

**PIK-AS**  
AUSTRIA

**MIL-Lichtsysteme**  
**MIL-Lightning**



Die Firma PIK-AS Austria ist ein österreichisches Unternehmen, welches im Jahr 1981 vom Geschäftsinhaber, Mag. Franz Polster MBA, gegründet wurde und seit 2015 in zweiter Generation von Frau DI(FH) Christina Polster fortgeführt wird.

Das Tätigkeitsfeld umfasst Beratung, Kundenunterstützung, Verkauf und Vertrieb von technischen und elektrotechnischen Komponenten, wie Relais, Kippschalter, Sonderschalter, Leuchten, technische Schnittstellenkomponenten, etc., für

- Fahrzeug- und Sonderfahrzeugbau, wie Schienenfahrzeuge, LKW, Kettenfahrzeuge, Wasserfahrzeuge, Flugzeuge. Spezielles Hauptaugenmerk gilt dabei der Militär- und Wehrtechnik.
- Maschinen- und Sondermaschinenbau.

Neben unserem umfangreichen Standardproduktportfolio bieten wir unseren Kunden auch individuell gefertigte Lösungen an, welche wir gerne mit Ihnen entwickeln und ausarbeiten. Um unseren Kunden umfassende und abgestimmte Lösungen bieten zu können, gehören auch professionelle Kabelkennzeichnungsgeräte zu unserem Produktpool um Industriestandards und -normen erfüllen zu können.

Die Firma PIK-AS ist ein stark international ausgerichtetes Unternehmen mit Hauptsitz in Österreich. Das Verkaufsgebiet umfasst Österreich, Tschechien, Slowakei, Ungarn, Slowenien, Kroatien, Bosnien, Mazedonien, Serbien, Rumänien, Bulgarien, Polen, Russland, Weißrussland, Estland, Lettland, Litauen und die Ukraine.

In diesen Ländern betreiben wir auch Verkaufsbüros, um unsere Kunden rasch und effektiv bei Ihren Anliegen unterstützen zu können.

Alle Informationen von unseren Niederlassungen laufen in unserer Zentrale in Mariasdorf zusammen, sodass ein guter Überblick über Veränderungen oder Erneuerungen in unseren Märkten gegeben ist.

Unsere ausgesprochen guten Marktkenntnisse ermöglichen eine gezielte und effektive Bearbeitung der verschiedenen Länder, und unsere weitreichenden Verbindungen garantieren eine erfolgreiche Verkaufspolitik.

Die Nähe zu unseren Kunden, unternehmerisches Denken und eine hohe Einsatzbereitschaft von unseren Mitarbeitern sind Erfolgsfaktoren in unseren Märkten. Um unser Vertrieb zu unterstützen, nehmen wir an allen wichtigen Messen teil, um stets mit unseren Produkten bei unseren Kunden präsent zu sein.

Die aktuellen Messetermine sowie ein Überblick über unser gesamtes Produktportfolio finden Sie unter [www.pikas.at](http://www.pikas.at).

The company PIK-AS Austria is an Austrian enterprise, which was founded in 1981 by Mag. Franz Polster MBA and is led since 2015 from DI(FH) Christina Polster in second generation.

The fields of activity are covering expert advice, customer support, sales and distribution from technical and electrotechnical components, like relays, toggle switches, special switches, lamps, etc., for:

- vehicle manufacturing such as railway vehicles, trucks, track vehicles, watercrafts and aircrafts (special attention is drawn to military- and defence technology)
- mechanical engineering and special purpose machinery manufacture.

Beside our extensive standard portfolio, we offer to our customers individual designed solutions, which we develop gladly for you.

To provide our customer a widespread and balanced product spectrum, our portfolio contains professional cable and tube marking systems to fulfill industrial standards.

PIK-AS is a highly international orientated company with the headquarter in Austria and representative offices in Czech Republic, Slovak Republic, Hungary, Slovenia, Croatia, Macedonia, Serbia, Bosnia, Romania, Bulgaria, Estonia, Latvia, Lithuania, Poland, Russia, Belarus and Ukraine.



All information from our branch offices is centralized and bundled in Austria to guarantee a good overview of the market's development and its innovations.

The excellent business competence of PIK-AS allows a direct and efficient work for its multinational clients. Our extensive connections ensure our ambitions of successful networking and sales-policy.

The closeness to our customers, entrepreneurial thinking and highly motivated employees are important factors of success in our market environment.

We also present our products at all important international exhibitions and roadshows to support our local sales team. On our website [www.pikas.at](http://www.pikas.at) you can find the current events and a total overview about our product-portfolio.

**DUNS-Nr.: 300445467**  
**CAGE-Nr.: 2717N**

Die aktuellen Messetermine sowie ein Überblick über unser gesamtes Produktportfolio finden Sie unter [www.pikas.at](http://www.pikas.at).



- Lichtfarbe: weiß und blau
- einfache Montage durch 4 Schrauben
- Anschluss: VG95234A-10SL-3PN
- Ausleuchtung 1m : ca. 300lux (Weißlicht)
- Dimmung durch einen Potentiometer 1-100%
- Notbatterie (bis zu 8h ohne Stromversorgung)
- Spannungsüberwachung – gibt optischen Alarm bei Spannungsabfall im Fahrzeug

- Light color: white and blue
- Simple mounting by 4 screws
- Receptacle: VG95234A-10SL-3PN
- light illuminance at 1m: ca. 300lux (white light)
- Dimming is enabled by a potentiometer 1-100%
- backup battery (up to 8h without power supply)
- Low Voltage Alert – visual alert when vehicle's battery voltage is dropping

Die flexible Schwanenhalsleuchte sorgt für Punkt- und Flutbeleuchtung von Fahrzeugen und kann in Weiß- und Blaulichtmodus betrieben werden.

Das Arbeitslicht hat einen beleuchteten Ein-Aus Schalter. Eine mechanische Verriegelung sorgt für die Verankerung des Gänsehals wenn die Lampe nicht verwendet wird.

Das Design nützt die Solid-State Technologie und einen konstanten Steuerkreis um eine konsistente und ökonomische Lichtabgabe bei einer Eingangsspannung von 16VDC-33VDC zu erzielen.

Integrierte Potentiometer regeln die Lichtintensität der LEDs.

Die Lichtintensität ist zwischen 1% und 100% Regelbar.

Das Arbeitslicht wurde speziell für räue Einsatzbedingungen und harte Anforderungen in MIL-Fahrzeugen entwickelt.

The Map Light is designed to provide white and blackout light at a medium flood beam angle. It uses multiple LED technology.

The control of the light is enabled by a momentary push button switch located on the product.

The product is designed to provide illumination for a specific cabin or workstation areas.

The design utilizes solid state technology and a constant current drive circuit to achieve a consistent and power economical light output at an input voltage range of 16-33VDC.

The product is designed to meet the rigorous requirements of military ground vehicle environments.

The product comprises backup battery functionality, active while mains are disconnected or during vehicle power supply failure event.

Input Voltage	16-33VDC
Input current at 24V	180mA ±10%
Power consumption at 24V	4,3Watts
Input Over Voltage Protection	Included
Input Reverse Voltage Protection	Included
Light source	LEDs
White Light center Luminance at 1m	300 Lux
Blue Light center Luminance at 1m	120 Lux
Light Beam Angle (FWHM)	30°
Operating Temperature Range	-40°C to +71°C
Dimensions (LxWxH) mm	Acc. Drawing
Weight	0,93kg
Water sealing	MIL-STD-810E
Transient Voltage Characteristics	MIL-STD-1275A
Electromagnetic interference characteristics	MIL-STD-461E
Built-In EMI RFI Filter, Low Noise	MIL-STD-461E
Mechanical Shock Test	MIL-STD-810E
Random Vibration	MIL-STD-810E
Colour of external housing	Black

### Receptacle pin-out

Type – VG95234A-10SL-3PN

PIN	Functional description
A	(+) Active Hatches 1
B	(-) Return
C	(+) Active Hatches 2



Die LED-Arbeitsleuchte wurde für medizinische Einsatzzwecke entwickelt.

Durch den flexiblen Schwanenhals kann die Leuchte in jede beliebige Position gebracht werden.

Die Leuchte kann bei Eingangsspannungen von 18VDC bis 32VDC betrieben werden.

Das LED Licht wird durch externe PWM im Fahrzeug gesteuert werden.

Die Ein- und Ausschaltung erfolgt durch einen Taster am Lampenkopf.

Selbstverständlich wurde die Lampe nach neuesten MIL-Standards entwickelt.

- Lichtfarben: weiß
- Anschluss: VG95234A-10SL-3PN
- Zielentfernung 1m: ca. 1600 Lux
- Dimmmöglichkeit PWM control
- einfache Montage

- **Light color** –The spectral color is white.
- **Simple mounting** – Mounting is achieved by 4 screw holes located in the electronic box.
- **Receptacle type** – The unit utilizes a VG95234A-10SL-3PN receptacle.
- **White Illumination** – At a distance of 1m from target, the lamp provides a main spot illumination footprint of about 1600 Lux
- **Dimming** - Dimming is accomplished by PWM control.

Flexible "Goose Neck" Task Light is designed to provide spot within armored vehicles.

The flexible WHITE light LEDs emitter can be rotated and moved about to adjust light direction and location. A latch device is present to attach the "Goose Neck" lamp upon usage completion. The design utilizes solid state technology and a constant current drive circuit to achieve a consistent and power economical light output at an input voltage range of 18VDC...32VDC.

LEDs light intensity is controlled by means of PWM external control box located within the vehicle.

Light intensity is controlled from 1% to 100%. The product comprises an illuminated On-Off button switch.

The product is designed to meet the rigorous requirements of military ground vehicle environments.



Input Voltage	18-32VDC
Input Current	180mA
Power Consumption at 24V	4.3 Watts
Input Over Voltage Protection	included
Input Reverse Voltage Protection	included
Built-In EMI RFI filter, low noise	MIL-STD-461E
Light source	LEDs
White Light Output at a distance of 1m	<b>1600 Lux (150 fc)</b>
Light Beam Angle FWHM	12°
PWM Intensity control	1-100%
Operating temperature range	-40°C to +71°C
Dimensions ("Goose Neck" length)	50cm (20 inch)
Weight	770g (1.70lbs)
Input Voltage	18-32VDC
Input Current	180mA



Die LED-Innenleuchte dient der generellen Innenbeleuchtung in gepanzerten Fahrzeuge.

Das Modell PA268004 kann im Weißlichtmodus oder Cyanlichtmodus betrieben werden.

Das Design nützt die Solid State Technologie und einen konstanten Steuerkreis um eine konsistente und ökonomische Lichtabgabe bei einer Eingangsspannung von 16VDC – 33VDC zu ermöglichen.

Das Produkt ist mit einem Mikrocontroller ausgestattet der alle Funktionen des Moduls überwacht.

Die Betriebsart wird über eine zentrale Steuerung im Fahrzeug gewählt.

Die Lichtintensität ist zwischen 0% und 100% regelbar.

Die Leuchtausrichtung kann durch das Bewegen der Lampe individuell angepasst werden.

Die Innenleuchte wurde speziell für rau Einstellung und harte Anforderungen in MIL-Fahrzeugen entwickelt.

- Lichtfarben: weiß und cyan
- Anschluss: VG95234A-10SL-3PN
- Zielentfernung 1m: Ausleuchtung ca. 1m x 1m bei > 45Lux im Mittelpunkt und min. 25Lux am Rand
- Dimmmöglichkeit durch Potentiometer
- Light color: white and cyan
- Receptacle: VG95234A-10SL-3PN
- Distance from target 1m: illumination area of min. 1m x 1m at >45 Lux in the centre and min. >25 Lux at the edges
- Dimming through a potentiometer

The LED based dome light is designed to provide general purpose illumination within armored vehicles.

Two operation modes are available, WHITE light mode and CYAN (bluish-green) light mode.

The design utilizes a solid state constant current drive circuit to achieve a consistent and power economical light output at an input range of 16 - 33VDC.

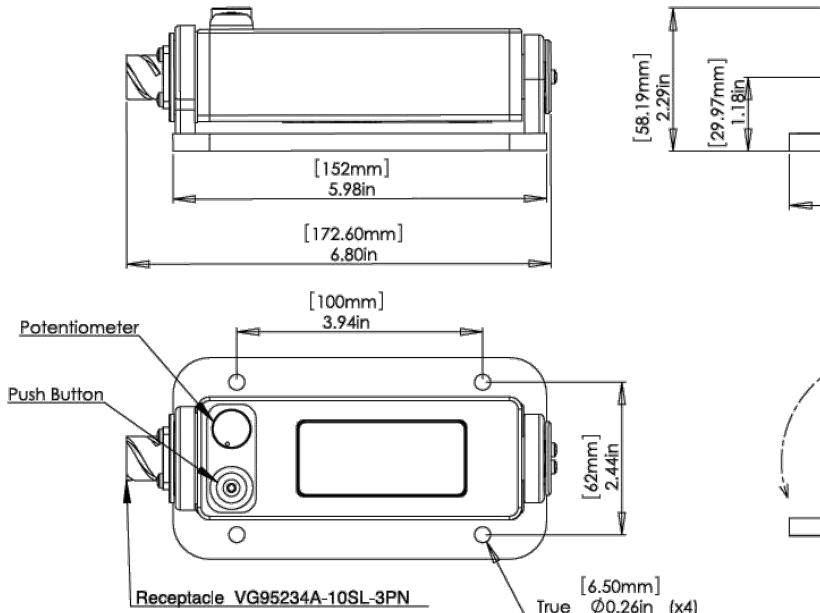
The IDLS control circuitry is based on a microcontroller which controls all functionalities of the module.

Operation mode is determined by a central command box within the vehicle connected to the IDLS unit through a suitable cable.

Light intensity is controllable from 0% to 100%. Rotation of the light module enables adjustment to a desired light direction.

The product is designed to meet the rigorous requirements of military ground vehicle environments.

Receptacle Pin-out:  
pin      Functional Description  
A      (+) 28V Cyan Light  
B      (-) Return  
C      (+) 28V White Light



Eingangsspannung / Input Voltage	16-33VDC
Eingangsstrom bei 24VDC / Input Current at 24VDC	200mA
Verbrauch bei 24VDC / Power Consumption at 24VDC	4,8W
Überspannungsschutz / Input Over Voltage Protection	inkludiert / included
Gegenspannungsschutz / Input Reverse Voltage Protection	inkludiert / included
Filterung, Geräuschentwicklung / Built-In EMI RFI Filter, Low Noise	MIL-STD-461E
Lichtquelle / Light Source	LEDs
Weiß-Lichtleistung bei 1m Entfernung / White Light Output at 1m Distance	> 45 Lux
Cyan-Lichtleistung bei 1m Entfernung / Cyan Light Output at 1m Distance	> 10 Lux
Dominante Wellenlänge (cyan) / dominant Wavelength (cyan)	505nm
Strahlwinkel (abnehmbar) / Light Beam Angle (swivel)	100°
Lichtstärkenregelung (weiß & cyan) / Intensity Control (white & cyan)	0-100%
Umgebungstemperatur / Operating Temperature Range	-40°C to +71°C
Maße / Dimensions	176x82x58mm
Gewicht / Weight	400g



#### LED-Frontscheinwerfer für gepanzerten Fahrzeuge.

Das Modell PA270008 bietet eine weite und breite Ausleuchtung für gepanzerte Fahrzeuge.

Das Design nützt die Solid State Technologie und einen konstanten Steuerkreis um eine konsistente und ökonomische Lichtabgabe bei einer Eingangsspannung von 14VDC – 32VDC zu ermöglichen.

Die Leichtbaukonstruktion besteht aus Aluminium und ist absolut wasserdicht.

Durch 2 Kontakte kann zwischen Fern- und Abblendlicht geschaltet werden.

Beim Fernlicht wird eine Leuchtkraftsteigerung von 33% erreicht.

Das Fernlicht wurde speziell für rauе Einsatzbedingungen und harte Anforderungen in MIL-Fahrzeugen entwickelt.

- Lichtfarbe: weiß
- Anschluss: MS27142-3
- Zielentfernung 10m: Fernlicht >100Lux, Abblendlicht >80Lux

- Light color: white
- Receptacle: MS27142-3
- Distance from target 10m: High light >100Lux, Low light >80Lux

Headlight Suitable for Armored Vehicles.

The Headlight is designed to provide wide angle illumination for armored vehicles.

The design utilizes a solid state constant current drive circuit to achieve a consistent power economic light output at an input voltage range of 14VDC - 32VDC.

The Headlight lightweight construction is made of Aluminum, and is fully waterproofed.

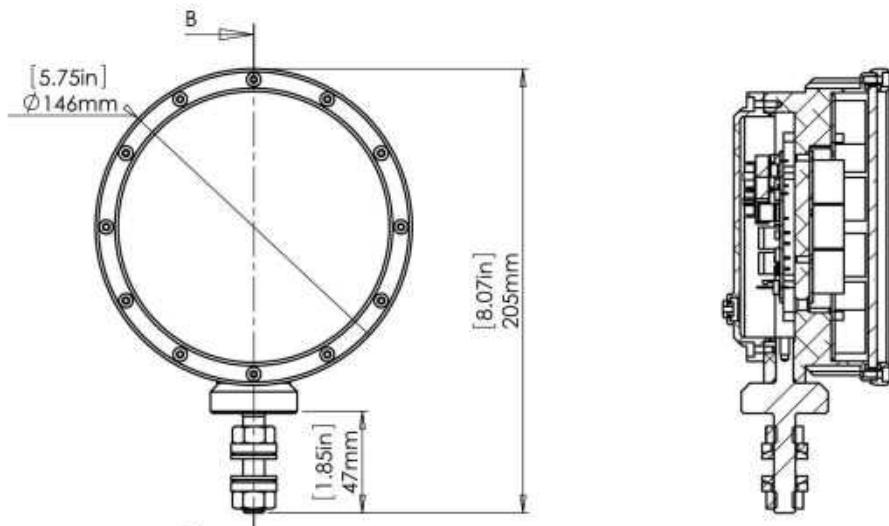
The Headlight controlled by means of 2 female connectors for High and Low intensity.

High Light output intensity is enhanced by 33%.

The Headlight is designed to meet the rigorous requirements of military ground vehicle environments.

2 Female Connectors MS27142-3 on cable  
Functional Description  
Left Female Connector (viewed from behind)  
Right Female Connector (viewed from behind)  
Fastening Bolt.

(+) 14-32VDC Low Intensity  
(+) 14-32VDC High Intensity  
(-) Return

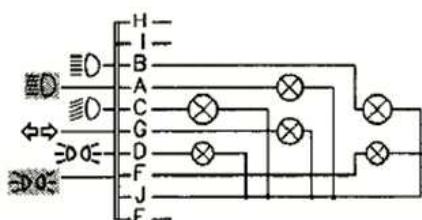
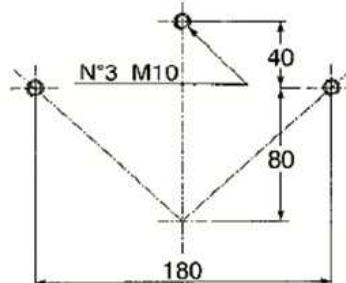
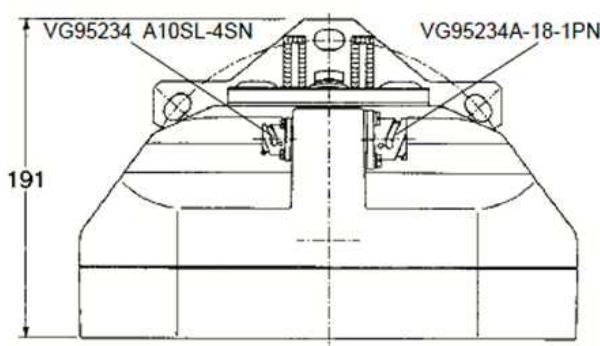
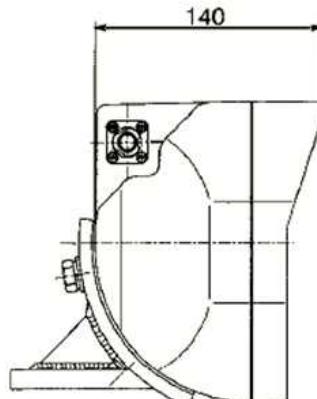
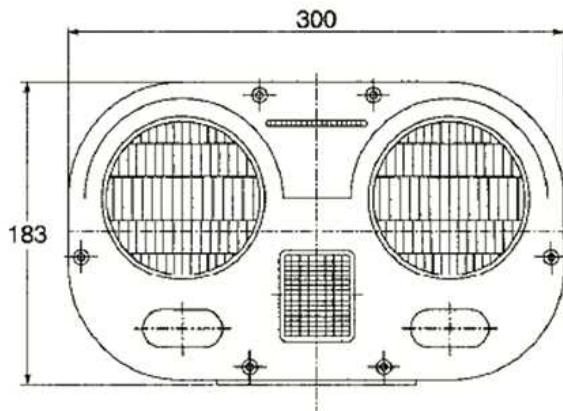


SECTION B-B  
SCALE 1 : 2.5

Eingangsspannung / Input Voltage	14-32VDC
Eingangsstrom / Input Current	0,68A – 1,05A
Verbrauch bei 24VDC / Power Consumption at 24VDC	25W
Überspannungsschutz / Input Over Voltage Protection	inkludiert / included
Gegenspannungsschutz / Input Reverse Voltage Protection	inkludiert / included
Filterung, Geräuschentwicklung / Built-In EMI RFI Filter, Low Noise	MIL-STD-461E
Lichtquelle / Light Source	LEDs
Lichtleistung bei 10m Entfernung / Light Output at 10m Distance	> 100 Lux
Strahlwinkel / Light Beam Angle	±8°
Umgebungstemperatur / Operating Temperature Range	-40°C to +71°C
Maße / Dimensions	Ø 146mm
Gewicht / Weight	1,5kg



- Gehäuse und Rahmen in Aluminium
- Black-Out Funktion nach NATO-Spezifikationen
- Homologation: ECE - CEE
- Schutzklasse IP68 (0,2bar)
  
- Housing and frame in treated/painted aluminium alloy
- Black-out service according to NATO specifications
- Homologations: ECE - CEE
- Protection degree IP68 (0,2bar)



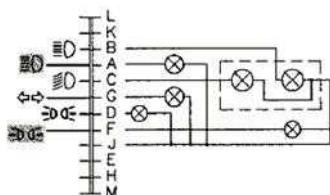
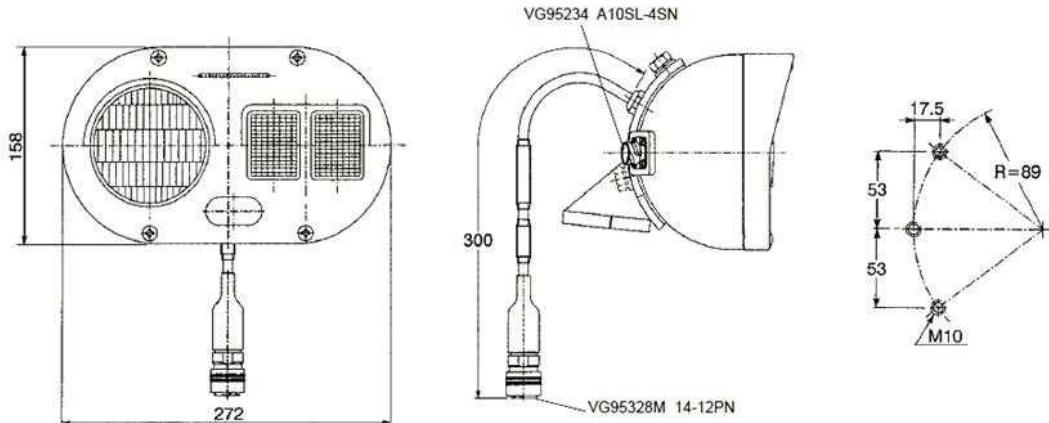


Sachnummer Part Number	RH	LH					Horn Connector					
<b>PM06807000</b>		X	X	X	X	X	X	X	X	X	24V	I.R. NATO Green / NATO Grün
<b>PM06808000</b>	X		X	X	X	X		X	X	X	24V	I.R. NATO Green / NATO Grün
<b>PM09732000</b>		X	X	X	X	X	X	X	X	X	24V	I.R. MIL Green / I.R. MIL Grün
<b>PM09733000</b>	X		X	X	X	X		X	X	X	24V	I.R. MIL Green / I.R. MIL Grün
<b>PMB1723000</b>		X	X	X	X	X		X	X	X	24V	Green Ral 6031/Grün
<b>PMB1724000</b>	X		X	X	X	X		X	X	X	24V	Green Ral 6031/Grün
<b>PMB0656000</b>		X	X	X	X	X	X	X	X	X	24V	Black Ral 9005 Schwarz
<b>PMB0657000</b>	X		X	X	X	X		X	X	X	24V	Black Ral 9005 Schwarz



- Gehäuse und Rahmen in Aluminium
- Black-Out Funktion nach NATO-Spezifikationen
- Homologation: ECE - CEE
- Schutzklasse IP68 (0,2bar)

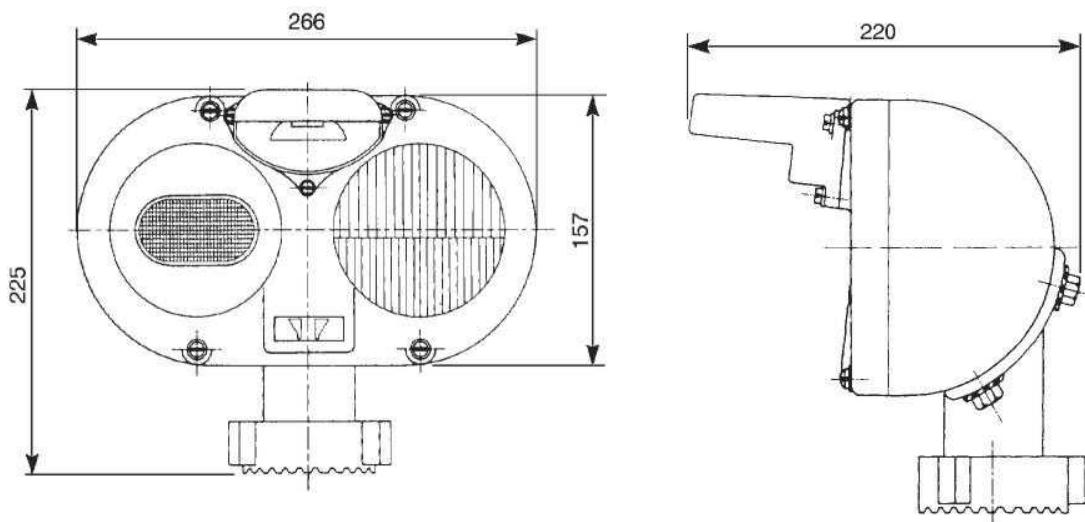
- Housing and frame in treated/painted aluminium alloy
- Black-out service according to NATO specifications
- Homologations: ECE - CEE
- Protection degree IP68 (0,2bar)



Sachnummer Part Number	RH	LH						Horn Connector				
PM07870000		X	X	X	X	X		X	X	X	24V	I.R. NATO Green I.R. NATO Grün
PM07871000	X		X	X	X	X			X	X	24V	I.R. NATO Green I.R. NATO Grün
PM09734000		X	X	X	X	X		X	X	X	24V	I.R. MIL Green I.R. MIL Grün
PM09735000	X		X	X	X	X			X	X	24V	I.R. MIL Green I.R. MIL Grün



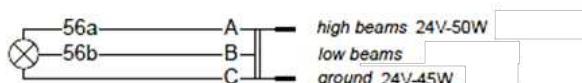
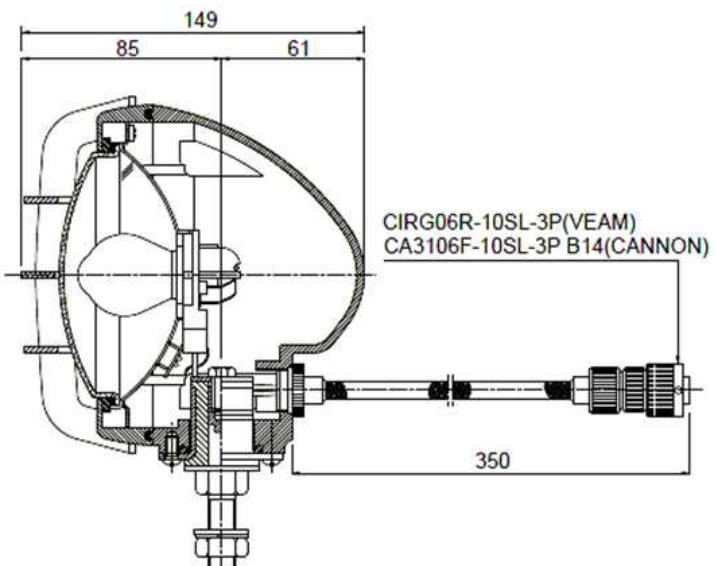
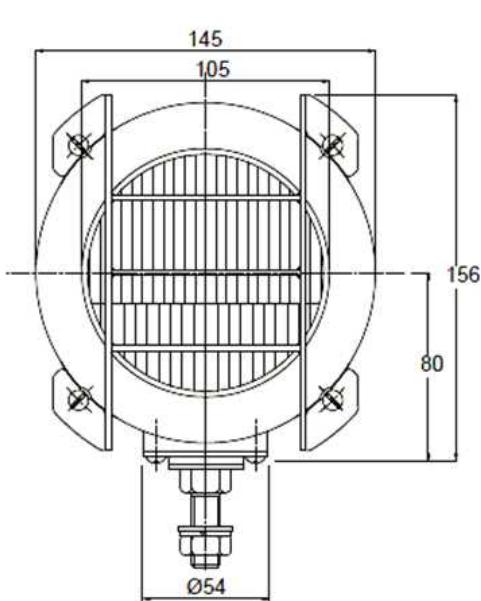
- Gehäuse und Rahmen in Aluminium
- Black-Out Funktion nach NATO-Spezifikationen
- Homologation: IGM
- Schutzklasse IP68 (0,2bar)
- Housing and frame in treated/painted aluminium alloy
- Black-out service according to NATO specifications
- Homologations: IGM
- Protection degree IP68 (0,2bar)



Sachnummer Part Number	RH	LH									
<b>PM01660000</b>	X		X	X	X	X	X	X	X	24V	MIL Green / MIL Grün
<b>PM01662000</b>		X	X	X	X	X	X	X	X	24V	MIL Green / MIL Grün



- Gehäuse und Rahmen in Aluminium
- Stahl-Schutzgitter
- Schutzklaasse IP68 (0,2bar)
  
- Housing and frame in treated/painted aluminium alloy
- Steel protection grid
- Protection degree IP68 (0,2bar)

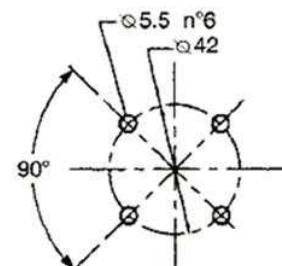
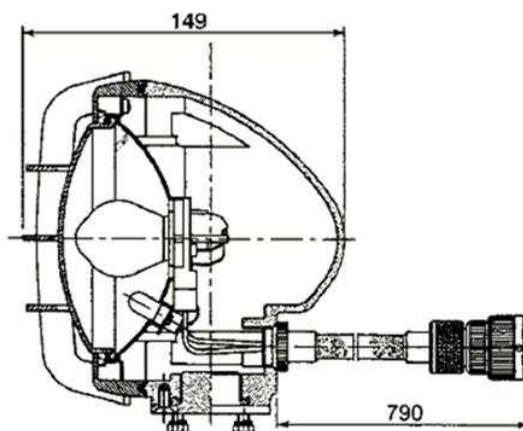
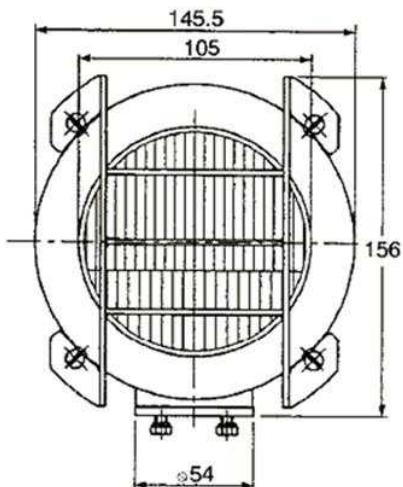


Sachnummer Part Number				
<b>PM09204000</b>	X	X	24V – 45/50W	I.R. NATO Green / I.R. NATO Grün
<b>PM09284000</b>	X	X	24V – 45/50W	Spain Green / Spanien Grün
<b>PM09739000</b>	X	X	24V – 45/50W	I.R. MIL Green / I.R. MIL Grün



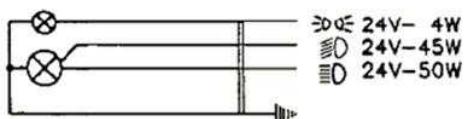
- Gehäuse und Rahmen in Aluminium
- Stahl-Schutzgitter
- Schutzklasse IP68 (0,2bar)

- Housing and frame in treated/painted alluminium alloy
- Steel protection grid
- Protection degree IP68 (0,2bar)



3 LIGHTS  
VG95234L 14S-6PN  
2 LIGHTS  
CA3106F 10SL-3PB

3 LIGHTS



2 LIGHTS



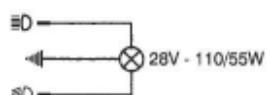
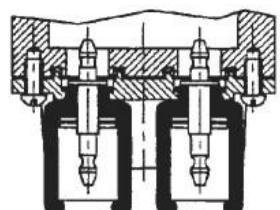
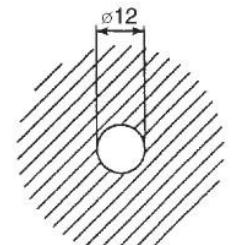
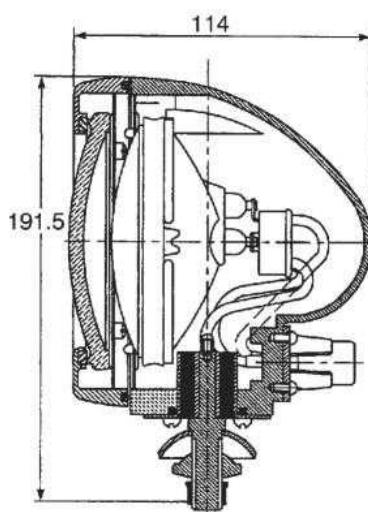
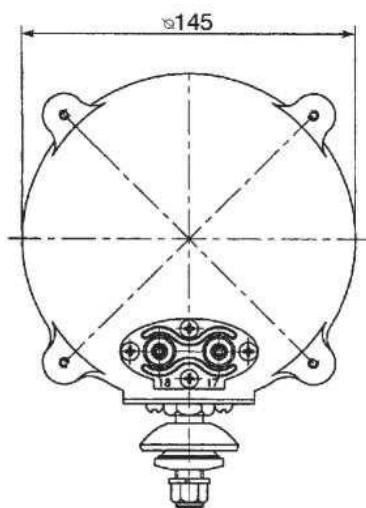
Sachnummer Part Number				
<b>PM08900000</b>	X	X	X	Camouflage Black / Camouflage Schwarz
<b>PM08901000</b>	X	X		Camouflage Black / Camouflage Schwarz
<b>PM09740000</b>	X	X	X	I.R. MIL Green / I.R. MIL Grün
<b>PM09741000</b>	X	X		I.R. MIL Green / I.R. MIL Grün
<b>PMB0127000</b>	X	X	X	Camouflage Green / Grün
<b>PMB0128000</b>	X	X		Camouflage Green / Grün



- Gehäuse und Rahmen in Aluminium
- Linse aus Temperedglas
- Schutzklasse IP68 (0,2bar)

- Housing and frame in treated/painted aluminium alloy
- Tempered glass protection lens
- Protection degree IP68 (0,2bar)

Ordinance: 8735874  
 IR Ordinance: 8735875



Sachnummer Part Number						Note	
PM01766000	X	X			24V	MIL Green / MIL Grün	
PM01767000	X	X	X		24V	MIL Green / MIL Grün	
PM07994000	X	X		X	24V	MILGreen / MIL Grün	
PMB0224000	X	X			24V	I.R. NATO Green / I.R. NATO Grün	Version for ceiling mounting Version zur Deckenaufhängung
PM424N9423	X		X		12V	NATO Green/ NATO Grün	

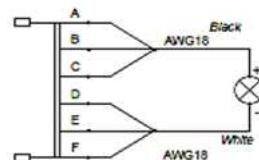
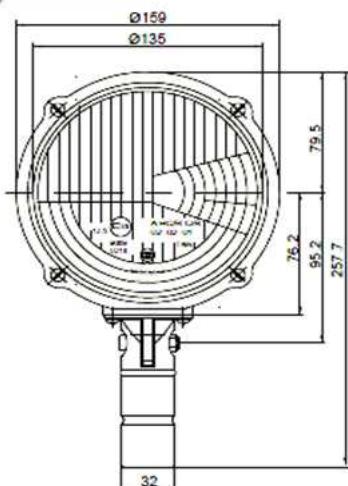


- Gehäuse, Rahmen und Griff aus Aluminium
- Linse aus Tempered glass
- Schutzklasse IP68 (0,2bar)

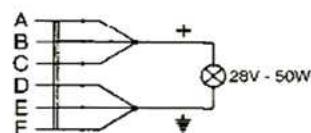
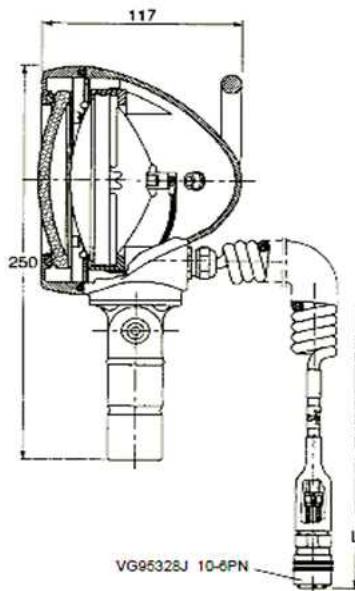
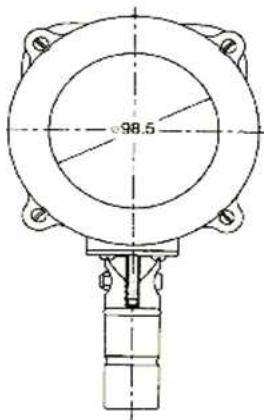
- Housing, frame and handle in treated/painted aluminium alloy
- Tempered glass protections lens
- Protection degree IP68 (0,2bar)

TYPE A

12.5 E13 A HCR C/R  
9069 02 02 01  
0218 T4W  
05.414



TYPE B



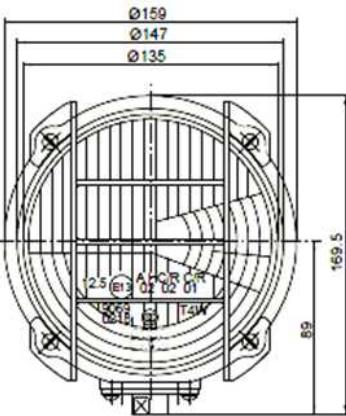
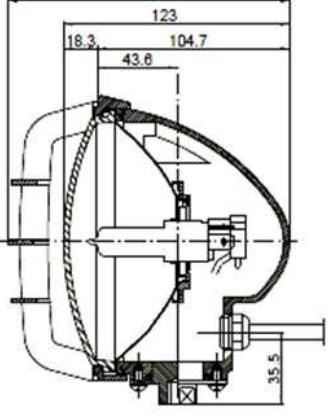


- Gehäuse, Rahmen und Griff aus Aluminium
- Linse aus Tempered glass
- Schutzklasse IP68 (0,2bar)

- Housing, frame and handle in treated/painted aluminium alloy
- Tempered glass protection lens
- Protection degree IP68 (0,2bar)

Sachnummer Part Number	Type	Ø	L min.	L max.			Note
PMB1529000	A	135	1200mm	8000mm	24V – 50W	I.R. NATO Green I.R. NATO Grün	
PM08149000	B	98,5	1200mm	8000mm	24V – 50W	I.R. NATO Green I.R. NATO Grün	
PM09343000	B	98,5	1200mm	8000mm	24V – 50W	Spain Green Spanien Grün	
PM09742000	B	98,5	1200mm	8000mm	24V – 50W	I.R. MIL Green I.R. MIL Grün	
PM09747000	B	98,5	1200mm	8000mm	24V – 50W	Matt Black Matt Schwarz	
PMB1113000	B	98,5	1200mm	8000mm	24V – 50W	I.R. MIL Green I.R. MIL Grün	Special Connector Spezial-Stecker

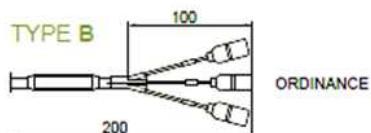
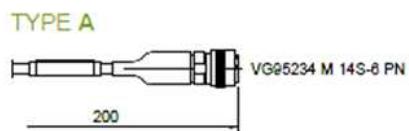
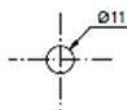
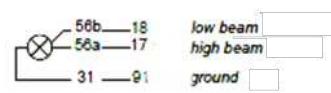
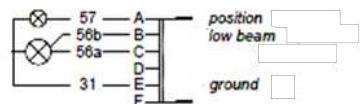


	
<p>12.5  A HC/R C/R 02 02 01 9069 0218 T4W 05.414</p>	<p>12.5  A HC/R C/R 02 02 01 0228 0222 T4W 05.431</p>

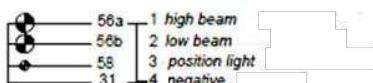
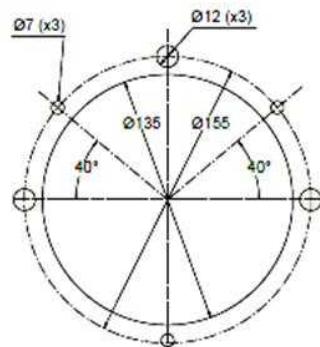
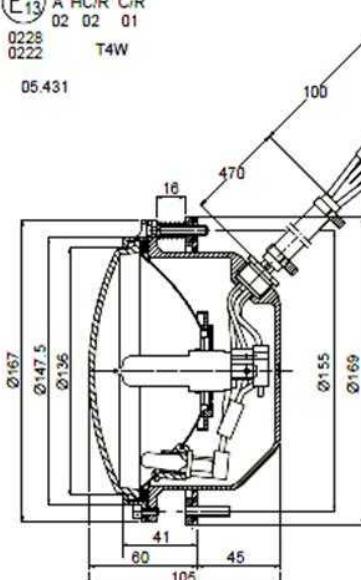
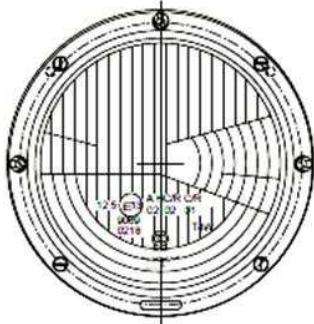
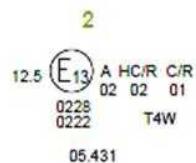
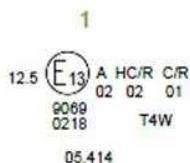


- Gehäuse und Rahmen aus Aluminium
- Stahl-Schutzgitter
- Schutzklasse IP68 (0,2bar)

- Housing and frame in treated/painted aluminium alloy
- Steel protection grid
- Protection degree IP68 (0,2bar)



Sachnummer Part Number	Type							Homologation		
PMB0686000	A	X		X	X	X		24V	1	I.R. NATO Green / I.R. NATO Grün
PMB0624000	A			X	X	X		24V	2	I.R. NATO Green / I.R. NATO Grün
PMB0623000	B	X		X	X		X	24V	1	I.R. NATO Green / I.R. NATO Grün

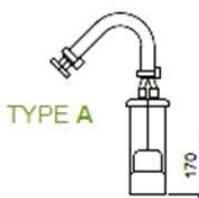
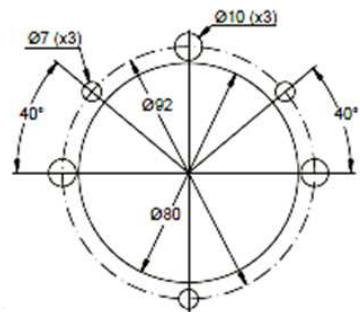
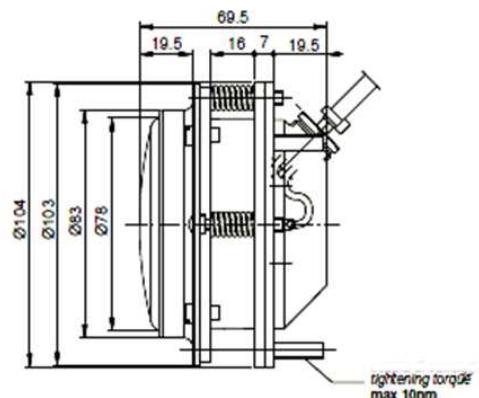
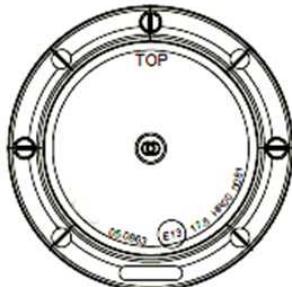
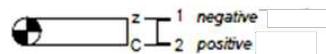


Sachnummer Part Number	RHD	LHD	LED	LED	LED	Homoglation		Notes Anmerkung	
PMB0439000	X		X	X	X	24V	1	Matt Black / Matt Schwarz	
PMB1253000	X		X	X	X	12V	1	Matt Black / Matt Schwarz	
PMB0440000		X	X	X	X	24V	2	Matt Black / Matt Schwarz	
PMB1111000	X		X	X	X	24V	1	Matt Black / Matt Schwarz	Underneath cables output Kabelausgang nach unten
PMB1112000		X	X	X	X	24V	2	Matt Black / Matt Schwarz	Underneath cables output Kabelausgang nach unten

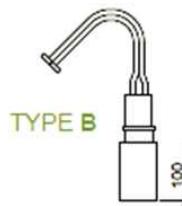


- Gehäuse und Rahmen aus Aluminium
- Schutzklasse IP68 (0,2bar)
- Homologation: ECE – CEE
- Housing and frame in treated/painted aluminium alloy
- Protection degree IP68 (0,2bar)
- Homologations: ECE - CEE

17.5 E13 HC00 0081  
05.0863



2 pins AMP S/SEAL



female connector  
44-104-10002-02

Sachnummer Part Number	Type	With Bracket Mit Klammer			
PMB1252000	A	X	X	12V	Matt Black / Matt Schwarz
PMB0454000	A	X	X	24V	Matt Black / Matt Schwarz
PMB1734000	B	X	X	24V	Matt Black / Matt Schwarz
PMB0646000	A		X	12V	Matt Black / Matt Schwarz

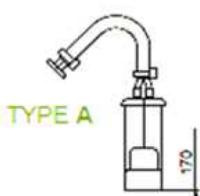
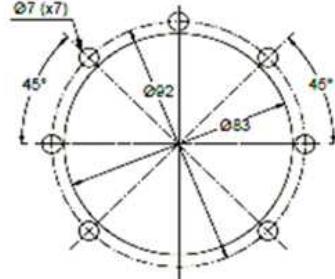
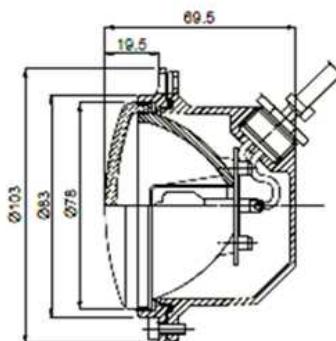
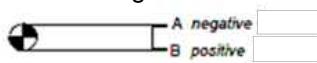
# Nebelscheinwerfer Ø 80mm Fog light headlamps Ø 80mm



(E13) 02 B 1147  
05.0864

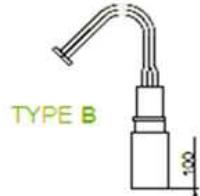


- Gehäuse und Rahmen aus Aluminium
- Schutzklasse IP68 (0,2bar)
- Homologation: ECE - CEE
- Housing and frame in treated/painted aluminium alloy
- Protection degree IP68 (0,2bar)
- Homologations: ECE - CEE



TYPE A

2 pins AMP S/SEAL



TYPE B

female connector  
44-104-10002-02



TYPE C

ORDINANCE



TYPE D

2 pins DEUTSCH

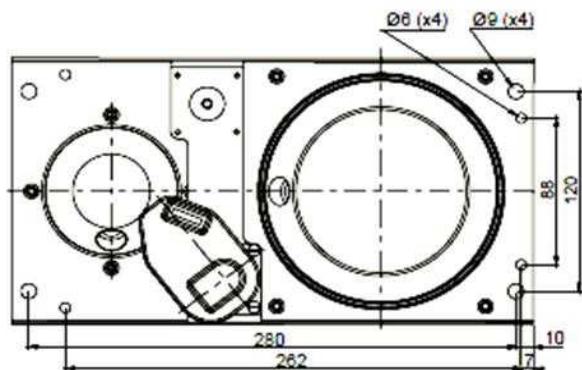
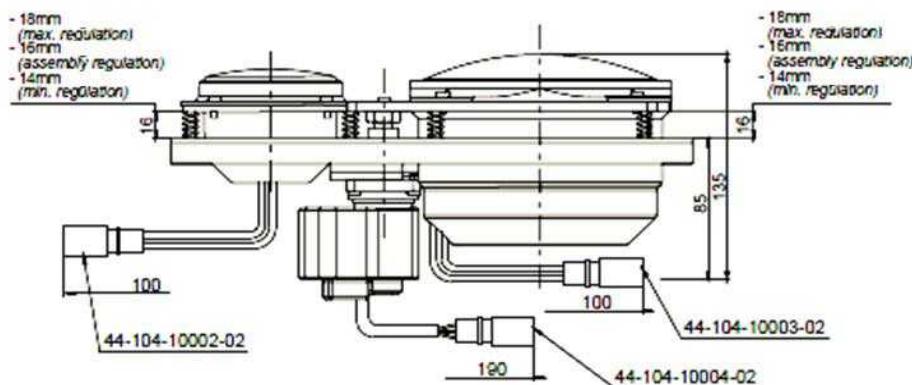
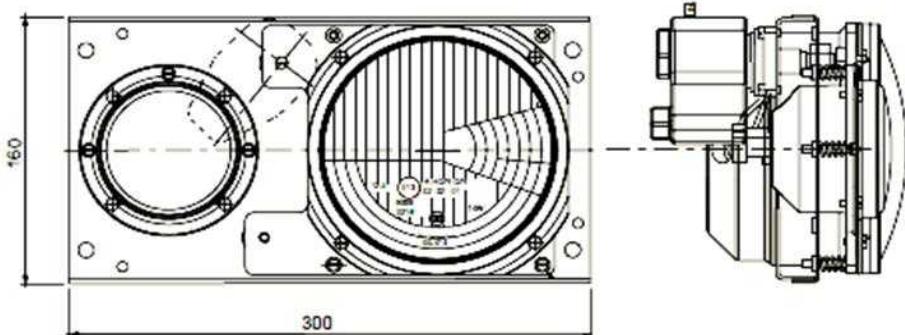
Sachnummer Part Number	Type	With Bracker Mit Klammer			
PMB0777000	A	X	X	24V	Matt Black / Matt Schwarz
PMB0645000	A		X	12V	Matt Black / Matt Schwarz
PMB1675000	C	X	X	24V	Matt Black / Matt Schwarz
PMB1726000	D	X	X	24V	Green Ral 6031 / Grün Ral 6031
PMB1797000	C	X	X	24V	I.R. NATO Green / I.R. NATO Grün
PMB1865000	A	180°	X	24V	Matt Black / Matt Schwarz

## Kombi-Scheinwerfer Ø 80mm + 135mm Combi-headlamps Ø 80mm + 135mm



- Gehäuse und Rahmen aus Aluminium
- Schutzklasse IP68 (0,2bar)
- Trägerplatte aus Stahl

- Housing and frame in treated/painted aluminium alloy
- Protection degree IP68 (0,2bar)
- Support plate in treated/painted steel alloy



# Kombi-Scheinwerfer Ø 80mm + 135mm

## Combi-headlamps Ø 80mm + 135mm

Ø80 headlamp

Right and left hand drive

(E13) 17.5 HC00 0081  
05.0863

Ø135 headlamp

Right hand drive

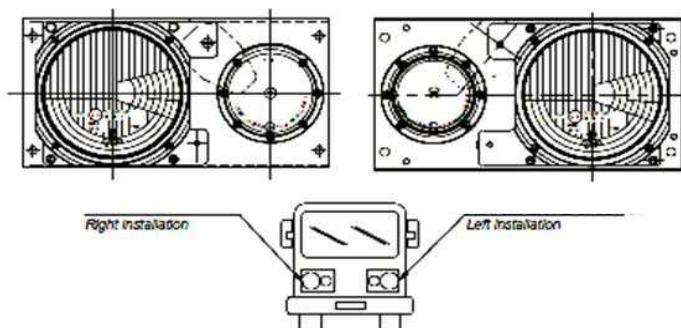
12.5 (E13) A HC/R C/R  
0069 02 02 01  
0218 T4W

05.414

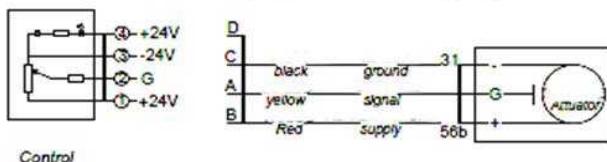
Left hand drive

12.5 (E13) A HC/R C/R  
0228 02 02 01  
0222 → T4W

05.431



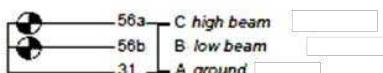
Headlamp regulation device wiring diagram



Ø80 Headlamp wiring diagram



Ø135 Headlamp wiring diagram without position lamp

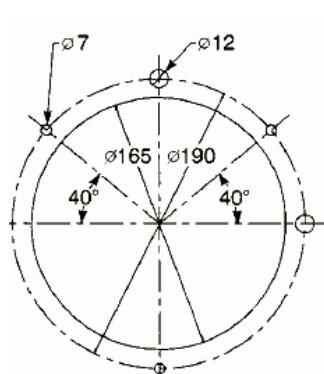
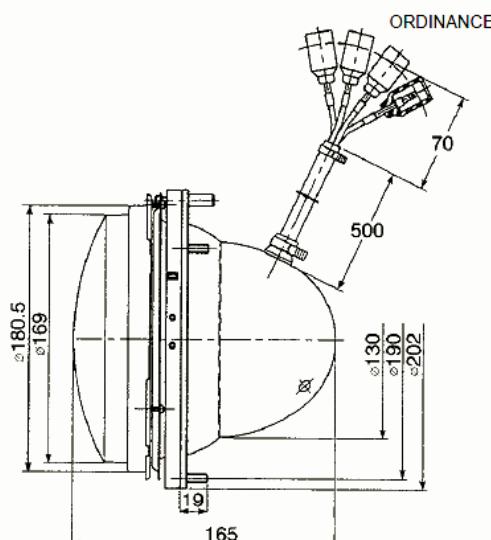
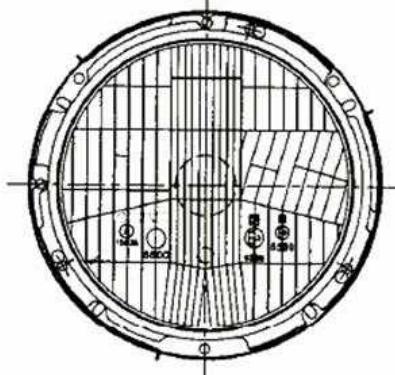


Sachnummer Part Number	Installation		Driving Lenkung		Headlamp Ø 80	Headlamp Ø 135		
	RH	LH						
PMB0760000		X	X		X	X	X	24V
PMB0759000	X		X		X	X	X	24V
PMB1114000		X		X	X	X	X	24V
PMB1115000	X			X	X	X	X	24V



- Stahlgehäuse
- Homologation: ECE - CEE
- Schutzklasse IP68 (0,2 bar)

- Housing and collar in treated/painted steel
- Homologations: ECE-CEE
- Protection degree IP68 (0,2 bar)



1

2

02 HC/R 02 A  
 (E4) 20 (E4)  
 1 1  
 50R - 00333

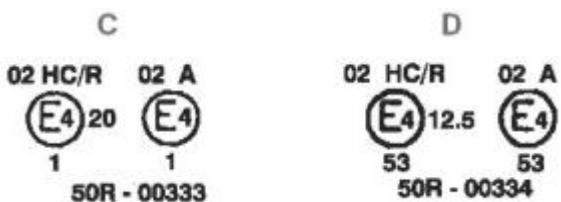
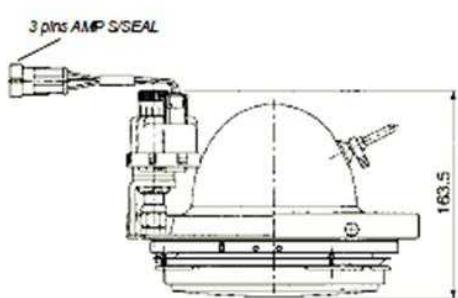
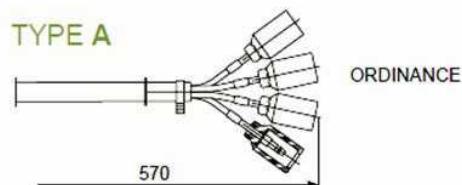
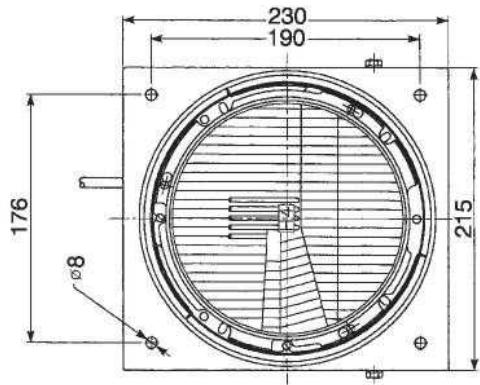
02 HC/R 02 A  
 (E4) 12.5 (E4)  
 53 53  
 50R - 00334

Sachnummer Part Number	RHD	LHD	LOW BEAM	HIGH BEAM	FOG LIGHT	HOMOLOGATION		
PM09219000	X		X	X	X	24V	1	Matt Black/ Matt Schwarz
PMB1604000	X		X	X	X	24V	1	Matt Black/ Matt Schwarz
PMB1040000	X		X	X	X	12V	1	Matt Black/ Matt Schwarz
PM09270000		X	X	X	X	24V	2	Matt Black/ Matt Schwarz
PMB0841000		X	X	X	X	12V	2	Matt Black/ Matt Schwarz

# Scheinwerfer Ø 170mm mit Montageplatte Headlamps Ø 170mm with trimming tab



- Stahlgehäuse
- Aufnahmeplatte aus Aluminium
- Homologation: ECE - CEE
- Schutzklasse IP68 (0,2 bar)
- Housing and collar in treated/painted steel
- Actuator support plate in treated/painted aluminium alloy
- Homologations: ECE-CEE
- Protection degree IP68 (0,2 bar)

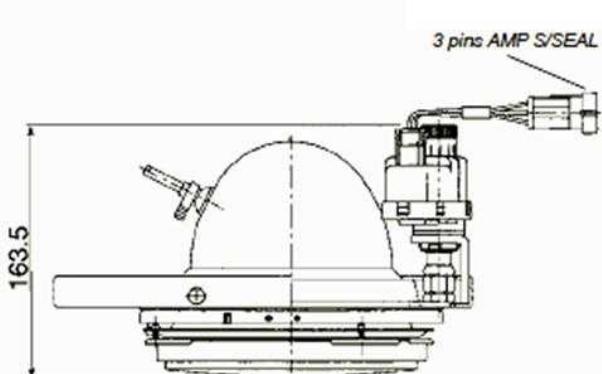
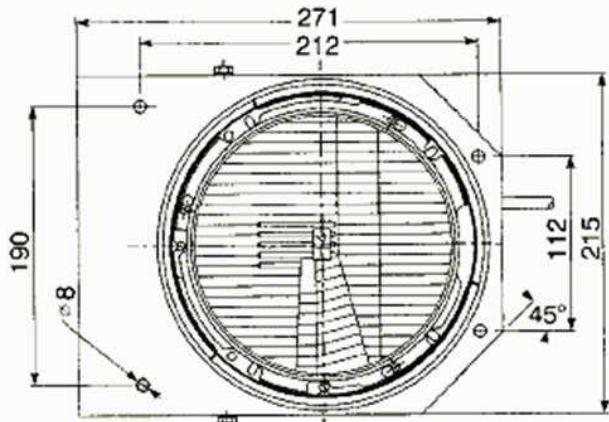


Sachnummer Part Number	Type							HOMOLOGATION
<b>PM09229000</b>	A	X		X	X	X	24V	1
<b>PM09274000</b>	A		X	X	X	X	24V	2
<b>PM09634000</b>	B	X		X	X	X	24V	1

# Scheinwerfer Ø 170mm mit Montageplatte Headlamps Ø 170mm with trimming tab



- Stahlgehäuse
- Aufnahmeplatte aus Aluminium
- Homologation: ECE - CEE
- Schutzklasse IP68 (0,2bar)
- Housing and collar in treated/painted steel
- Actuator support plate in treated/painted aluminium alloy
- Homologations: ECE-CEE
- Protection degree IP68 (0,2bar)



1	2	3
HCR 402R20	HC/R 027125	A 017125

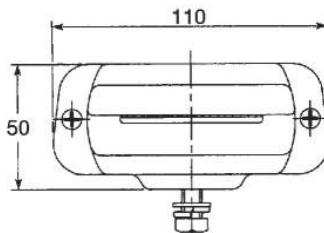
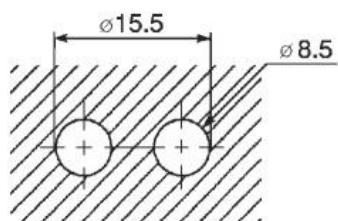
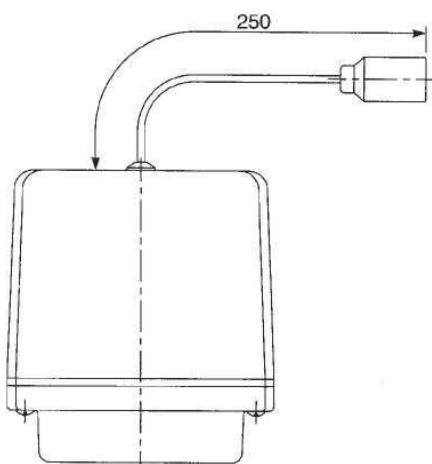
  

02 HC/R	02 A
1 50R - 00333	1

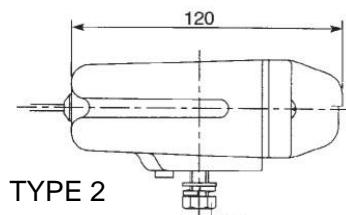
  

02 HC/R	02 A
53 50R - 00334	53

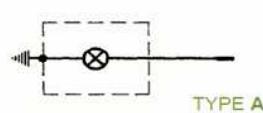
Sachnummer Part Number							HOMOLOGATION
<b>PM09725000</b>		X	X	X	X	24V	1
<b>PM09228000</b>	X		X	X	X	24V	2
<b>PM09273000</b>		X	X	X	X	24V	3



TYPE 1



TYPE 2



TYPE A



ORDINANCE



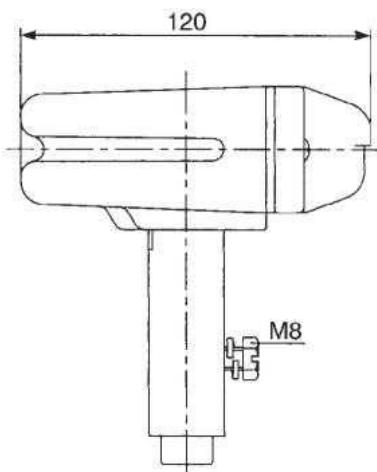
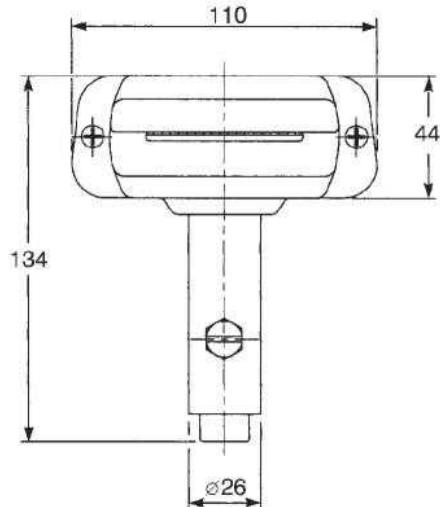
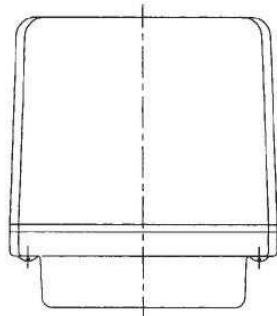
TYPE B

2 pins AMP S/SEAL

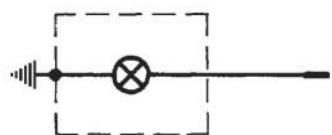
Sachnummer Part Number	Type	With bracket Mit Klammer		
PM06926000	1/A		24V 21W	I.R. NATO Green / I.R. NATO Grün
PM08910000	1/A		24V 21W	MIL Green Ral 6014 / MIL Grün Ral 6014
PM08941000	1/A		12V 21W	I.R. NATO Green / I.R. NATO Grün
PM08964000	1/A		24V 21W	Algeria Green 52234 / Algerien Grün 52234
PM08965000	1/A		24V 21W	Spain Green / Spanien Grün
PM08982000	1/A		24V 21W	Macedonia Green / Mazedonien Grün
PM09175000	1/A		24V 21W	Italy Blue / Italien Blau
PM09685000	1/A		24V 21W	Camouflage Black / Camouflage Schwarz



Sachnummer Part Number	Type	With bracket Mit Klammer		
<b>PM09832000</b>	1/A		24V 21W	Beige
<b>PMB0721000</b>	1/A		12V 21W	C/L Sand Beige / C/L Sand Beige
<b>PMB1357000</b>	1/A		24V 21W	52390 Norway Beige / Norwegen Beige
<b>PMB1449000</b>	1/A		24V 21W	White IC 194 / Weiß IC 194
<b>PMB1450000</b>	1/A		24V 21W	Blue Ral 5013 / Blau Ral 5013
<b>PMB1451000</b>	1/A		24V 21W	Beige Ral 1014 / Beige Ral 1014
<b>PMB1531000</b>	1/A		24V 21W	Beige Ral 1013 / Beige Ral 1013
<b>PMB1843000</b>	1/A		12V 21W	Beige Ral 1019 / Beige Ral 1019
<b>PMB1844000</b>	1/A		24V 21W	Beige Ral 1019 / Beige Ral 1019
<b>PMB0807000</b>	1/A	X	24V 21W	I.R. NATO Green / I.R. NATO Grün
<b>PM08548000</b>	2/A	X	24V 21W	German Army Green / Deutsche Armee Grün
<b>PMB0949000</b>	2/B	X	12V 21W	Green Ral 6031 / Grün Ral 6031
<b>PMB1413000</b>	2/B	X	12V 21W	Black Ral 9005 / Schwarz Ral 9005
<b>PMB0179000</b>	1/B		24V 21W	Camouflage Black / Camouflage Schwarz
<b>PMB0180000</b>	1/B		24V 21W	Camouflage Green / Camouflage Grün
<b>PMB0181000</b>	1/B		24V 21W	Camouflage Brown / Camouflage Braun



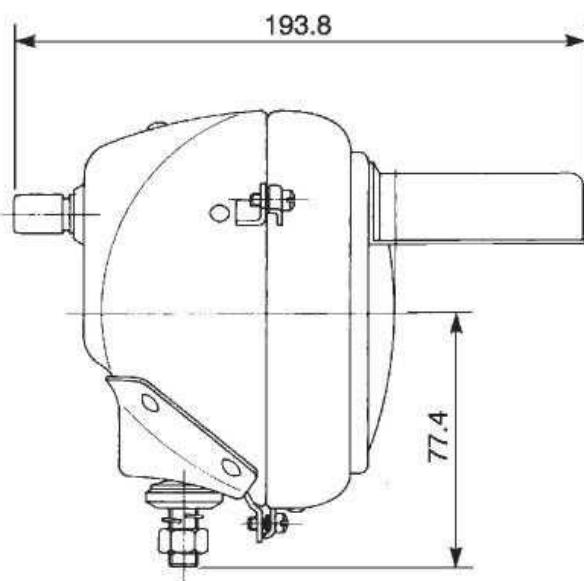
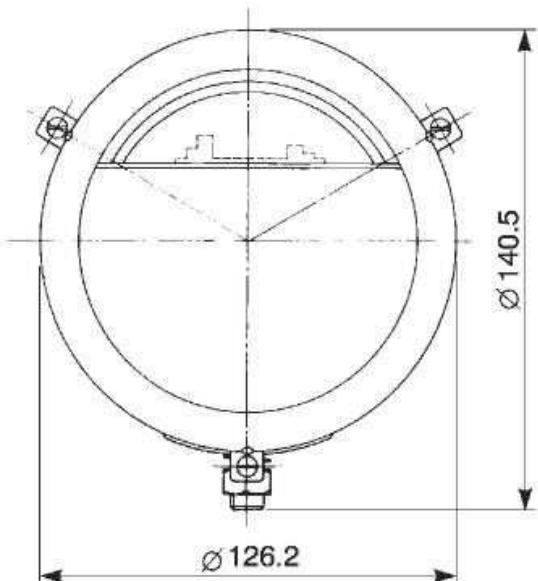
Sachnummer Part Number		
<b>PM06331000</b>	24V 21W	I.R. MIL Green / I.R. MIL Grün
<b>PM06353000</b>	24V 21W	I.R. NATO Green / I.R. NATO Grün
<b>PM06379000</b>	24V 21W	MIL Green / MIL Grün
<b>PM06380000</b>	24V 21W	Libya Beige / Libyen Beige
<b>PM06381000</b>	24V 21W	Matt Black / Matt Schwarz
<b>PM07327000</b>	24V 21W	Belgium Blue / Belgien Blau
<b>PM08141000</b>	24V 21W	Pakistan Beige / Pakistan Beige
<b>PM08321000</b>	24V 21W	U.A.E. Beige / VAE Beige
<b>PM08898000</b>	12V 21W	I.R. MIL Green / I.R. MIL Grün
<b>PM09135000</b>	12V 21W	I.R. NATO Green / I.R. NATO Grün
<b>PM09176000</b>	24V 21W	Italy Blue / Italien Blau



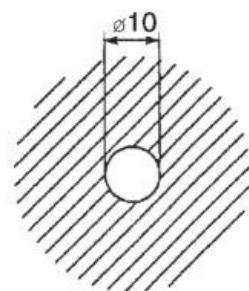


- Gehäuse und Rahmen aus Stahl
- Tarnlicht nach MIL-Spezifikationen
- Housing and frame in treated/painted steel
- Black-out service according to MIL specifications

### MS 51318.1



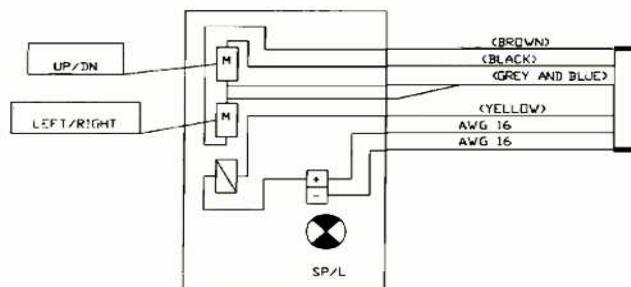
Sachnummer Part Number		
PM01801000	24V 15W	MIL Green / MIL Grün





- Ausgangsmaterial: ABS
- Material Glas: Polykarbonat
- Schutzklasse IP54

- Base material: ABS
- Lens material: Polycarbonate
- Protection degree: IP54

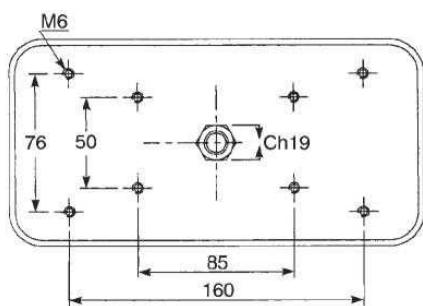
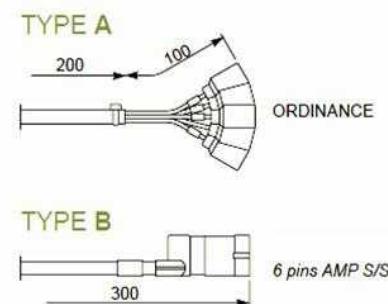
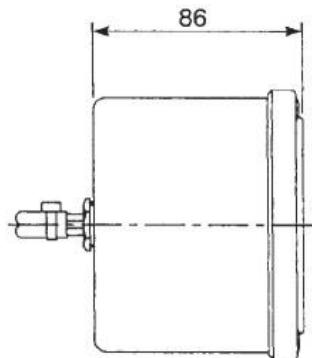
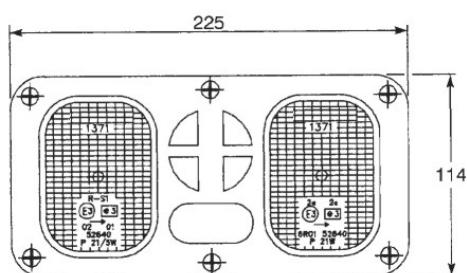


Sachnummer Part Number		L	Connector Stecker	
<b>PMB0750000</b>	24V 70W	400 mm	AMPHENOL 97B - 4108E14S - 6P - 622	-
<b>PMB1209000</b>	24V 70W	600 mm	AMPHENOL 97B - 4108E14S - 6P - 622	-

STOP STOP

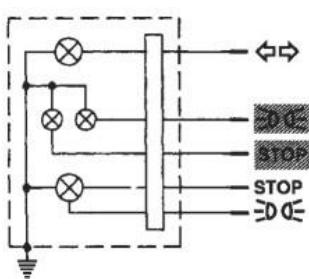


- Gehäuse und Rahmen in Aluminium
- Tarnmodus nach NATO-Spezifikationen
- ECE-CEE Homologation
- Schutzklasse IP68 (0,2bar)
  
- Housing and frame in treated/painted aluminium alloy
- Black-out services according to NATO specifications
- Homologations ECE-CEE
- Protection degree IP68 (0,2bar)



(E3)	(e 3)	(E3)
02	01	
6R01 52640	52640	
P 21W	P 21/5W	

E.C.E.-C.E.E.





Sachnummer Part Number	Type	RH	LH	LT	↔	☰	STOP					
<b>PM08762000</b>	A	X			X	X	X	X	X	24V		I.R. NATO Green / I.R. NATO Grün
<b>PM08763000</b>	A		X		X	X	X	X	X	24V		I.R. NATO Green / I.R. NATO Grün
<b>PM08942000</b>	A	X			X	X	X	X	X	12V		I.R. NATO Green / I.R. NATO Grün
<b>PM08943000</b>	A		X		X	X	X	X	X	12V		I.R. NATO Green / I.R. NATO Grün
<b>PM08765000</b>	A	X		X	X	X	X	X	X	24V		I.R. NATO Green / I.R. NATO Grün
<b>PM08764000</b>	A		X	X	X	X	X	X	X	24V		I.R. NATO Green / I.R. NATO Grün
<b>PM08850000</b>	A	X			X	X	X	X	X	24V		Green Ral 6014 / Grün Ral 6014
<b>PM08851000</b>	A		X		X	X	X	X	X	24V		Green Ral 6014 / Grün Ral 6014
<b>PM08854000</b>	A	X		X	X	X	X	X	X	24V		Green Ral 6014 / Grün Ral 6014
<b>PM08853000</b>	A		X	X	X	X	X	X	X	24V		Green Ral 6014 / Grün Ral 6014
<b>PM09920000</b>	A	X			X	X	X	X	X	24V		Camouflage Green / Camouflage Grün
<b>PM09919000</b>	A		X		X	X	X	X	X	24V		Camouflage Green / Camouflage Grün
<b>PMB0022000</b>	B	X			X	X	X	X	X	24V		Camouflage Green / Camouflage Grün
<b>PMB0025000</b>	B		X		X	X	X	X	X	24V		Camouflage Green / Camouflage Grün
<b>PM08777000</b>	A	X			X	X	X	X	X	24V		Green Ral 6031 / Grün Ral 6031
<b>PM08852000</b>	A		X		X	X	X	X	X	24V		Green Ral 6031 / Grün Ral 6031
<b>PM09860000</b>	A	X			X	X	X	X	X	24V		Camouflage Brown / Camouflage Braun
<b>PM09859000</b>	A		X		X	X	X	X	X	24V		Camouflage Brown / Camouflage Braun
<b>PMB0020000</b>	B	X			X	X	X	X	X	24V		Camouflage Brown / Camouflage Braun
<b>PMB0023000</b>	B		X		X	X	X	X	X	24V		Camouflage Brown / Camouflage Braun
<b>PMB0021000</b>	B	X			X	X	X	X	X	24V		Camouflage Black / Camouflage Schwarz
<b>PMB0024000</b>	B		X		X	X	X	X	X	24V		Camouflage Black / Camouflage Schwarz

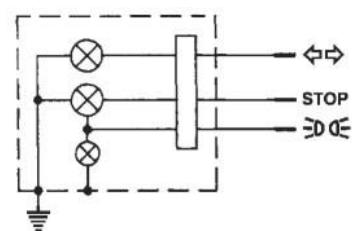
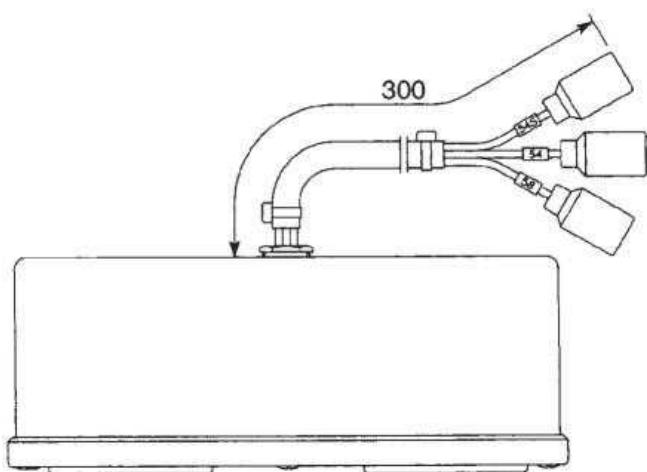
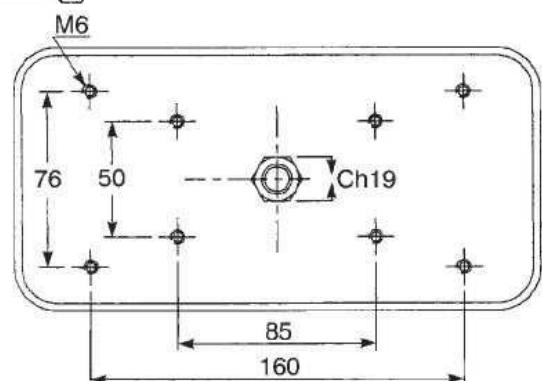
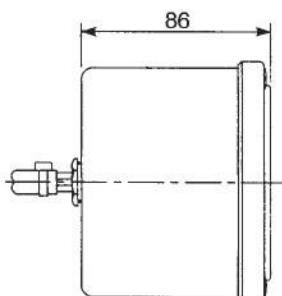
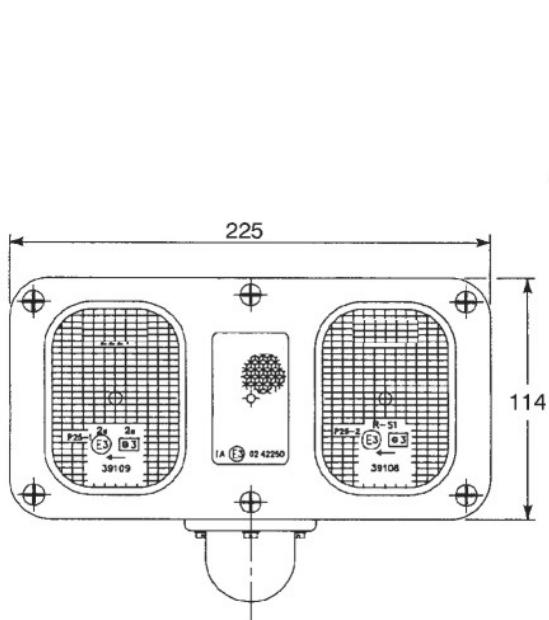
# Multifunktions-Rückleuchte Multifunction rear lamp

↔ ↔ ⚫ ⚫ STOP RLX



- Gehäuse und Rahmen in Aluminium
- Homologation: ECE - CEE
- Schutzklasse IP68 (0,2bar)

- Housing and frame in treated/painted aluminium alloy
- Homologations: ECE-CEE
- Protection degree IP68 (0,2bar)



2a (E3) 2a (e3) 6179 R-S1  
6R01 52640 1A (E3) 02 42250 02 (E3) 01  
P 21W P 21/5W

NORMI E.C.E.-C.E.E.

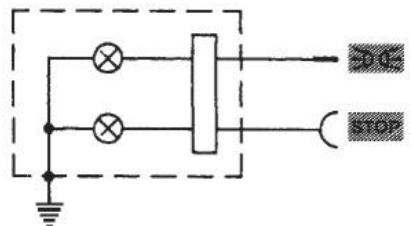
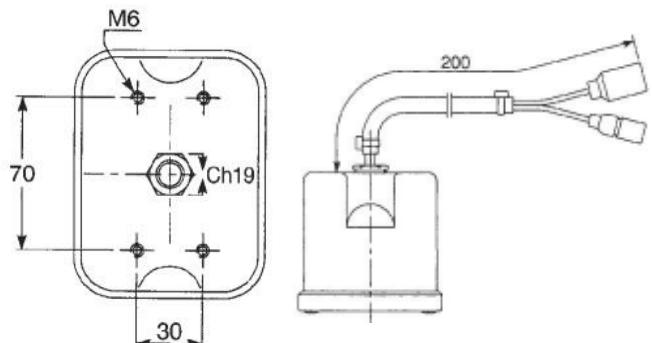
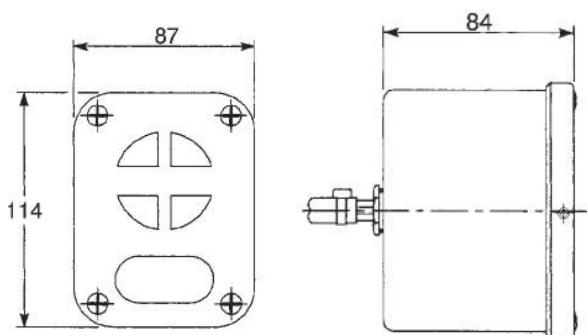


Sachnummer Part Number	RH	LH	LT	RLX	↔	☰	STOP		
<b>PC08856000</b>		X		X	X	X	X	24V	Matt Black / Matt Schwarz
<b>PC08859000</b>	X			X	X	X	X	24V	Matt Black / Matt Schwarz
<b>PC08862000</b>		X	X	X	X	X	X	24V	Matt Black / Matt Schwarz
<b>PC08865000</b>	X		X	X	X	X	X	24V	Matt Black / Matt Schwarz
<b>PC08857000</b>		X		X	X	X	X	24V	Matt White Ral 1013 / Matt Weiß Ral 1013
<b>PC08860000</b>	X			X	X	X	X	24V	Matt White Ral 1013 / Matt Weiß Ral 1013
<b>PC08863000</b>		X	X	X	X	X	X	24V	Matt White Ral 1013 / Matt Weiß Ral 1013
<b>PC08866000</b>	X		X	X	X	X	X	24V	Matt White Ral 1013 / Matt Weiß Ral 1013
<b>PC08858000</b>		X		X	X	X	X	24V	Red fire department Ral 3000 / Feuerwehrrot Ral 3000
<b>PC08861000</b>	X			X	X	X	X	24V	Red fire department Ral 3000 / Feuerwehrrot Ral 3000
<b>PC08864000</b>		X	X	X	X	X	X	24V	Red fire department Ral 3000 / Feuerwehrrot Ral 3000
<b>PC08867000</b>	X		X	X	X	X	X	24V	Red fire department Ral 3000 / Feuerwehrrot Ral 3000



**STOP** 

- Gehäuse und Rahmen aus Aluminium
- Tarnmodus nach NATO-Spezifikationen
- Schutzklasse IP68 (0,2 bar)
- Housing and frame in treated/painted aluminium alloy
- Blackout services according to NATO specifications
- Protection degree IP68 (0,2bar)

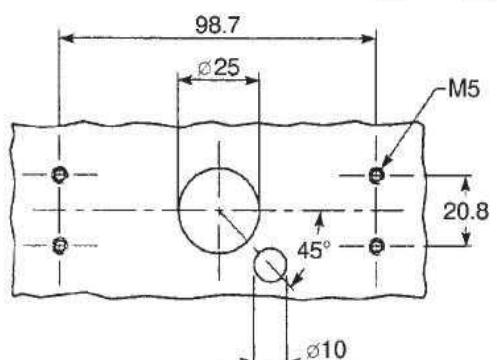
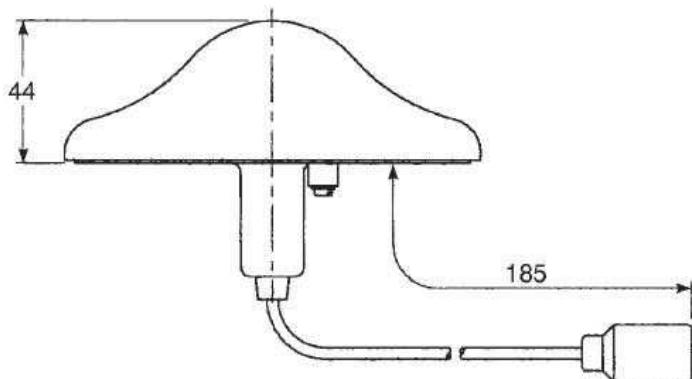
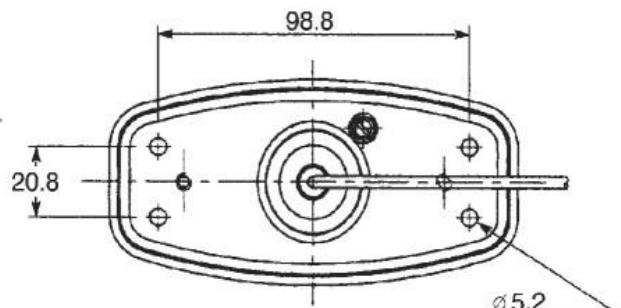
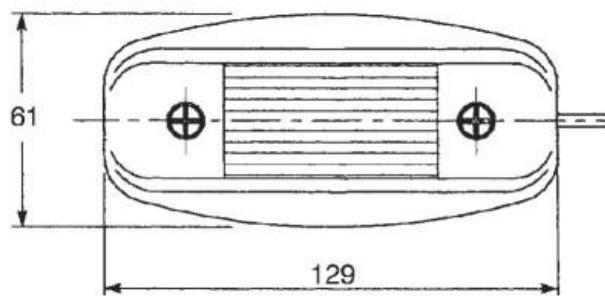


Sachnummer Part Number	RH	LH					
<b>PM04466000</b>	X	X	X	X	24V	I.R. MIL Green / I.R. MIL Grün	
<b>PM05513000</b>	X	X	X	X	24V	I.R. NATO Green / I.R. NATO Grün	
<b>PM05514000</b>	X	X	X	X	24V	MIL Green / MIL Grün	
<b>PM05515000</b>	X	X	X	X	24V	Green RAL 6003 / Grün RAL 6003	
<b>PM05516000</b>	X	X	X	X	24V	Libya Beige / Libyen Beige	
<b>PM05517000</b>	X	X	X	X	24V	Matt White / Matt Weiß	
<b>PM09136000</b>	X	X	X	X	12V	I.R. NATO Green / I.R. NATO Grün	
<b>PM09188000</b>	X	X	X	X	24V	Italy Blue / Italien Blau	
<b>PM09831000</b>	X	X	X	X	24V	Sand Beige / Sand Beige	



- Gehäuse aus Aluminium
- Homologation: ECE - CEE
- Schutzklasse IP68 (0,2bar)

- Base and housing in treated/painted alluminium alloy
- Homologations: ECE-CEE
- Protection degree IP68 (0,2bar)



Sachnummer Part Number			
PM03234000	X	24V 10W	I.R. MIL Green / I.R. MIL Grün
PM07417000	X	24V 10W	I.R. NATO Green / I.R. NATO Grün

R 19/5

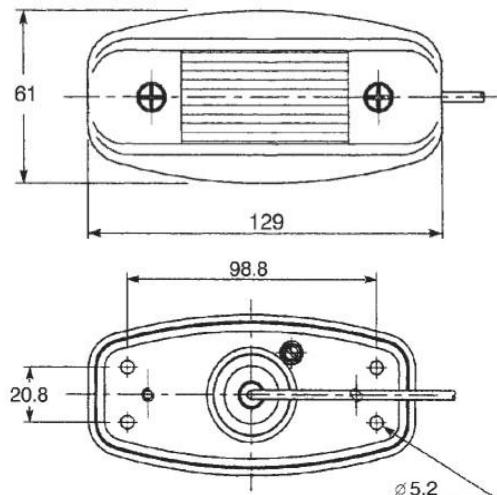
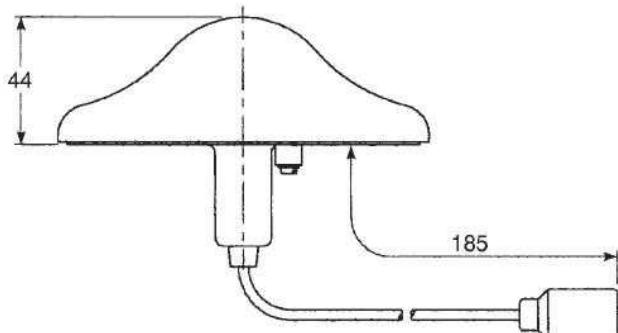
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1723

## Hintere Tarnrückleuchte Rear black out position lamp

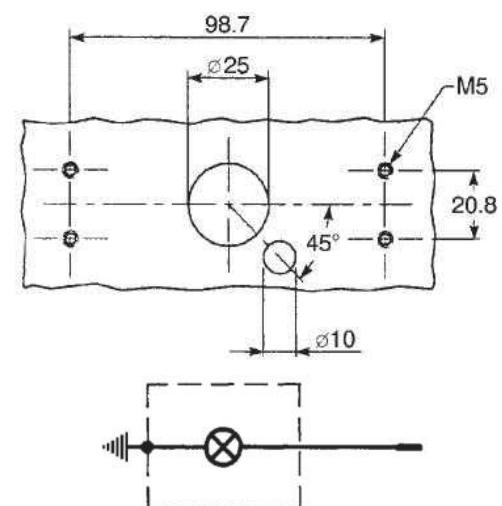


ED 02

- Gehäuse aus Aluminium
- Tarnmodus nach STANAG Spezifikationen
- Schutzklasse IP68 (0,2bar)
- Base and housing in treated/painted aluminium alloy
- Black-out service according to STANAG specifications
- Protection degree IP68 (0,2bar)

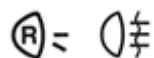


Sachnummer Part Number	ED 02		
<b>PM03236000</b>	X	24V 5W	MIL Green / MIL Grün
<b>PM06330000</b>	X	24V 5W	I.R. MIL Green / I.R. MIL Grün
<b>PM07418000</b>	X	24V 5W	I.R. NATO Green / NATO Grün



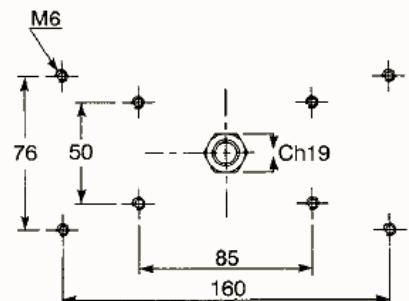
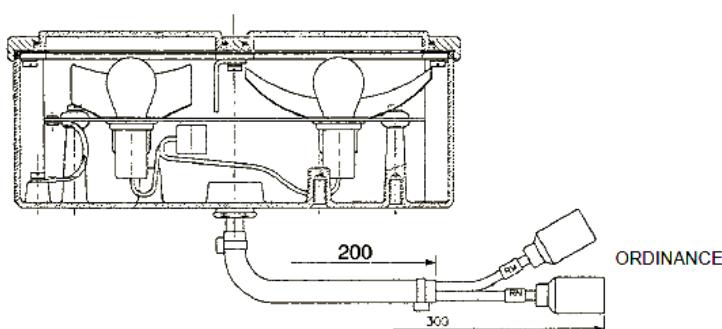
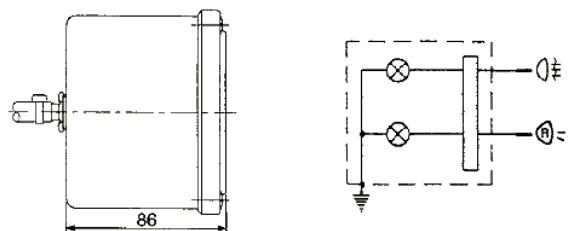
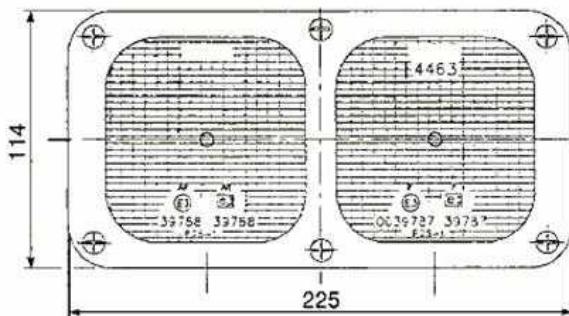
# Nebelschluss- und Rückfahrleuchte Kombilampe

## Rear reverse-fog combi lamps



- Gehäuse aus Aluminium
- Homologation: ECE - CEE
- Schutzklasse IP68 (0,2 bar)

- Housing and frame in treated/painted aluminium alloy
- Homologations: ECE-CEE
- Protection degree IP68 (0,2bar)

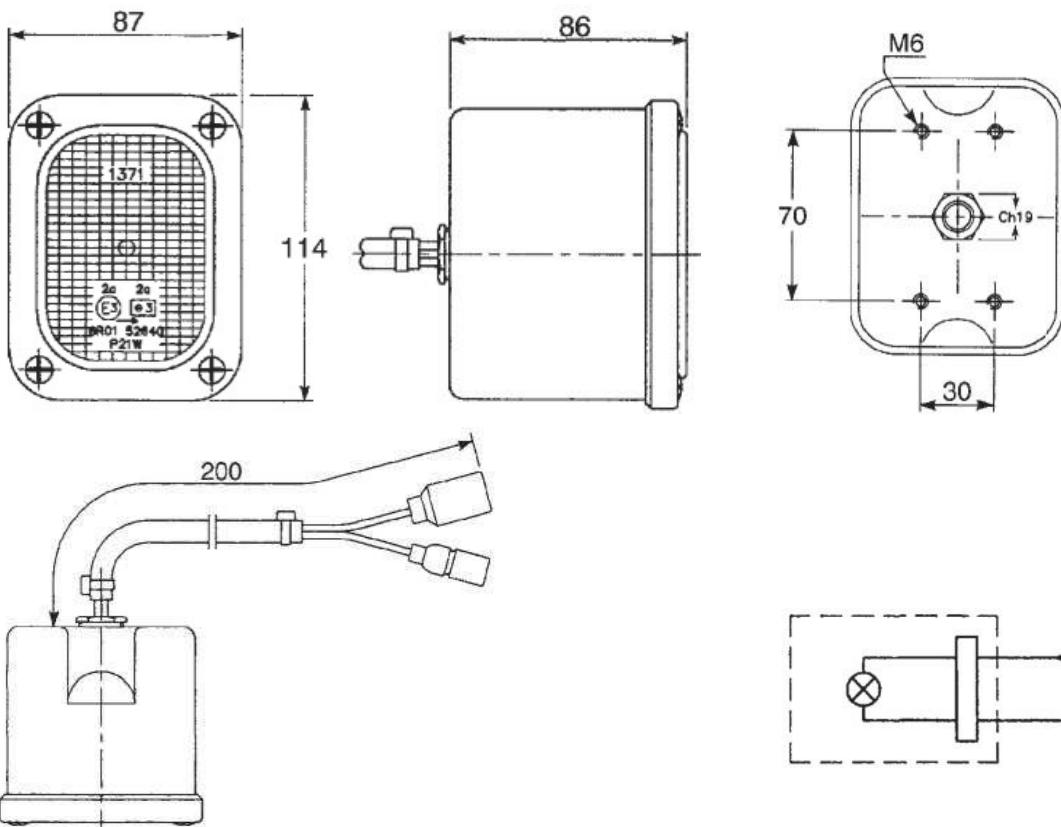


Sachnummer Part Number				
PC04463000	24V 21W	X	X	I.R. MIL Green / MIL Grün
PC05518000	24V 21W	X	X	I.R. NATO Green / NATO Grün
PC05519000	24V 21W	X	X	Green Ral 6014 / Grün Ral 6014
PC05520000	24V 21W	X	X	Green Ral 6003 / Grün Ral 6003
PC05521000	24V 21W	X	X	Libya Beige / Libyen Beige
PC05522000	24V 21W	X	X	Matt White / Matt Weiß
PC09748000	24V 21W	X	X	Matt Black / Matt Schwarz
PMB0660000	24V 21W	X	X	Black Ral 9005 / Schwarz Ral 9005



- Gehäuse aus Aluminium
- Homologation: ECE - CEE
- Schutzklasse IP68 (0,2bar)

- Housing and frame in treated/painted aluminium alloy
- Homologations: ECE-CEE
- Protection degree IP68 (0,2bar)



Sachnummer Part Number		RH	LH			
<b>PM09633000</b>	24V 21W	X		X	I.R. NATO Green / I.R. NATO Grün	  <b>2a</b> <b>E3</b> <b>2a</b> <b>e3</b> 6R01 52640 P 21W
<b>PM09657000</b>	24V 21W		X	X	I.R. NATO Green / NATO Grün	
<b>PM09743000</b>	24V 21W	X		X	I.R. MIL Green / MIL Grün	
<b>PM09744000</b>	24V 21W		X	X	I.R. MIL Green / MIL Grün	

# Nebelschluss- und Rückfahrleuchte Rear fog lamp and reverse lamp



(R) = Ø‡

- Gehäuse aus Aluminium
- Homologation: ECE - CEE
- Schutzklasse IP68 (0,2bar)

- Housing and frame in treated/painted aluminium alloy
- Homologations: ECE-CEE
- Protection degree IP68 (0,2bar)

Ø‡

5103

F F

(F3) (e3)

0045082

P21W

(R) =

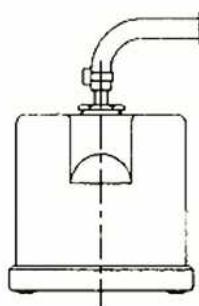
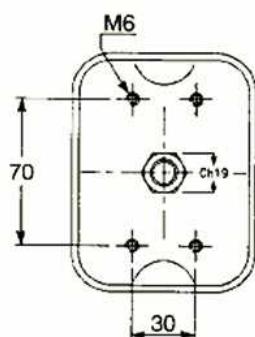
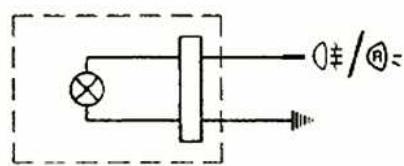
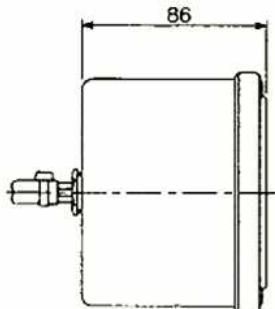
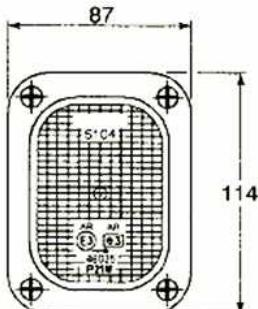
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AR AR

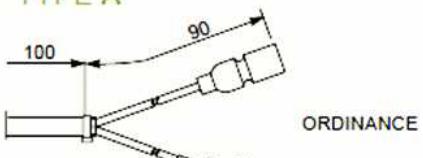
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45025

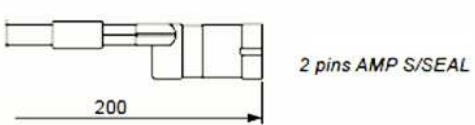
P21W



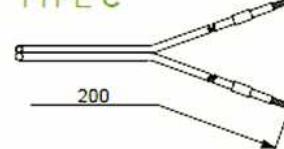
TYPE A



TYPE B



TYPE C



# Nebelschluss- und Rückfahrleuchte

## Rear fog lamp and reverse lamp



Sachnummer Part Number	Type				
PC05103000	A	24V 21W		X	Red Ral 3000 / Rot Ral 3000
PC05104000	A	24V 21W	X		Red Ral 3000 / Rot Ral 3000
PC07646000	A	24V 21W		X	I.R. NATO Green / NATO grün
PC07640000	A	24V 21W	X		I.R. NATO Green / NATO grün
PC07647000	A	24V 21W		X	Green Ral 6014 / Grün Ral 6014
PC07641000	A	24V 21W	X		Green Ral 6014 / Grün Ral 6014
PC07648000	A	24V 21W		X	White Ral 1013 / Weiß
PC07642000	A	24V 21W	X		White Ral 1013 / Weiß
PC07649000	A	24V 21W		X	Black IC 067 / Schwarz
PC07643000	A	24V 21W	X		Black IC 067 / Schwarz
PC07650000	A	24V 21W		X	Beige Libya / Lybien Beige
PC07644000	A	24V 21W	X		Beige Libya / Lybien Beige
PC08835000	A	24V 21W		X	Green Spain / Spanien Grün
PC08836000	A	24V 21W	X		Green Spain / Spanien Grün
PC08892000	A	12V 21W		X	I.R. Military Green / MIL Grün
PC08891000	A	12V 21W	X		I.R. Military Green / MIL Grün
PC08985000	A	24V 21W		X	Green Macedonien / Mazedonien Grün
PC08987000	A	24V 21W	X		Green Macedonien / Mazedonien Grün
PC09683000	A	24V 21W		X	Camouflage Brown / Camouflage Braun
PC09700000	A	24V 21W	X		Camouflage Brown / Camouflage braun
PC09745000	A	24V 21W		X	I.R. Military Green / MIL Grün
PC09746000	A	24V 21W	X		I.R. Military Green / MIL Grün

# Nebelschluss- und Rückfahrleuchte

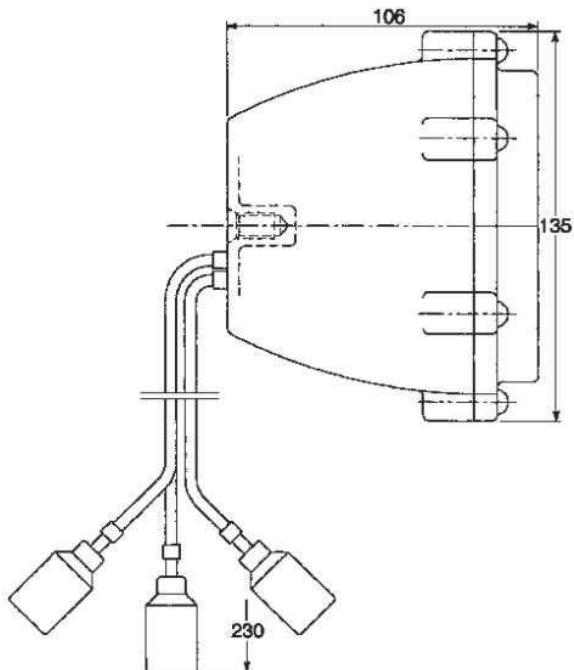
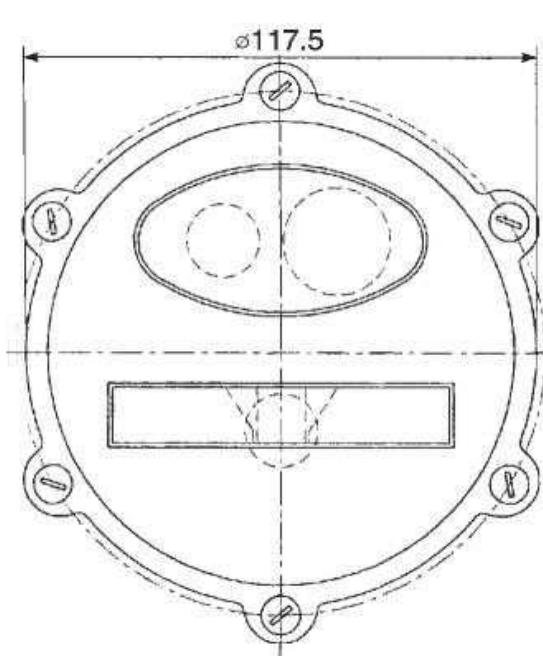
## Rear fog lamp and reverse lamp



Sachnummer Part Number	Type				
PC08986000	A	24V – 21W		X	Red IC 102 / Rot IC 102
PC08988000	A	24V – 21W	X		Red IC 102 / Rot IC 102
PMB1045000	A	12V – 21W		X	I.R. NATO Green / I.R. NATO Grün
PMB1046000	A	12V – 21W	X		I.R. NATO Green / I.R. NATO Grün
PMB1358000	A	24V – 21W		X	Norway Beige / Norwegen Beige
PMB1360000	A	24V – 21W	X		Norway Beige / Norwegen Beige
PMB1359000	A	24V – 21W		X	Algeria Green / Algerien Grün
PMB1361000	A	24V – 21W	X		Algeria Green / Algerien Grün
PMB0278000	B	24V – 21W		X	Camouflage Green / Tarn-Grün
PMB0277000	B	24V – 21W	X		Camouflage Green / Tarn-Grün
PMB0013000	B	24V – 21W		X	Camouflage Black / Camouflage Schwarz
PMB0012000	B	24V – 21W	X		Camouflage Black / Camouflage Schwarz
PM09443000	B	24V – 21W		X	I.R. NATO Green / I.R. NATO Grün
PM09442000	B	24V – 21W	X		I.R. NATO Green / I.R. NATO Grün
PMB1588000	C	24V – 21W		X	Matt Black / Matt Schwarz
PMB1589000	C	24V – 21W	X		Matt Black / Matt Schwarz



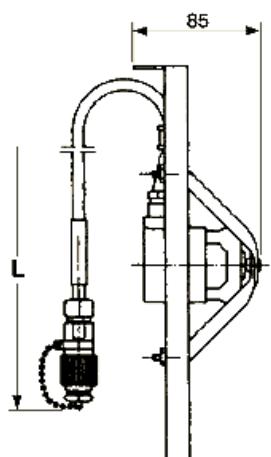
- Gehäuse aus Aluminium
- Tarnlichtmodus nach MIL-Standard Spezifikationen
- Schutzklasse IP68 (0,2bar)
- Housing and frame in treated/painted aluminium alloy
- Blackout services according to MIL-military standard specifications
- Protection degree IP68 (0,2 bar)



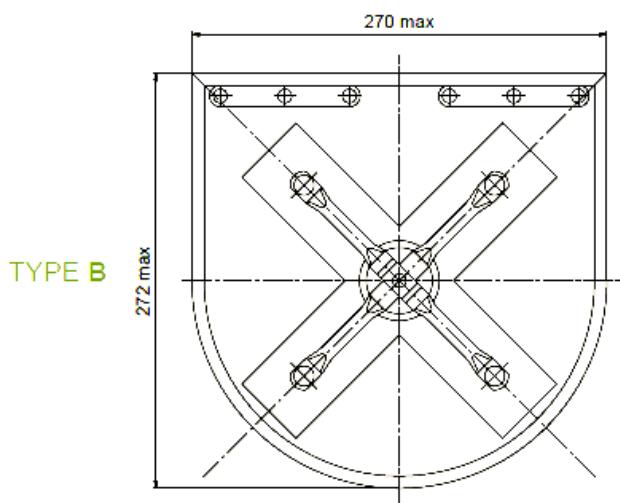
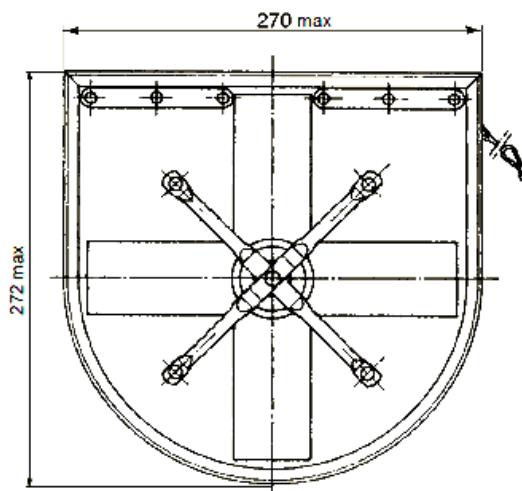
Sachnummer Part Number	P/N MS	◀▶	STOP	STOP	STOP	STOP	KEY	WRENCH
<b>PM56250000</b>	MS 51330				X	X	24V	X
<b>PM56255000</b>	MS 51329		X	X	X		24V	X
<b>PM05121000</b>		X	X		X		24V	X
<b>PM07250000</b>			X	X	X		24V	X



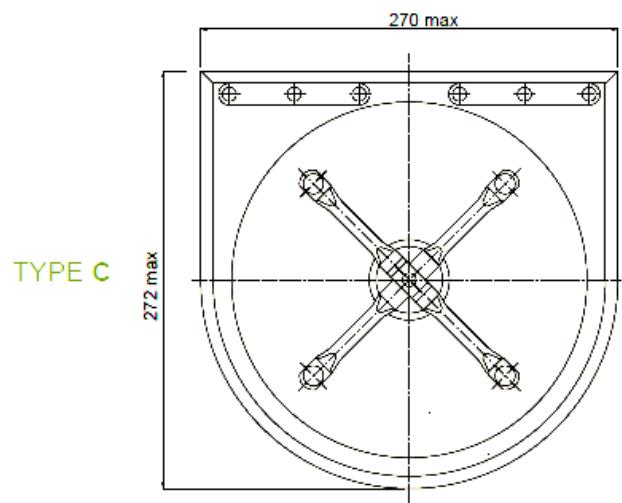
- Gummileuchte
- Lampengehäuse aus Aluminium
- Lampenhalterung aus Stahl
- Schutzklasse IP68 (0,2 bar)
- Rubber plate cross
- Lamp housing in treated / painted aluminium alloy
- Lamp holders in treated / painted steel
- Protection degree IP68 (0,2 bar)



TYPE A



TYPE B



TYPE C

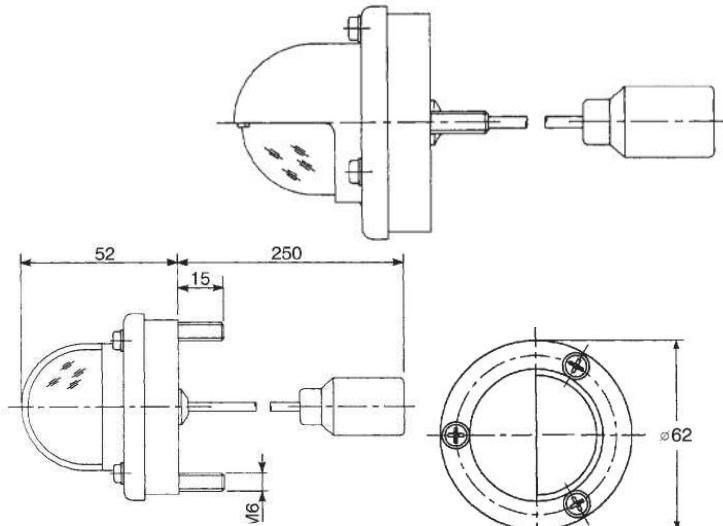
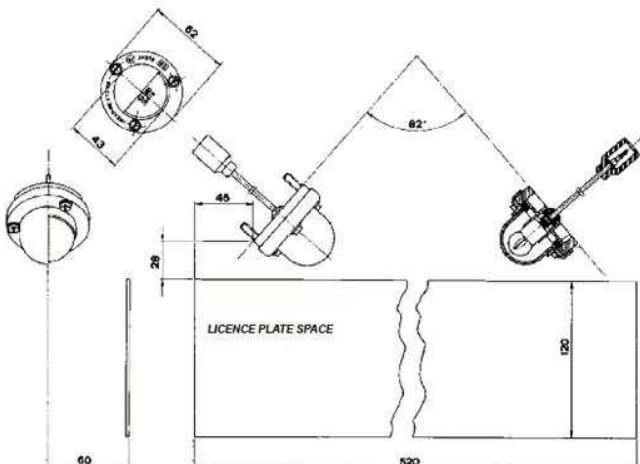


Sachnummer Part Number	Type		L	Connector	
<b>PM02941000</b>	A	24V 3W	350mm	MS3106 MR 14S-7P	MIL Green / MIL Grün
<b>PM04089000</b>	A	24V 3W	350mm	MS3106 MR 14S-7P	I.R. MIL Green / MIL Grün
<b>PM05966000</b>	A	24V 2W	400mm	MS3106 MR 14S-7P	Green Germany / Deutschland Grün
<b>PM06478000</b>	A	24V 2W	-	-	Green Germany / Deutschland Grün
<b>PM06794000</b>	A	24V 2W	-	-	MIL Green / MIL Grün
<b>PM08174000</b>	A	24V 2W	1000mm	-	Green Germany / Deutschland Grün
<b>PM08538000</b>	A	24V 3W	480mm	V695234 M 14S-6PN	I.R. MIL Green / MIL Grün
<b>PM08546000</b>	A	24V 2W	-	-	MIL Green / MIL Grün
<b>PMB0907000</b>	A	12V 2W	-	-	Green Ral 6031 / Grün Ral 6031
<b>PMB0458000</b>	B	24V 2W	-	-	Green Ral 6031 / Grün Ral 6031
<b>PMB1444000</b>	B	12V 2W	-	-	Green Ral 6031 / Grün Ral 6031
<b>PMB0445000</b>	C	24V 2W	-	-	Green Ral 6014 / Grün Ral 6014
<b>PMB1110000</b>	C	12V 2W	-	-	Green Ral 6014 / Grün Ral 6014

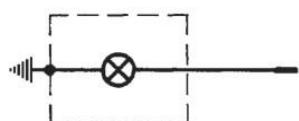
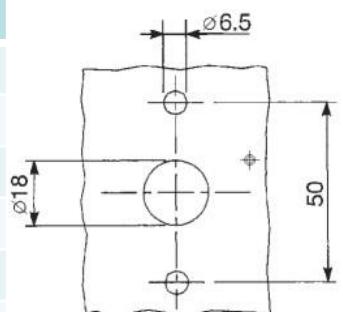


- Gehäuse und Kappe aus Aluminium
- Homologation: ECE - CEE
- Schutzklasse IP68 (0,2bar)

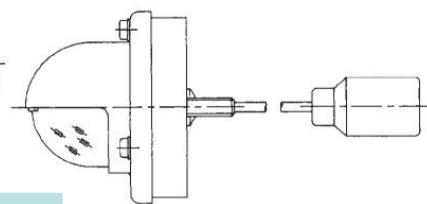
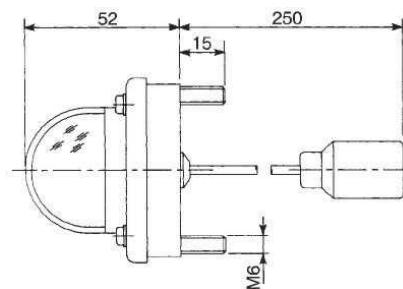
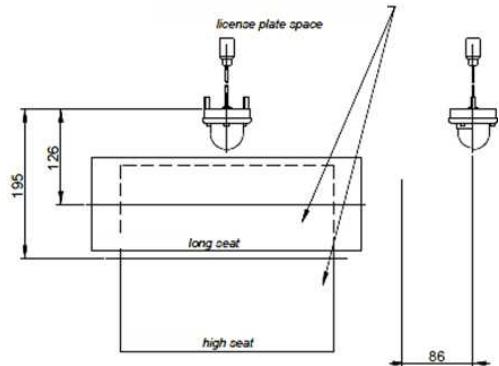
- Housing and cup in treated/painted aluminium alloy
- Homologations: ECE - CEE
- Protection degree IP68 (0,2 bar)



Sachnummer Part Number	LT		
<b>PM02169000</b>	X	24V 5W	MIL Green Mat. 565 / MIL Grün
<b>PM03666000</b>	X	24V 5W	MIL Green / MIL Grün
<b>PM03667000</b>	X	24V 5W	I.R. MIL Green / I.R. MIL Grün
<b>PM03692000</b>	X	24V 5W	Beige / Beige
<b>PM04926000</b>	X	24V 5W	I.R. NATO green / I.R. NATO grün
<b>PM05233000</b>	X	24V 5W	Camel 563 / Camel 563
<b>PM05400000</b>	X	24V 5W	Light Beige / Hellbeige
<b>PM05450000</b>	X	24V 5W	Light Green / Hellgrün
<b>PM05451000</b>	X	12V 5W	MIL Green Mat. 565 / MIL Grün
<b>PM05452000</b>	X	24V 5W	Black Mat. 601 / Schwarz Mat. 601
<b>PM08042000</b>	X	12V 5W	MIL Green / MIL Grün



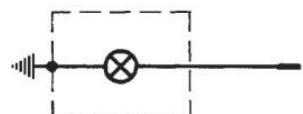
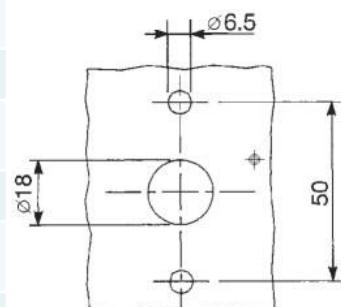
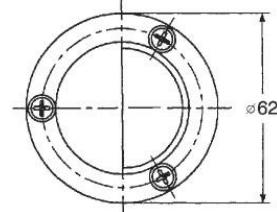
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- Gehäuse und Kappe aus Aluminium
- Homologation: ECE - CEE
- Schutzklasse IP68 (0,2bar)

- Housing and cup in treated/painted aluminium alloy
- Homologations: ECE - CEE
- Protection degree IP68 (0,2 bar)

Sachnummer Part Number	LT		
<b>PM08889000</b>	X	24V 10W	I.R. NATO Green / I.R. NATO Grün
<b>PM08908000</b>	X	24V 10W	MIL Green / MIL Grün
<b>PM08909000</b>	X	24V 10W	Beige Ral 1019 / Beige Ral 1019
<b>PM08949000</b>	X	24V 10W	Matt Black / Mattschwarz
<b>PM08968000</b>	X	24V 10W	Spain Green / Spanien Grün
<b>PM08969000</b>	X	24V 10W	Macedonia Green / Mazedonien Grün
<b>PM08977000</b>	X	24V 10W	Algeria Green / Algerien Grün
<b>PM08978000</b>	X	24V 10W	France Red Fire Department / Frankreich Feuerwehrrot
<b>PM08979000</b>	X	24V 10W	Red Ral 3000 / Rot Ral 3000
<b>PM08980000</b>	X	24V 10W	Middle Bronze Green / Mittleres Bronze Grün
<b>PM08981000</b>	X	24V 10W	Belgium Blue / Belgien Blau
<b>PM09177000</b>	X	24V 10W	Italy Blue / Italien Blau
<b>PM09338000</b>	X	24V 10W	Argentina Green / Argentinien Grün
<b>PM09509000</b>	X	24V 10W	Ivory Ral 1014
<b>PM09684000</b>	X	24V 10W	Camouflage Green / Camouflage Grün
<b>PM09985000</b>	X	12V 10W	I.R. NATO Green / I.R. NATO Grün
<b>PMB1532000</b>	X	24V 10W	Matt White / Matt Weiß
<b>PMB1602000</b>	X	24V 10W	Green Ral 6031 / Grün Ral 6031



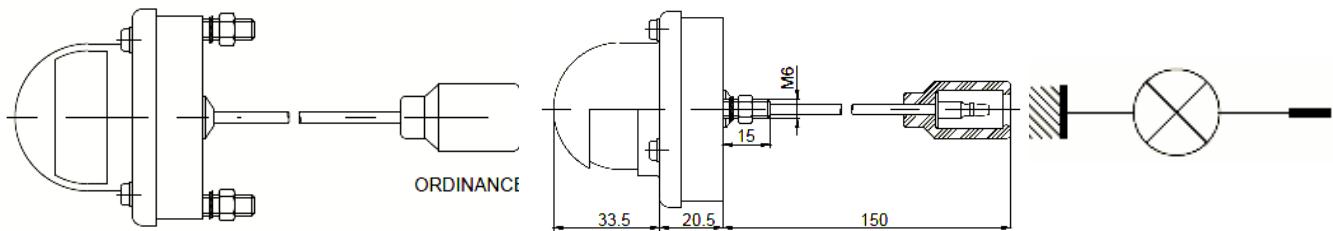
   
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# Kennzeichenbeleuchtung License plate lamp (not homologated)

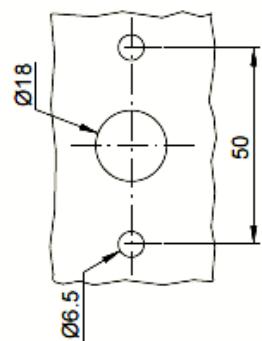
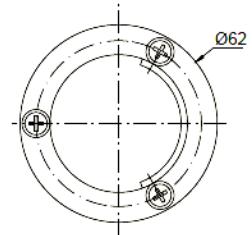


- Gehäuse und Kappe aus Aluminium
- Homologation: ECE - CEE
- Schutzklasse IP68 (0,2bar)

- Housing and cup in treated/painted aluminium alloy
- Homologation: ECE - CEE
- Protection degree IP68 (0,2 bar)



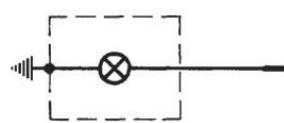
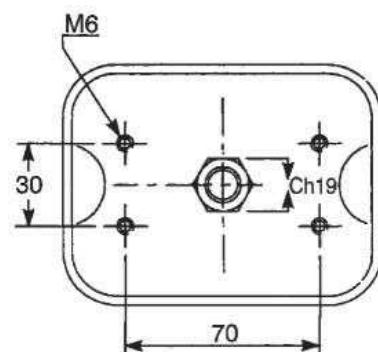
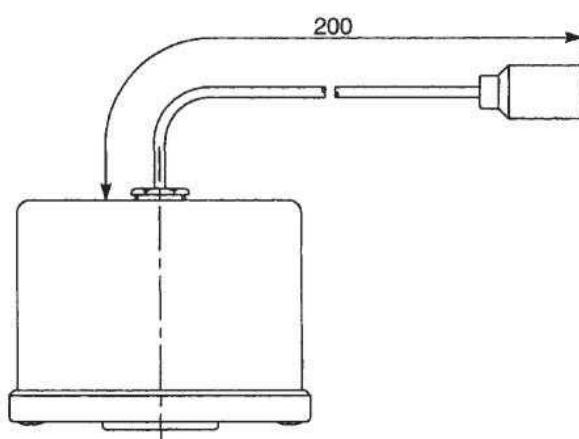
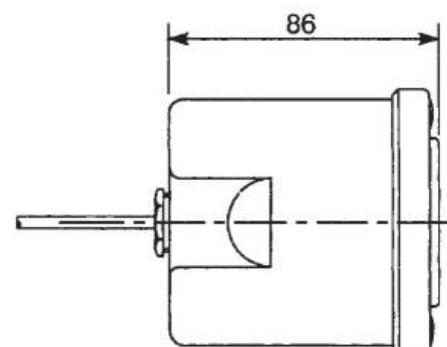
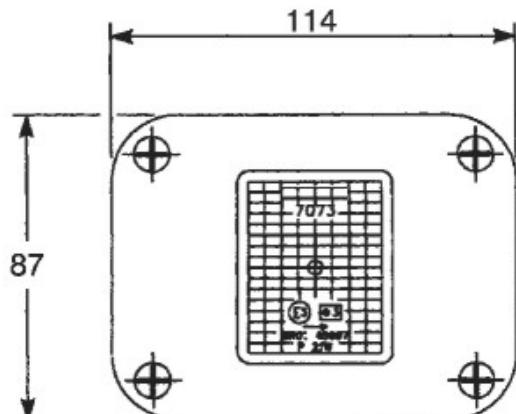
Sachnummer Part Number	LT		
PM01704000	X	24V 5W	MIL Green / MIL Grün
PM05114000	X	24V 5W	Ivory White / Weiß
PM05449000	X	24V 5W	I.R. MIL Green / I.R. MIL Grün
PM06140000	X	24V 5W	I.R. NATO Green / I.R. NATO Grün
PM07925000	X	24V 5W	Sand Beige
PM06809000	X	24V 5W	Beige MIL – E – 52798
PM09718000	X	24V 5W	Italy Blue / Italien Blau
PM09987000	X	24V 5W	Matt White / Matt Weiß
PM09988000	X	24V 5W	Matt Green / Matt Grün
PM09989000	X	24V 5W	MIL Green / MIL Grün
PM09990000	X	24V 5W	Camouflage Green / Camouflage Grün
PM09991000	X	24V 5W	Camouflage Black / Camouflage Schwarz
PM09992000	X	24V 5W	Camouflage Brown / Camouflage Braun





- Gehäuse aus Aluminium
- Homologation: ECE-CEE
- Schutzklasse IP68 (0,2bar)

- Housing and frame in treated/painted aluminium alloy
- Homologations: ECE-CEE
- Protection degree IP68 (0,2 bar)



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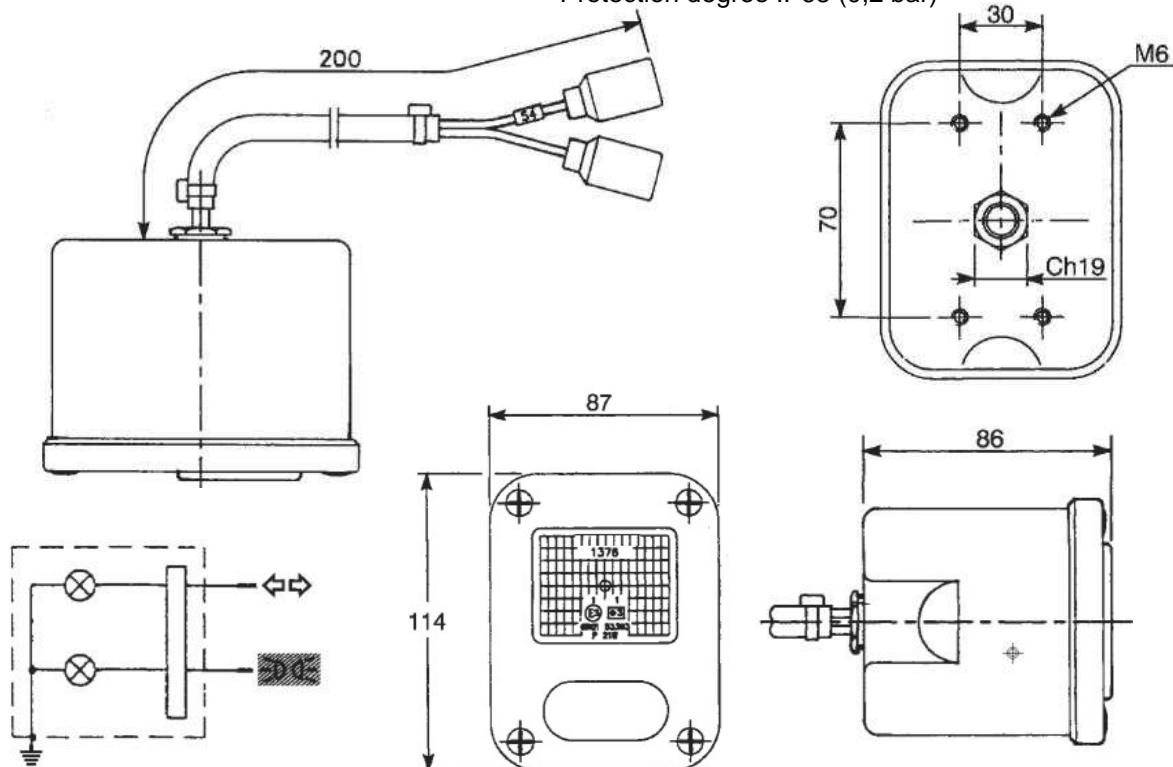
Sachnummer Part Number		RH	LH		
<b>PC07022000</b>	24V – 21W	X		X	I.R. NATO Green / I.R. NATO Grün
<b>PC07073000</b>	24V – 21W		X	X	I.R. NATO Green / I.R. NATO Grün
<b>PC07055000</b>	24V – 21W	X		X	Red Ral 3000 / Rot Ral 3000
<b>PC07074000</b>	24V – 21W		X	X	Red Ral 3000 / Rot Ral 3000
<b>PC07056000</b>	24V – 21W	X		x	Matt White Ral 1013 / Matt Weiß Ral 1013
<b>PC07075000</b>	24V – 21W		X	X	Matt White Ral 1013 / Matt Weiß Ral 1013
<b>PC07057000</b>	24V – 21W	X		X	Matt Black IC 067 / Matt Schwarz IC 067
<b>PC07076000</b>	24V – 21W		X	X	Matt Black IC 067 / Matt Schwarz IC 067
<b>PC07323000</b>	24V – 21W	X		X	Belgium Blue Ral 5004 / Belgien Blau Ral 5004
<b>PC07322000</b>	24V – 21W		X	X	Belgium Blue Ral 5004 / Belgien Blau Ral 5004
<b>PC07372000</b>	24V – 21W	X		X	White IC 194 / Weiß IC 194
<b>PC07374000</b>	24V – 21W		X	X	White IC 194 / Weiß IC 194
<b>PC07378000</b>	24V – 21W	X		X	Red IC 195 / Rot IC 195
<b>PC07379000</b>	24V – 21W		X	X	Red IC 195 / Rot IC 195
<b>PC08070000</b>	24V – 21W	X		X	Green Ral 6031 / Grün Ral 6031
<b>PC08069000</b>	24V – 21W		X	X	Green Ral 6031 / Grün Ral 6031
<b>PC08156000</b>	24V – 21W	X		X	MIL Green Ral 6014 / MIL Grün Ral 6014
<b>PC08155000</b>	24V – 21W		X	X	MIL Green Ral 6014 / MIL Grün Ral 6014
<b>PC08966000</b>	24V – 21W	X		X	Macedonia Green / Mazedonien Grün
<b>PC08967000</b>	24V – 21W		X	X	Macedonie Green / Mazedonien Grün
<b>PC09004000</b>	24V – 21W	X		X	Spain Green / Spanien Grün
<b>PC09006000</b>	24V – 21W		X	X	Spain Green / Spanien Grün



Sachnummer Part Number		RH	LH		
<b>PC09005000</b>	24V – 21W	X		X	WFF France Red IC 102 / WFF Frankreich Rot IC 102
<b>PC09007000</b>	24V – 21W		X	X	WFF France Red IC 102 / WFF Frankreich Rot IC 102
<b>PC09248000</b>	24V – 21W	X		X	Italy Blue / Blau Italien
<b>PC09249000</b>	24V – 21W		X	X	Italy Blue / Blau Italien
<b>PC09336000</b>	24V – 21W	X		X	Argentinia Green / Argentinien Grün
<b>PC09337000</b>	24V – 21W		X	X	Argentinia Green / Argentinien Grün
<b>PC09426000</b>	24V – 21W	X		X	Algeria Green / Algerien Grün
<b>PC09427000</b>	24V – 21W		X	X	Algeria Green / Algerien Grün
<b>PC09511000</b>	24V – 21W	X		X	Ivory Ral 1014
<b>PC09510000</b>	24V – 21W		X	X	Ivory Ral 1014
<b>PMB1479000</b>	24V – 21W	X		X	Camouflage Black / Camouflage Schwarz
<b>PMB1478000</b>	24V – 21W		X	X	Camouflage Black / Camouflage Schwarz



- Gehäuse aus Aluminium
- Tarnlichtmodus nach NATO-Spezifikationen
- Homologation: ECE - CEE
- Schutzklasse IP68 (0,2bar)
  
- Housing and frame in treated/painted aluminium alloy
- Blackout services according to NATO specifications
- Homologations: ECE - CEE
- Protection degree IP68 (0,2 bar)



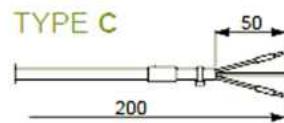
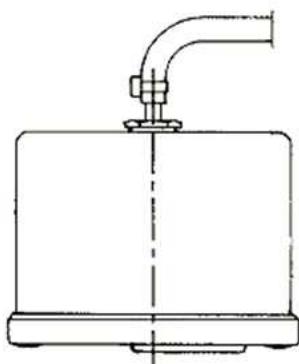
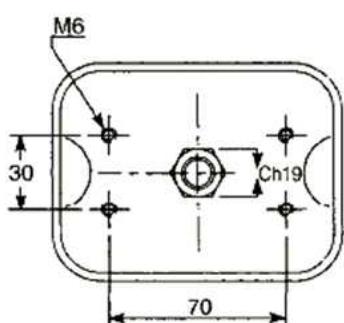
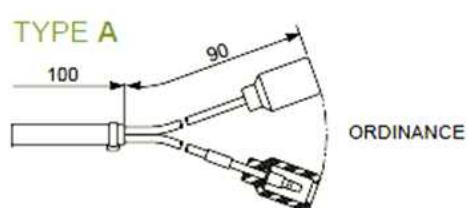
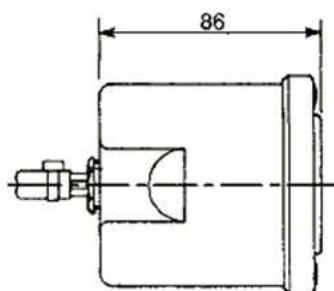
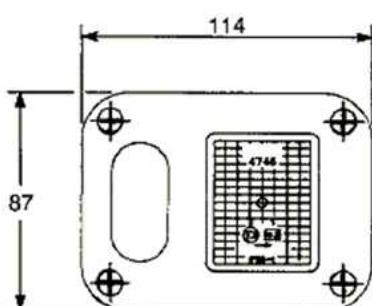
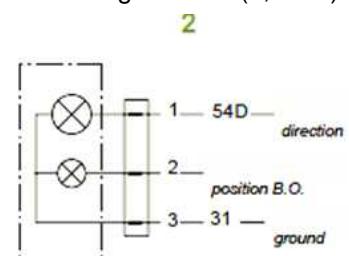
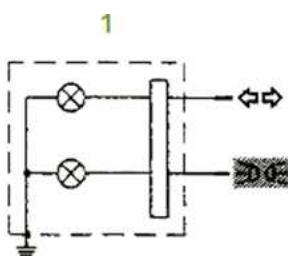
Sachnummer Part Number		RH	LH			
<b>PM08766000</b>	24V	X	X	X	X	I.R. NATO Green / I.R. NATO Grün
<b>PM08911000</b>	24V	X	X	X	X	MIL Green Ral 6014 / MIL Grün Ral 6014
<b>PM08912000</b>	24V	X	X	X	X	Bronze Green Ral 6031 / Bronze Grün Ral 6031
<b>PM09751000</b>	24V	X	X	X	X	I.R. MIL Green / I.R. MIL Grün

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6R01 53363  
P 21W



- Gehäuse aus Aluminium
- Tarnlichtmodus nach NATO-Spezifikationen
- Homologation: ECE - CEE
- Schutzklasse IP68 (0,2bar)
- Housing and frame in treated/painted aluminium alloy
- Blackout services according to NATO
- Homologations: ECE - CEE specifications
- Protection degree IP68 (0,2 bar)

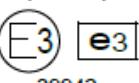
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## Blinker vorne Front direction lamp

Sachnummer Part Number	Type		RH	LH			Wiring Diagram Schaltplan	
<b>PM04464000</b>	A	24V	X		X	X	1	I.R. MIL Green / MIL Grün
<b>PM04747000</b>	A	24V		X	X	X	1	I.R. MIL Green / MIL Grün
<b>PM05476000</b>	A	24V	X		X	X	1	I.R. NATO Green / I.R. NATO Grün
<b>PM05477000</b>	A	24V		X	X	X	1	I.R. NATO Green / I.R. NATO Grün
<b>PM05478000</b>	A	24V	X		X	X	1	MIL Green / MIL Grün
<b>PM05479000</b>	A	24V		X	X	X	1	MIL Green / MIL Grün
<b>PM05480000</b>	A	24V	X		X	X	1	Green Ral 6003 / Grün Ral 6003
<b>PM05481000</b>	A	24V		X	X	X	1	Green Ral 6003 / Grün Ral 6003
<b>PM05482000</b>	A	24V	X		X	X	1	Libya Beige IC 038 / Libyen Beige IC 038
<b>PM05483000</b>	A	24V		X	X	X	1	Libya Beige IC 038 / Libyen Beige IC 038
<b>PM05484000</b>	A	24V	X		X	X	1	Matt White Ral 1013 / Matt Weiß Ral 1013
<b>PM05485000</b>	A	24V		X	X	X	1	Matt White Ral 1013 / Matt Weiß Ral 1013
<b>PM06132000</b>	A	24V	X		X	X	1	Middle Bronze Green / Grün
<b>PM06133000</b>	A	24V		X	X	X	1	Middle Bronze Green / Grün
<b>PM06709000</b>	A	24V	X		X	X	1	White IC 030 / Weiß IC 030
<b>PM06712000</b>	A	24V		X	X	X	1	White IC 030 / Weiß IC 030
<b>PM07036000</b>	A	24V	X		X	X	1	Red IC 096 / Rot IC 096
<b>PM07035000</b>	A	24V		X	X	X	1	Red IC 096 / Rot IC 096
<b>PM07325000</b>	A	24V	X		X	X	1	Belgium Blue Ral 5004 / Belgien Blau Ral 5004
<b>PM07324000</b>	A	24V		X	X	X	1	Belgium Blue Ral 5004 / Belgien Blau Ral 5004
<b>PM08178000</b>	A	24V	X		X	X	1	Pakistan Beige IC 251
<b>PM08179000</b>	A	24V		X	X	X	1	Pakistan Beige IC 251
<b>PM08332000</b>	A	24V	X		X	X	1	U.A.E. Beige / V.A.E. Beige
<b>PM08333000</b>	A	24V		X	X	X	1	U.A.E. Beige / V.A.E. Beige
<b>PM08896000</b>	A	12V	X		X	X	1	I.R. MIL Green / I.R. MIL Grün
<b>PM08897000</b>	A	12V		X	X	X	1	I.R. MIL Green / I.R. MIL Grün
<b>PM08956000</b>	A	24V	X		X	X	1	Algeria Green / Algerien Grün
<b>PM08958000</b>	A	24V		X	X	X	1	Algeria Green / Algerien Grün

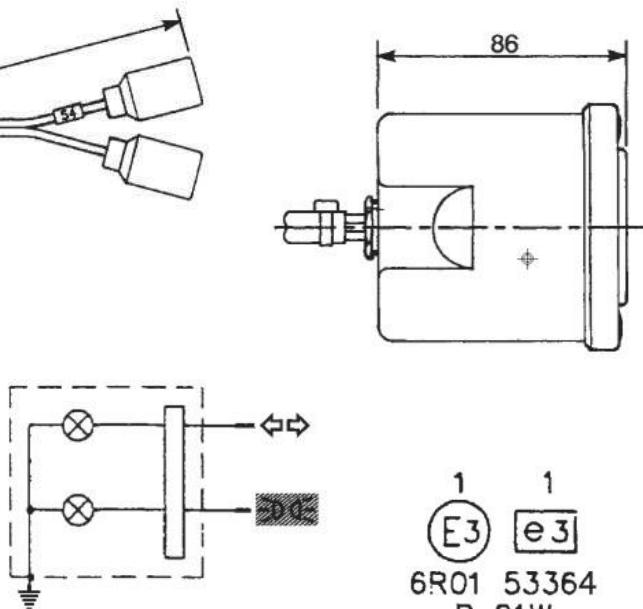
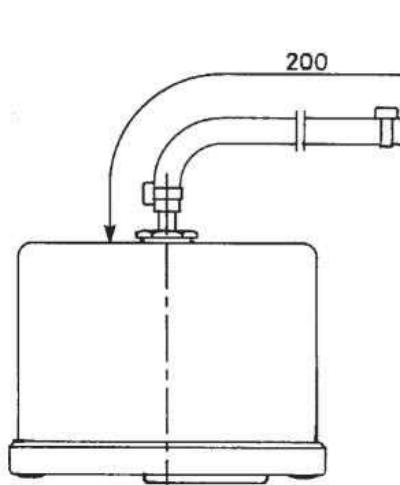
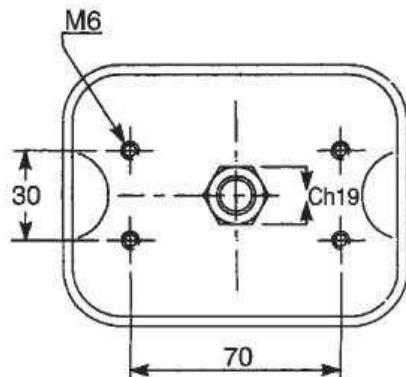
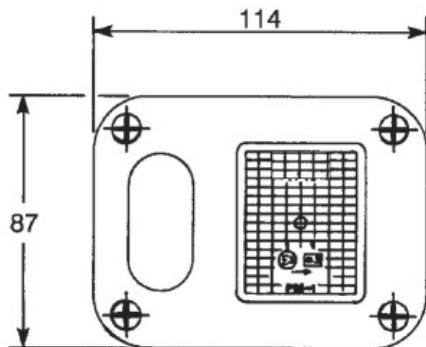
  
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Sachnummer Part Number	Type		RH	LH			Wiring diagram Schaltplan	
<b>PM08957000</b>	A	24V	X		X	X	1	Spain Green / Spanien Grün
<b>PM08959000</b>	A	24V		X	X	X	1	Spain Green / Spanien Grün
<b>PM08984000</b>	A	24V	X		X	X	1	Macedonia Green / Mazedonien Grün
<b>PM08983000</b>	A	24V		X	X	X	1	Macedonia Green / Mazedonien Grün
<b>PM09165000</b>	A	24V	X		X	X	1	Italy Blue / Italien Blau
<b>PM0916800</b>	A	24V		X	X	X	1	Italy Blue / Italien Blau
<b>PM09689000</b>	A	24V	X		X	X	1	Camouflage Black / Camouflage Schwarz
<b>PM09690000</b>	A	24V		X	X	X	1	Camouflage Black / Camouflage Schwarz
<b>PMB1802000</b>	A	24V	X		X	X	1	Beige Ral 1019
<b>PMB1801000</b>	A	24V		X	X	X	1	Beige Ral 1019



- Gehäuse aus Aluminium
- Tarnlichtmodus nach NATO-Spezifikationen
- ECE-CEE Homologation
- Schutzklasse IP68 (0,2bar)
  
- Housing and frame in treated/painted aluminium alloy
- Blackout services according to NATO
- Homologation ECE-CEE specifications
- Protection degree IP68 (0,2 bar)



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E3      e3  
6R01 53364  
P 21W



1      1  
  
 6R01 53364  
 P 21W



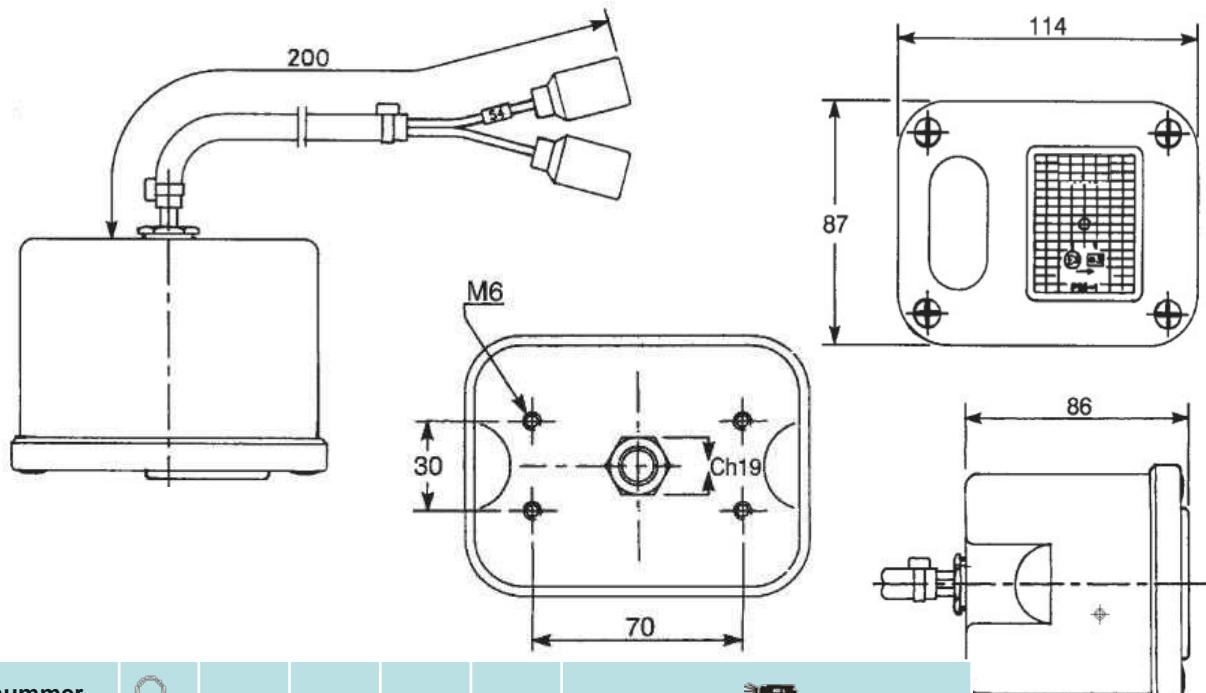
Sachnummer Part Number	Type		RH	LH			Wiring diagram Schaltplan	
<b>PM08846000</b>	A	24V	X		X	X	1	I.R. NATO Green / I.R. NATO Grün
<b>PM08847000</b>	A	24V		X	X	X	1	I.R. NATO Green / I.R. NATO Grün
<b>PM08913000</b>	A	24V	X		X	X	1	MIL Green Ral 6014 / MIL Grün Ral 6014
<b>PM08915000</b>	A	24V		X	X	X	1	MIL Green / MIL Grün
<b>PM08914000</b>	A	24V	X		X	X	1	Bronze Green Ral 6031 / Bronze Grün Ral 6031
<b>PM08916000</b>	A	24V		X	X	X	1	Bronze Green Ral 6031 / Bronze Grün Ral 6031
<b>PM08939000</b>	A	12V	X		X	X	1	I.R. NATO Green / I.R. NATO Grün
<b>PM08940000</b>	A	12V		X	X	X	1	I.R. NATO Green / I.R. NATO Grün
<b>PM09749000</b>	A	24V	X		X	X	1	I.R. MIL Green / I.R. MIL Grün
<b>PM09750000</b>	A	24V		X	X	X	1	I.R. MIL Green / I.R. MIL Grün
<b>PM09441000</b>	B	24V	X		X	X	2	I.R. NATO Green / I.R. NATO Grün
<b>PM09440000</b>	B	24V		X	X	X	2	I.R. NATO Green / I.R. NATO Grün
<b>PMB0029000</b>	B	24V	X		X	X	2	Camouflage Black / Camouflage Schwarz
<b>PMB0028000</b>	B	24V		X	X	X	2	Camouflage Black / Camouflage Schwarz
<b>PMB0288000</b>	B	24V	X		X	X	2	Camouflage Green / Camouflage Grün
<b>PMB0287000</b>	B	24V		X	X	X	2	Camouflage Green / Camouflage Grün
<b>PMB0669000</b>	C	24V	X		X	X	2	Black Ral 9005 / Schwarz Ral 9005
<b>PMB0670000</b>	C	24V		X	X	X	2	Black Ral 9005 / Schwarz Ral 9005

# Positionsleuchte vorne mit Tarnlicht

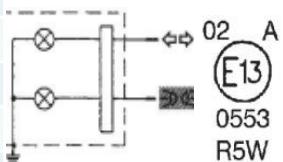
## Front position lamps with black out light



- Gehäuse aus Aluminium
- Tarnlichtmodus nach NATO-Spezifikationen
- ECE-CEE Homologation
- Schutzklasse IP68 (0,2bar)
  
- Housing and frame in treated/painted aluminium alloy
- Blackout services according to NATO specifications
- Homologation ECE-CEE
- Protection degree IP68 (0,2 bar)



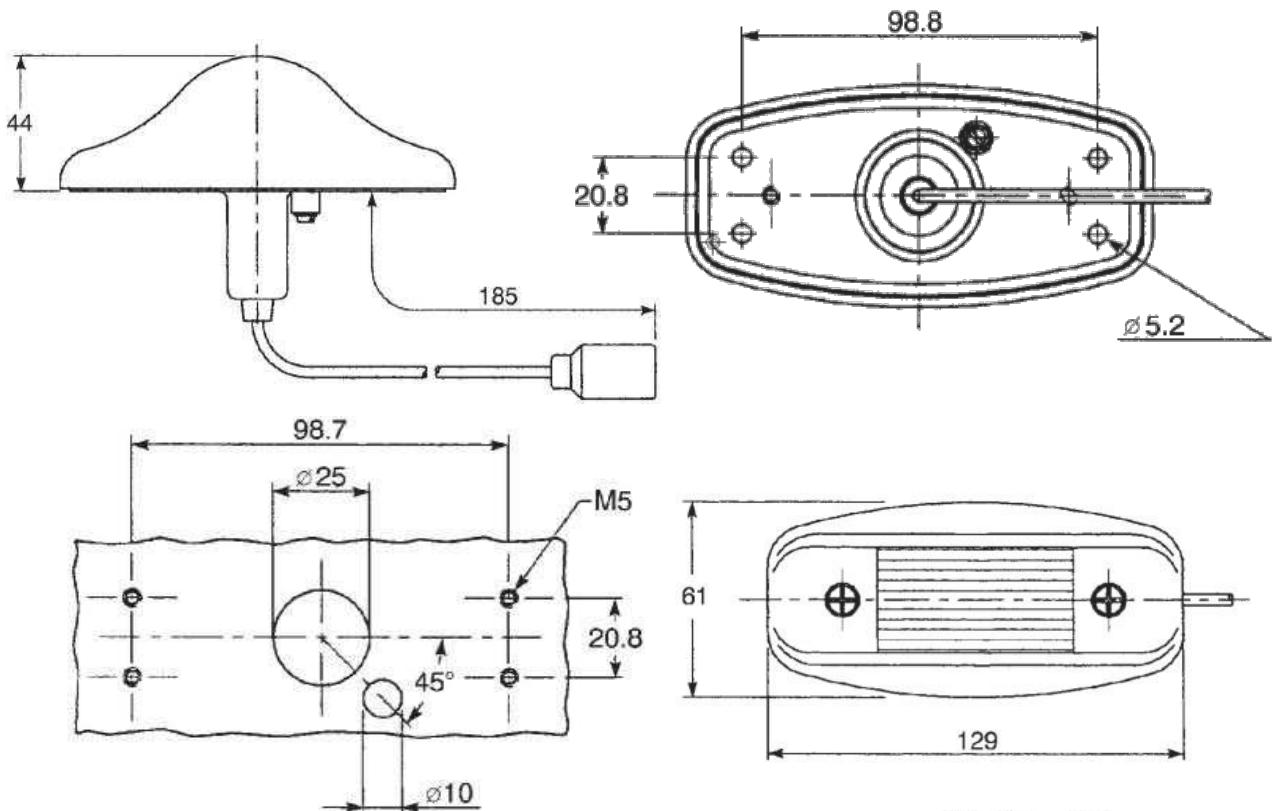
Sachnummer Part Number		RH	LH			
PM05693000	24V	X		X	X	I.R. MIL Green / I.R. MIL Grün
PM04746000	24V		X	X	X	I.R. MIL Green / I.R. MIL Grün
PM09040000	24V	X		X	X	I.R. NATO Green / I.R. NATO Grün
PM09039000	24V		X	X	X	I.R. NATO Green / I.R. NATO Grün
PM09762000	24V	X		X	X	MIL Green / MIL Grün
PM09763000	24V		X	X	X	MIL Green / MIL Grün





- Gehäuse aus Aluminium
- Homologation: ECE-CEE
- Schutzklasse IP68 (0,2bar)

- Housing and base in treated/painted aluminium alloy
- Homologations: ECE-CEE
- Protection degree IP68 (0,2 bar)



Sachnummer Part Number			
<b>PM03233000</b>	24V 10W	X	Military Green / MIL Grün
<b>PM07416000</b>	24V 10W	X	I.R. NATO Green / I.R. NATO Grün
<b>PM09752000</b>	24V 10W	X	I.R. Military Green / MIL Grün

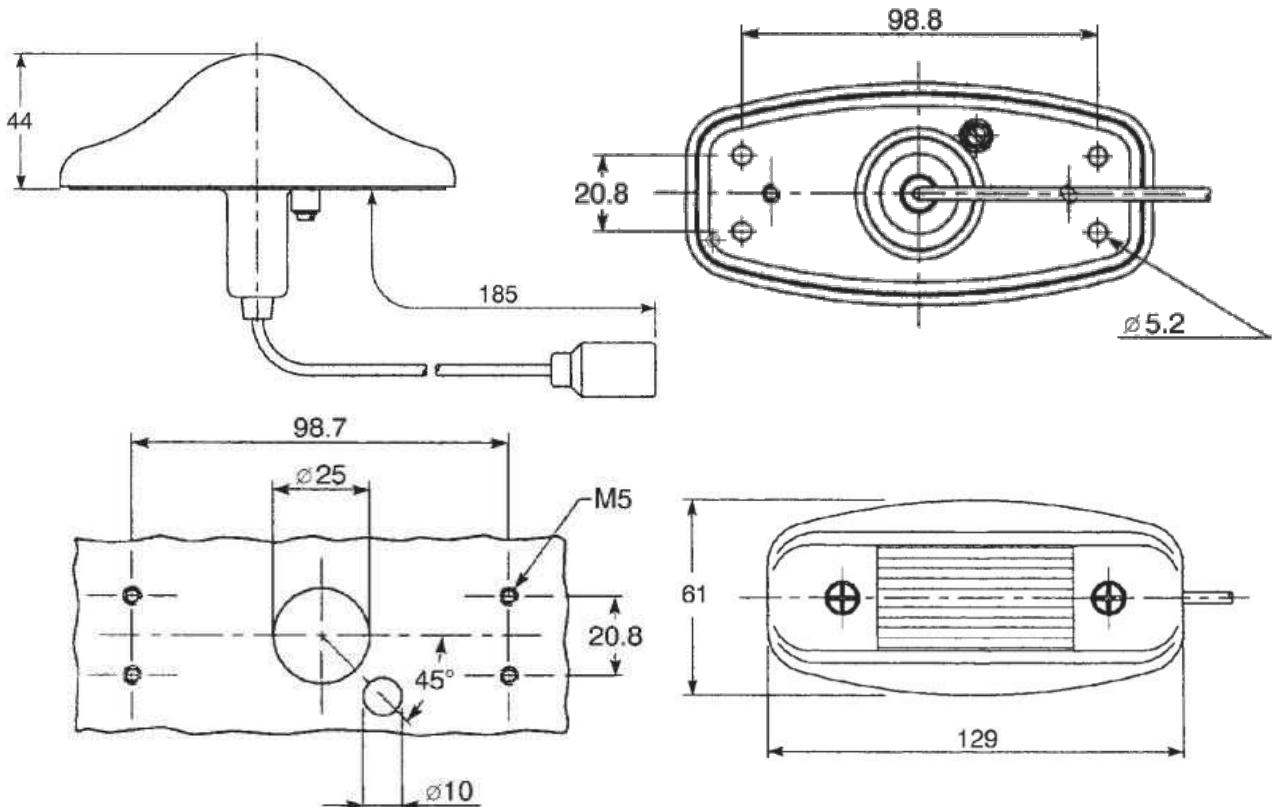
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 R10W E13 0524 1388

## Tarn-Positionsleuchte vorne Front black out position lamp

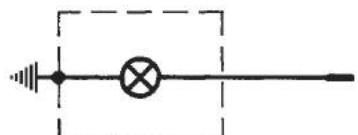




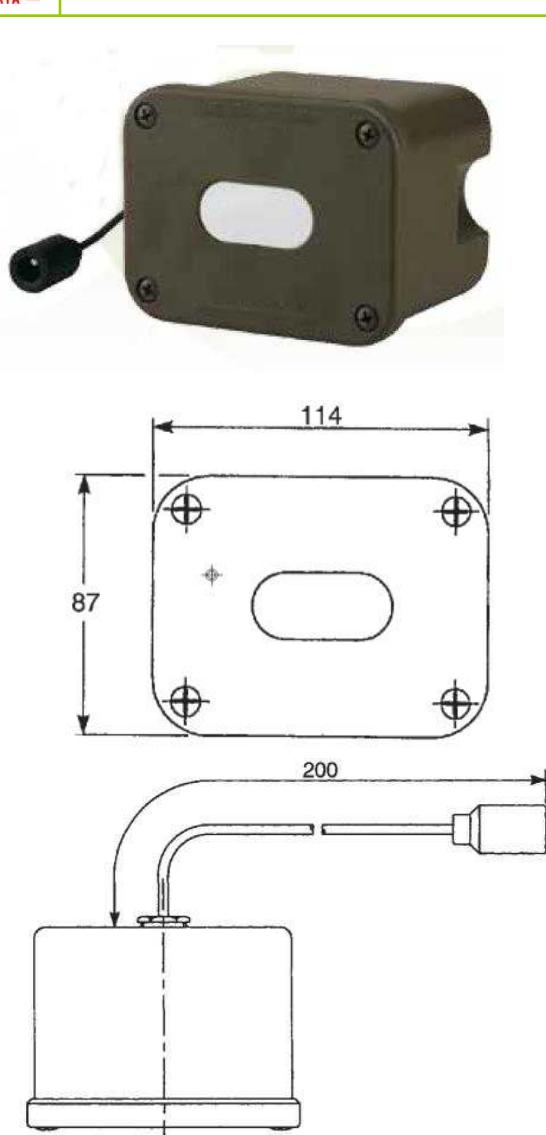
- Gehäuse aus Aluminium
- Tarnmodus nach STANAG Spezifikation
- Schutzklasse IP68 (0,2bar)
- Housing and base in treated/painted aluminium alloy
- Blackout service according to STANAG specifications
- Protection degree IP68 (0,2 bar)



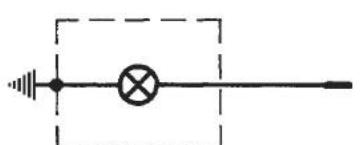
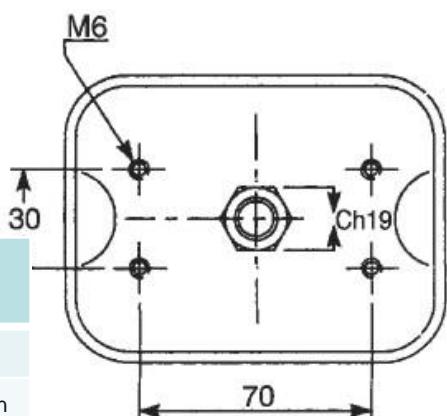
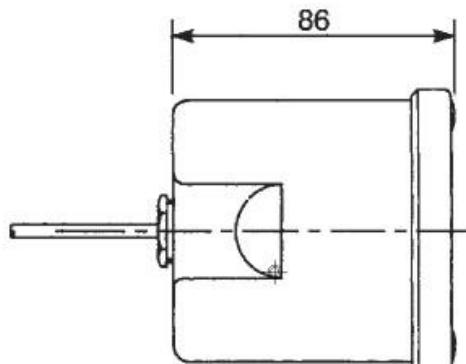
Sachnummer Part Number	Ø			
PM03235000	Ø 5,2	X	24V 5W	I.R. MIL Green / I.R. MIL Grün
PM09041000	Ø 5,2	X	24V 5W	I.R. NATO Green / I.R. NATO Grün
PM09753000	Ø 5,2	X	24V 5W	MIL Green / MIL Grün
PMB1527000	Ø 6,2	X	24V 5W	MIL Green / MIL Grün



## Tarn-Positionsleuchte vorne Front black out position lamp



- Gehäuse aus Aluminium
- Tarnmodus nach NATO Spezifikation
- Schutzklasse IP68 (0,2bar)
- Housing and frame in treated/painted aluminium alloy
- Blackout service according to NATO specifications
- Protection degree IP68 (0,2 bar)



Sachnummer Part Number			
<b>PM04465000</b>	X	24V 5W	I.R. MIL Green / I.R. MIL grün
<b>PM05486000</b>	X	24V 5W	I.R. NATO Green / I.R. NATO Grün
<b>PM05487000</b>	X	24V 5W	MIL Green / MIL Grün
<b>PM05488000</b>	X	24V 5W	Green Ral 6003 / Grün Ral 6003
<b>PM05489000</b>	X	24V 5W	Lybia Beige / Lybien Beige
<b>PM05490000</b>	X	24V 5W	Matt White / Matt Weiß
<b>PM09134000</b>	X	12V 5W	I.R. NATO Green / I.R. NATO Grün
<b>PM09187000</b>	X	24V 5W	Italy Blue / Italien Blau

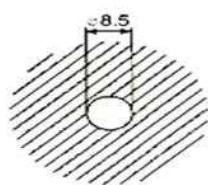
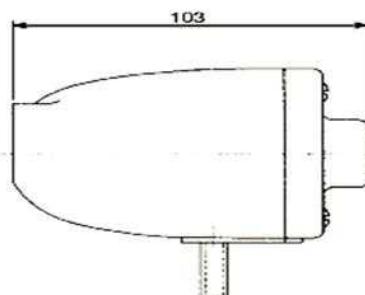
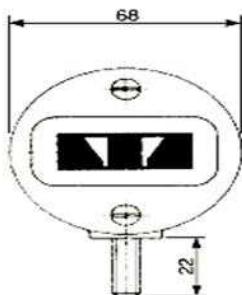
# Tarn-Positionsleuchte vorne

## Front position lamps with black out light

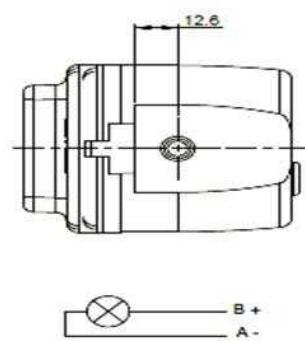
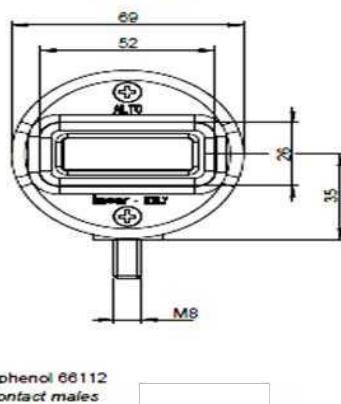
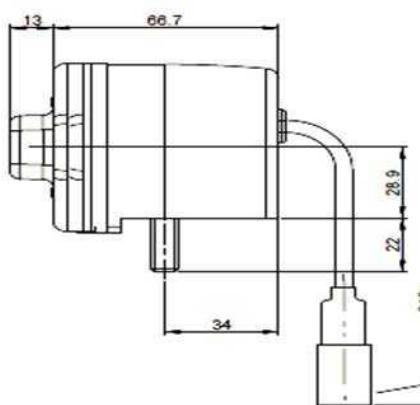


- Gehäuse aus Aluminium
- Tarnmodus nach Militär-Spezifikation
- Schutzklasse IP68 (0,2bar)
- Housing and frame in treated/painted aluminium alloy
- Blackout service according to MIL specifications
- Protection degree IP68 (0,2 bar)

TYPE A



TYPE B

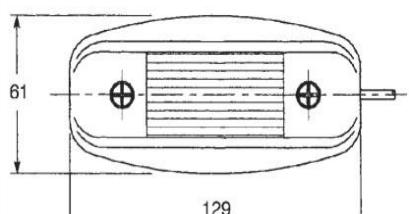
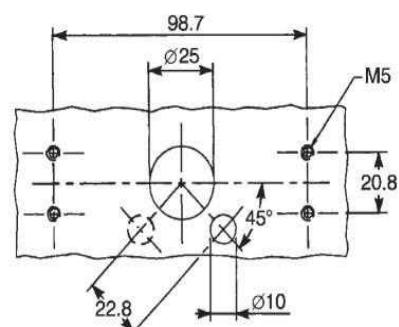
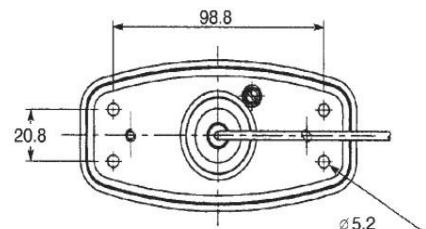
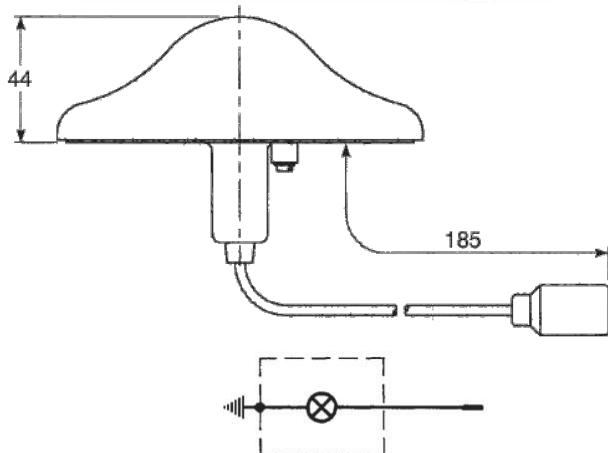


Sachnummer Part Number	Type			
PM01644000	A	X	24V 5W	MIL Green / MIL Grün
PMB0225000	A	X	24V 5W	I.R. NATO Green / I.R. NATO Grün
PM07932000	A	X	12V 5W	MIL Green / MIL Grün
PMB1378000	B	X	24V 5W	Matt Black / Matt Schwarz



- Gehäuse aus Aluminium
- Homologation: ECE - CEE
- Schutzklasse IP68 (0,2bar)

- Housing and base in treated/painted aluminium alloy
- Homologations: ECE - CEE
- Protection degree IP68 (0,2 bar)



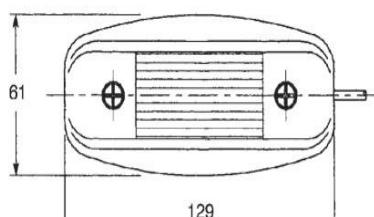
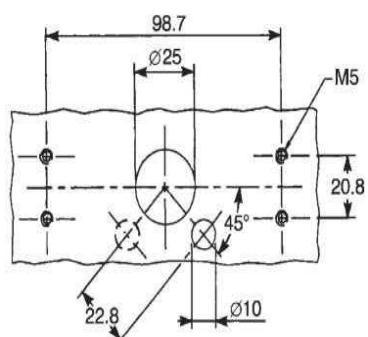
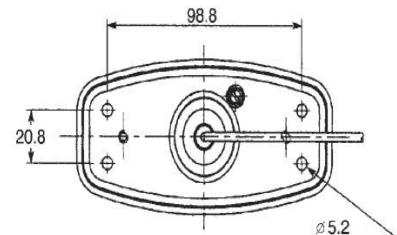
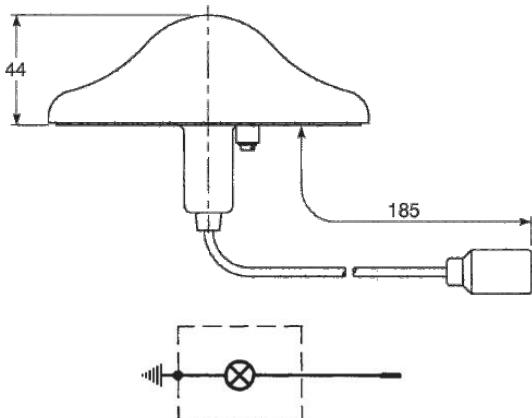
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Sachnummer Part Number				
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<b>PM03669000</b>	X	24V 5W		MIL Green / MIL Grün
<b>PM03696000</b>	X	24V 5W		Matt Green / Grün matt
<b>PM03697000</b>	X	24V 5W		Beige Lybia / Lybien Beige
<b>PM04925000</b>	X	24V 5W		I.R. NATO Green / I.R. NATO Grün
<b>PM07034000</b>	X	24V 5W		Red fire department / Feuerwehrrot
<b>PM07326000</b>	X	24V 5W		Blue Belgium / Belgien blau
<b>PM07392000</b>	X	24V 5W		Matt White / Matt Weiß
<b>PM08182000</b>	X	24V 5W		Beige Pakistan / Pakistan Beige
<b>PM07931000</b>	X	12V 5W		I.R. Military Green / I.R. MIL Grün
<b>PM08336000</b>	X	24V 5W		Beige U.A.E. / VAE Geige
<b>PM08951000</b>	X	24V 5W		Green Spain / Spanien Grün
<b>PM08952000</b>	X	24V 5W		Green Algeria / Algerien Grün
<b>PM09174000</b>	X	24V 5W		Blue Italy / Italien Blau



- Gehäuse aus Aluminium
- Homologation: ECE - CEE
- Schutzklasse IP68 (0,2bar)

- Housing and base in treated/painted aluminium alloy
- Homologations: ECE-CEE
- Protection degree IP68 (0,2 bar)



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Sachnummer Part Number			
<b>PM08129000</b>	X	24V 21W	I.R. NATO Green / I.R. NATO grün
<b>PM08185000</b>	X	24V 21W	MIL Green / MIL grün
<b>PM08186000</b>	X	24V 21W	Green Ral 6031 / Grün Ral 6031
<b>PM08187000</b>	X	24V 21W	Sand Beige 20 Glos
<b>PM08188000</b>	X	24V 21W	France Red Fire Department / Französisches Feuerwehrrot
<b>PM08242000</b>	X	24V 21W	Middle Bronze Green / Mittleres Bronze Grün
<b>PM08326000</b>	X	24V 21W	Green Sage / Grün
<b>PM08363000</b>	X	24V 21W	Matt Black / Matt Schwarz
<b>PM08919000</b>	X	24V 21W	Red Ral 3000 / Rot Ral 3000
<b>PM08953000</b>	X	24V 21W	Spain Green / Spanien Grün



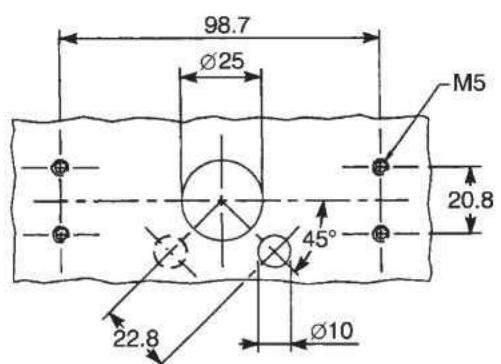
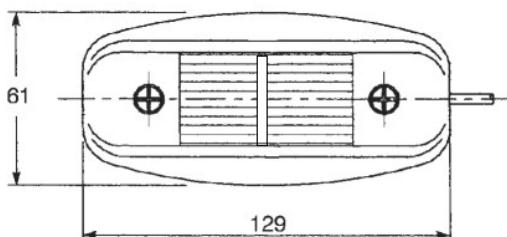
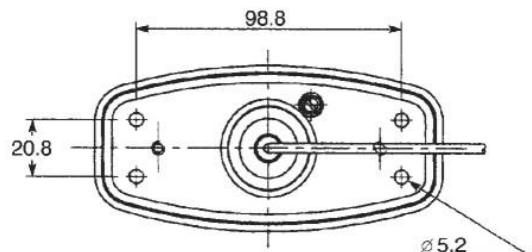
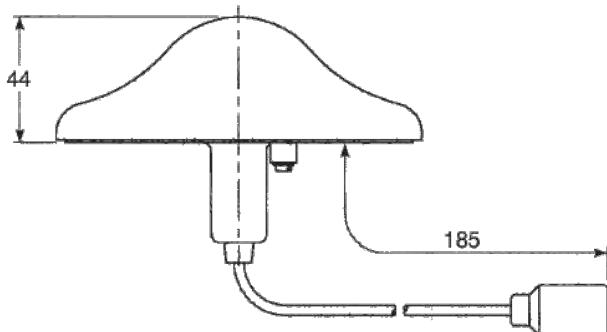
- Gehäuse aus Aluminium
- Homologation: ECE - CEE
- Schutzklasse IP68 (0,2bar)
  
- Housing and base in treated/painted aluminium alloy
- Homologations ECE-CEE
- Protection de:gree IP68 (0,2 bar)

Sachnummer Part Number			
<b>PM08954000</b>	X	24V 21W	Algeria Green / Algerien Grün
<b>PM09008000</b>	X	24V 21W	Macedonia Green / Mazedonien Grün
<b>PM09009000</b>	X	24V 21W	Belgium Blue / Belgien Blau
<b>PM09178000</b>	X	24V 21W	Italy Blue / Italien Blau
<b>PM09341000</b>	X	24V 21W	Argentinia Green / Argentinien Grün
<b>PM09506000</b>	X	24V 21W	Ivory Ral 1019
<b>PM09688000</b>	X	24V 21W	Camouflage Black / Camouflage Schwarz
<b>PM09755000</b>	X	24V 21W	I.R. MIL Green / I.R. MIL Grün
<b>PM09903000</b>	X	24V 21W	Camouflage Brown / Camouflage Braun
<b>PMB0132000</b>	X	24V 21W	Camouflage Green / Camouflage Grün
<b>PMB1044000</b>	X	12V 21W	NATO Green / NATO Grün
<b>PMB1192000</b>	X	24V 21W	Primer

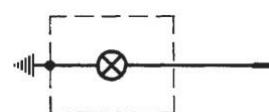

**E00**

- Gehäuse aus Aluminium
- Homologation: ECE - CEE
- Schutzklasse IP68 (0,2bar)

- Housing and base in treated/painted aluminium alloy
- Homologations: ECE-CEE
- Protection degree IP68 (0,2 bar)



Sachnummer Part Number	<b>E00</b>		
<b>PM08384000</b>	X	24V 10W	I.R. NATO Green / I.R. NATO Grün
<b>PM09754000</b>	X	24V 10W	I.R. MIL Green / I.R. MIL Grün
<b>PM09764000</b>	X	24V 10W	MIL Green / MIL Grün
<b>PMB1814000</b>	X	24V 10W	Beige Ral 1019



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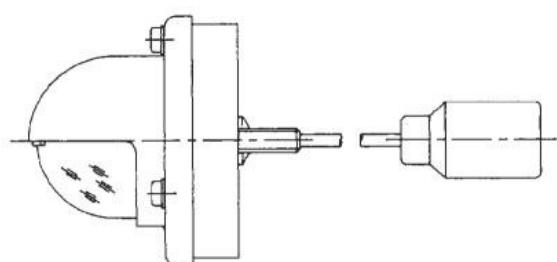
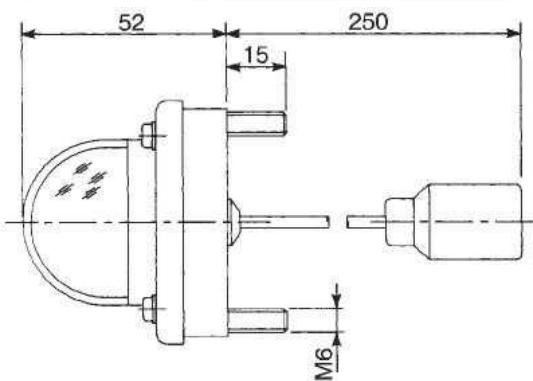
R

(E3) e3 01 47712

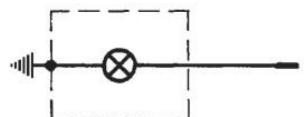
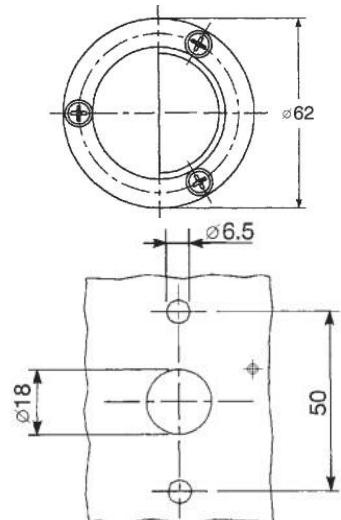


**E00E**

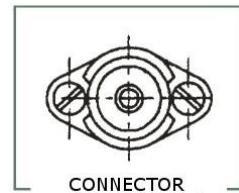
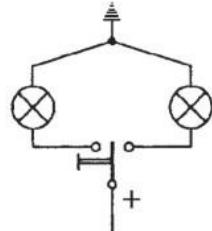
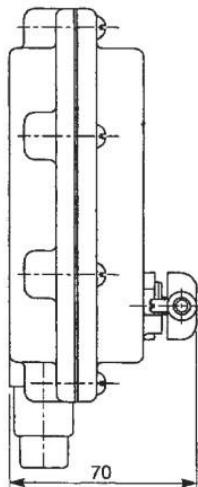
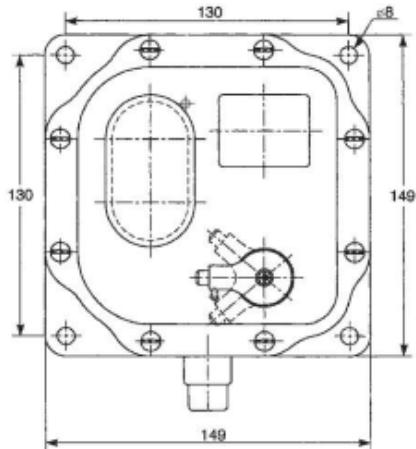
- Gehäuse und Kappe aus Aluminium
- Homologation: ECE - CEE
- Schutzklasse IP68 (0,2bar)
- Housing and cup in treated/painted aluminium alloy
- Homologations ECE-CEE
- Protection degree IP68 (0,2 bar)



Sachnummer Part Number	<b>E00E</b>		
<b>PM08723000</b>	X	24V 10W	I.R. NATO Green / NATO Grün
<b>PM08848000</b>	X	24V 10W	MIL Green / MIL Grün
<b>PM08849000</b>	X	24V 10W	Sand Beige



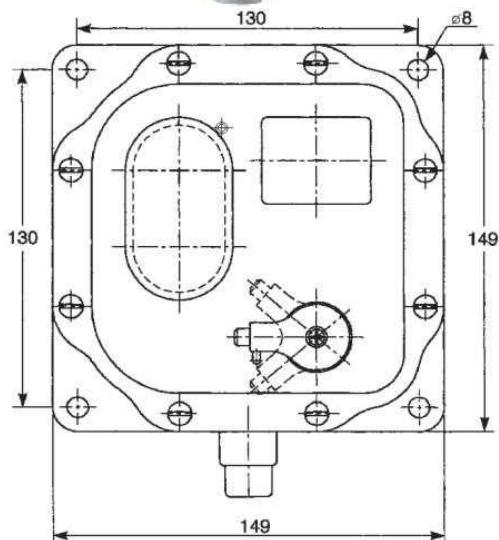
R 02  
 53362 1370  
 R 10W



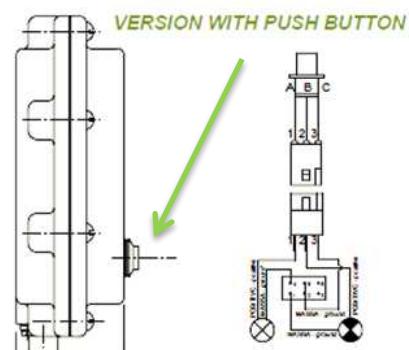
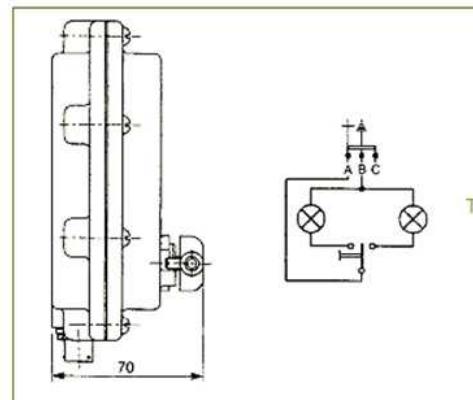
Sachnummer Part Number				RIF.	With cable Mit Kabel	
<b>PM00523000</b>	24V 15W 24V 5W	white/weiß	red /rot	MS 51073 - 1		White TT – E – 489 / Weiß
<b>PM03777000</b>	24V 15W 24V 5W	white/weiß	white/weiß			White TT – E – 489 / Weiß
<b>PM04759000</b>	24V 15W 24V 5W	white/weiß	red/rot	MS 51073 – 1		White Ral 1013 / Weiß Ral 1013
<b>PM05232000</b>	24V 15W 24V 5W	white/weiß	white/weiß			Camel 563 / Camel 563
<b>PM07251000</b>	24V 15W 24V 5W	white/weiß	blue / blau			White TT – E – 489 / Weiß
<b>PM09993000</b>	24V 21W 24V 5W	white/weiß	blue/blau			White TT – E – 489 / Weiß
<b>PM04486000</b>	24V 15W 24V 5W	white/weiß	red/rot		X	White TT – E – 489 / Weiß

# Innenbeleuchtung mit Tarnfunktion

## Roof lamp with black out light



- Gehäuse aus Aluminium
- Tarnlichtmodus nach MIL-Standard Spezifikationen
- Schutzklasse IP68 (0,2bar)
  
- Housing and cover in treated/painted aluminium alloy
- Blackout services according to MIL-military standard specifications
- Protection degree IP68 (0,2 bar)

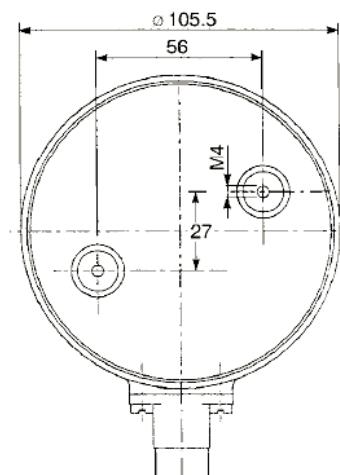
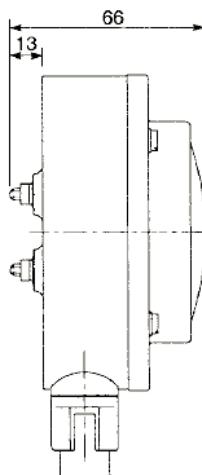
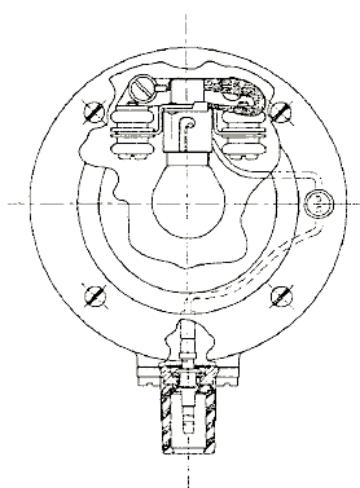
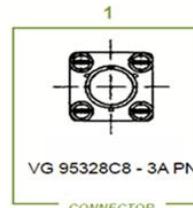
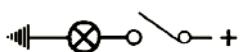


Sachnummer Part Number	Type				
<b>PM08061000</b>	A	24V 15W 24V 5W	white/weiß	red /rot	White Ral 1013 / Weiß Ral 1013
<b>PM09757000</b>	A	24V 15W 24V 5W	white/weiß	red /rot	Spain White / Spanien Weiß
<b>PM06804000</b>	B	24V 15W 24V 5W	white/weiß	red/rot	White Ral 1013 / Weiß Ral 1013
<b>PMB1864000</b>	A	12V 21W 12V 5W	white/weiß	red/rot	White Ral 1013 / White Ral 1013

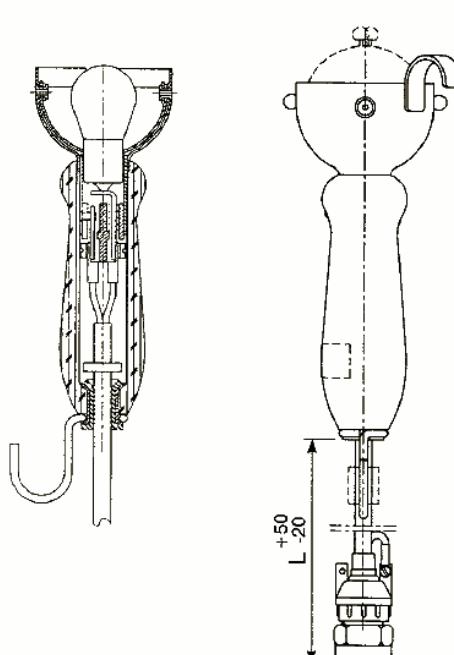


- Gehäuse aus Aluminium
- Abdeckung aus Stahl
- Schutzklasse IP68 (0,2bar)

- Housing in treated/painted aluminium alloy
- Cover in treated/painted steel
- Protection degree IP68 (0,2 bar)



Sachnummer Part Number				Connector Stecker	With cable Mit Kabel	
<b>PM06414000</b>	24V 15W	white/weiß		1		Shiny White / Glänzend Weiß
<b>PM01993000</b>	24V 15W	white/weiß		2		Shiny White / Glänzend Weiß
<b>PMB1078000</b>	24V 15W	white/weiß			X	Shiny White / Glänzend Weiß

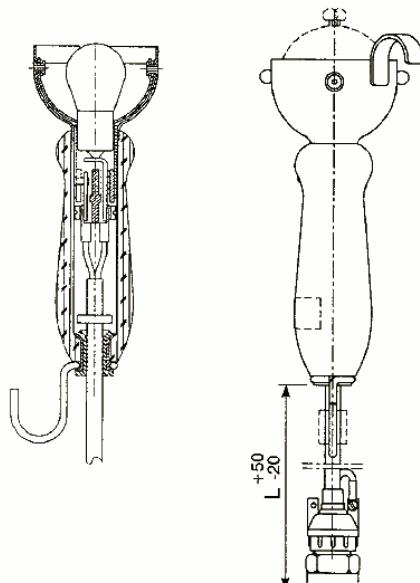


- Gehäuse aus Stahl
- Kollektor aus Nikel-Beschichteten Stahl
- Handgriff aus bemaltem Holz
- Housing in treated/painted steel
- Collector material: Nikel-plated steel
- Handgrip material: Painted wood

Sachnummer Part Number	L		Connector Stecker
<b>PM08833000</b>	3000 mm	24V – 15W	1 Pole Plug / 1-poliger Stecker
<b>PM66220000</b>	4600 mm		1 Pole Plug / 1-poliger Stecker
<b>PM04730000</b>	4600 mm	24V – 10W	1 Pole with Fuse / 1-polig mit Sicherung
<b>PM06255000</b>	5100 mm	24V – 10W	MS 3106 E 18 – 3P
<b>PM03097000</b>	6000 mm	24V – 21W	Ordinance 10 SL – 4P
<b>PMB1188000</b>	8000 mm		1 Pole Plug / 1-poliger Stecker
<b>PM08063000</b>	8000 mm	24V – 21W	VG 95234 D 10SL – 3 PN
<b>PM07854000</b>	8000 mm	24V – 21W	VG 935234 D 10SL – 4 PN
<b>PM09275000</b>	8000 mm	24V – 21W	VG 95328 10 – 6 PN



- Gehäuse aus Stahl
- Kollektor aus Nikel-Beschichteten Stahl
- Handgriff aus bemaltem Holz
- Housing in treated/painted steel
- Collector material: Nikel-plated steel
- Handgrip material: Painted wood

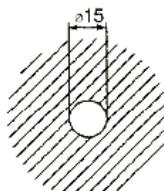
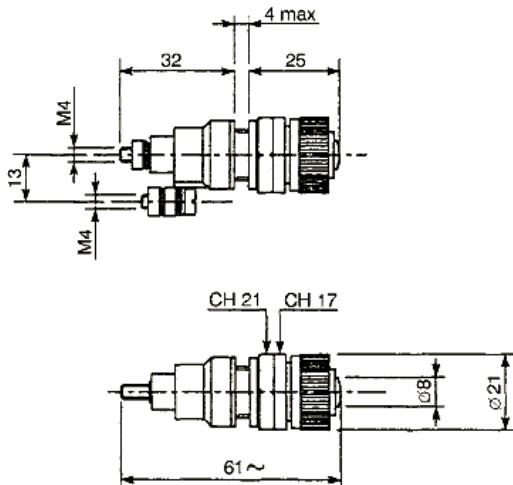


Sachnummer Part Number	L		Connector Stecker
<b>PM07078000</b>	9000 mm	24V – 10W	MS 3116 E 8 – 4P
<b>PM07634000</b>	9000 mm	24V – 10W	VG 95234 D 10 SL – 4 PN
<b>PM05112000</b>	10000 mm	24V – 10W	1 Pole Plug / 1-poliger Stecker
<b>PM03253000</b>	12000 mm	24V – 15W	
<b>PM07723000</b>	20000 mm	12V – 10W	
<b>PM08035000</b>	20000 mm	24V – 21W	
<b>PM06254000</b>	20000 mm	24V – 10W	MS 3106 E 18 – 3P
<b>PM09206000</b>	20000 mm	24V – 21W	MS3106 E 12S – 3P



- Gehäuse aus geformten Stahl-Nylon
- Ring und Befestigungsmutter Material: Messing
- Schutzklasse IP65

- Housing material: Co-moulded steel-nylon
- Ring and fixing nut material: Treated brass
- Sealing: IP65



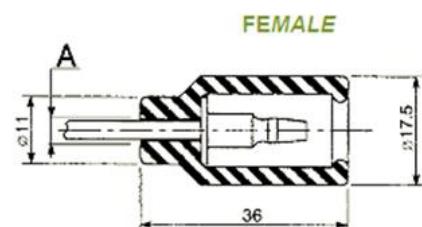
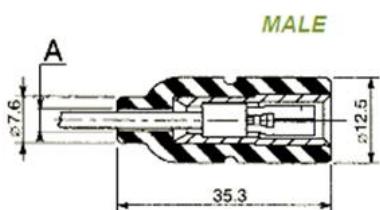
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24V 3C28020079

12/24 V-3W  
BA9S

Sachnummer Part Number	Color Farbe
<b>PM06340000</b>	Red / Rot
<b>PM06354000</b>	Green / Grün
<b>PM06355000</b>	Yellow / Gelb
<b>PM06356000</b>	Blue / Blau

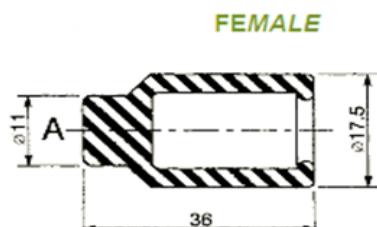
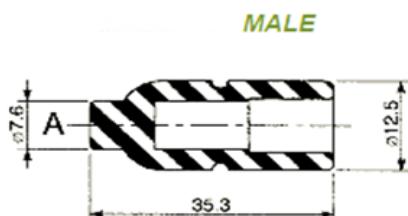


- Gummikappe gemäß MIL-R-3065 Spezifikationen
- Rubber cap according to MIL-R-3065 specifications



Sachnummer Part Number	A
<b>PM03416000</b>	Ø 2 mm / AWG 18
<b>PM03107000</b>	Ø 2,5 mm / AWG 16
<b>PM03110000</b>	Ø 3,5 mm / AWG 14
<b>PM03319000</b>	Ø 5 mm / AWG 12

Sachnummer Part Number	A
<b>PM03421000</b>	Ø 2 mm / AWG 18
<b>PM03109000</b>	Ø 2,5 mm / AWG 16
<b>PM03111000</b>	Ø 3,5 mm / AWG 14
<b>PM03320000</b>	Ø 5 mm / AWG 12



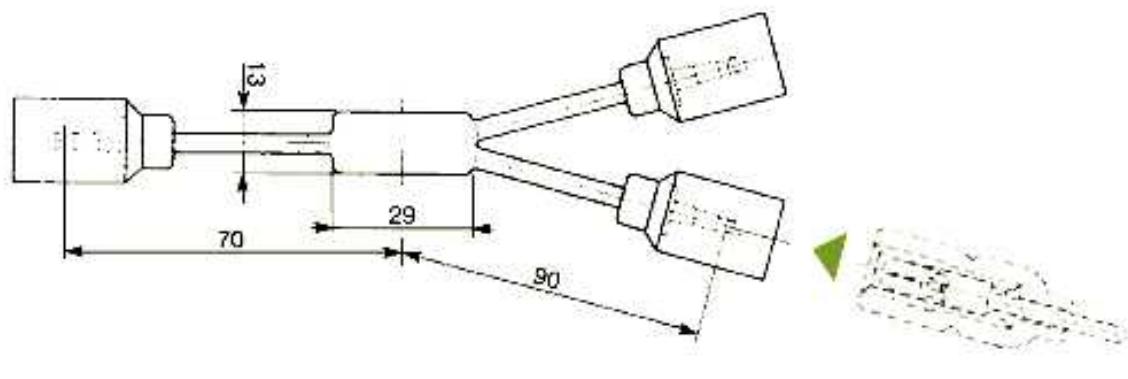
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<b>PM55497011</b>	Closed / Geschlossen

Sachnummer Part Number	A
<b>PM55581011</b>	Closed / Geschlossen

## Dreiwegige wasserdichte Ableitung Three-ways waterproof shunts

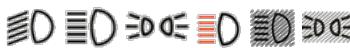


- Gummikappe mit AWG 14 Kabel gemäß MIL-C-13486 Spezifikationen
- Rubber shunt with AWG 14 cable MIL-C-13486 specification



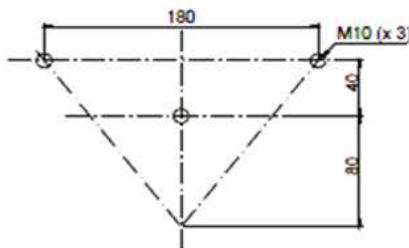
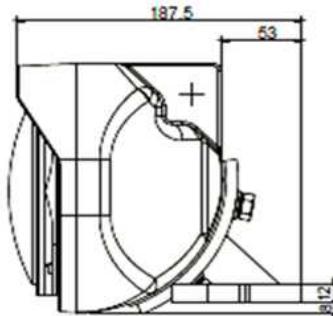
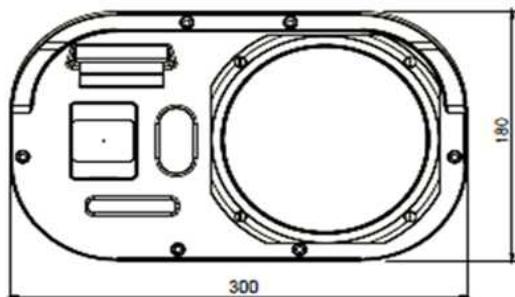
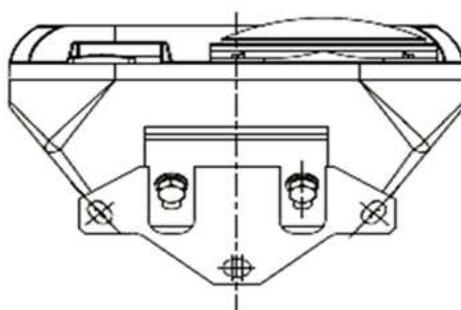
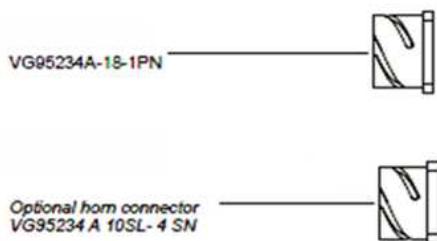
PM03416000  
 PM03107000  
 PM03110000  
 PM03319000

Sachnummer Part Number
<b>PM02200000</b>



- Gehäuse aus Aluminium
- Schutzklasse IP68 (0,2bar)
- Energieversorgungsspannung: 24V
- Tarnlichtmodus nach STANAG 4381 Spezifikationen
- Homologation: ECE-CEE

- Housing and frame material: Treated/painted aluminium alloy
- Sealing: IP68 (0,2bar)
- Power supply voltage: 24V
- Blackout service according to STANAG 4381 specifications
- Homologations: ECE-CEE





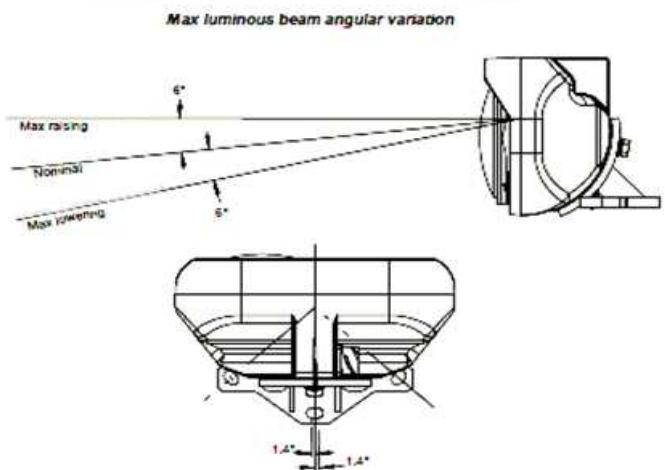
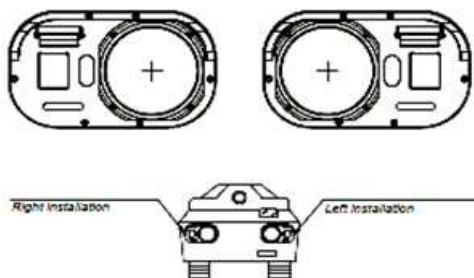
**Ø135 headlamp**

Right hand drive	Left hand drive
12.5  A H/C/R C/R 9069 02 02 01 0218 T4W	12.5  A H/C/R C/R 0228 02 02 01 0222 → T4W
05.414	05.431

Turn signal
B1197 1 - 01 0034 9 - 32V 8.5W

B.O. headlamp  
In according  
with STANAG 4381

**Vehicle installation**

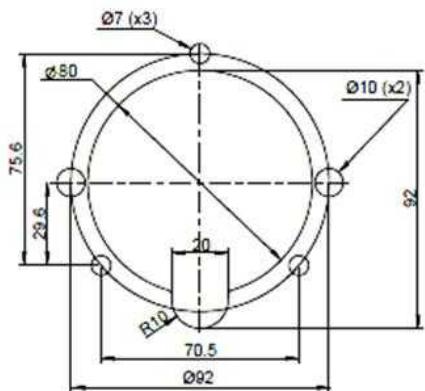
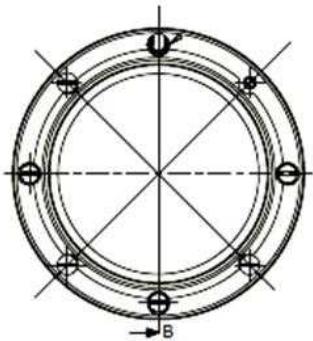
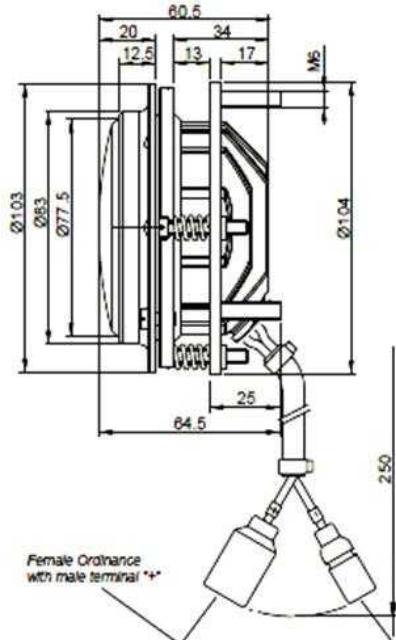
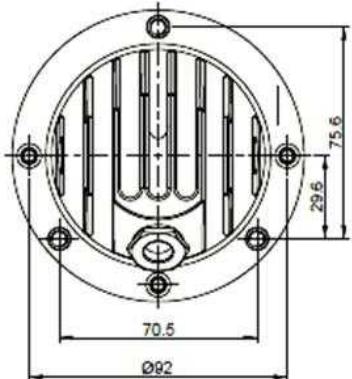


Sachnummer Part Number	RH	LH								Horn Connector Stecker	
PMB1351000	X			X	X	X	X		X	X	I.R. MIL Green / I.R. MIL Grün
PMB1352000		X	X	X	X	X	X		X	X	X
PMB1500000	X		X	X	X	X	X	X	X	X	I.R. MIL Green / I.R. MIL Grün
PMB1501000		X	X	X	X	X	X	X	X	X	I.R. MIL Green / I.R. MIL Grün
PMB1502000	X		X	X	X	X	X		X	X	I.R. MIL Green / I.R. MIL Grün
PMB1503000		X	X	X	X	X	X		X	X	I.R. MIL Green / I.R. MIL Grün
PMB1504000	X		X	X	X	X	X	X	X	X	I.R. MIL Green / I.R. MIL Grün
PMB1505000		X	X	X	X	X	X	X	X	X	I.R. MIL Green / I.R. MIL Grün



- Gehäuse aus Aluminium Schwarz
- Schutzklasse IP68 (0,2bar)

- Housing and frame material: Treated/painted aluminium alloy black
- Sealing: IP68 (0,2bar)



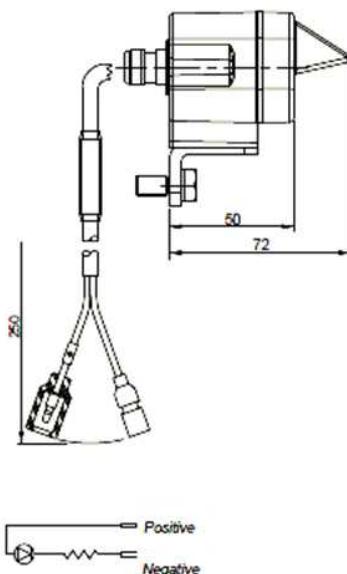
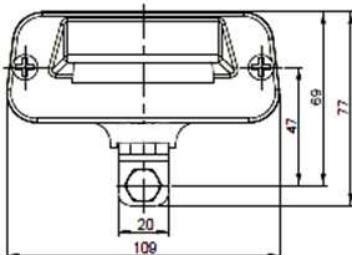
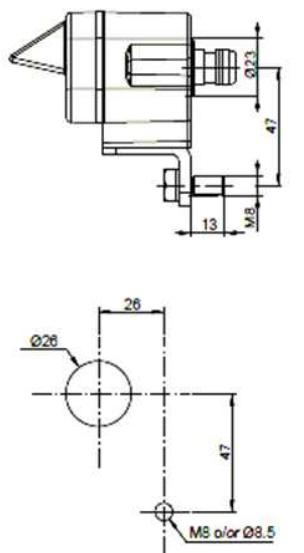
Female Ordinance with male terminal \*+\*  
Male Ordinance with female terminal \*-\*

Sachnummer Part Number	I.R.	Frequency Frequenz	Volt Ampere	Lighting Opening	
PMB1484000	X	850 nm	18-32V – max 1,5A	+- 20°	Black / Schwarz
PMB1672000	X	940 nm	18-32V – max 1,5A	+- 20°	Black / Schwarz
PMB1815000	X	850 nm	10-14V – max 1,5A	+- 20°	Black / Schwarz
PMB1817000	X	940 nm	10-14V – max 1,5A	+- 20°	Black / Schwarz



- Gehäuse aus Aluminium
- Schutzklasse IP68 (0,2bar)

- Housing and frame material: Treated/painted aluminium alloy
- Sealing: IP68 (0,2bar)


**TYPE A**

ACCORDING TO STANAG 4381

**TYPE B**

MORE POWER

Sachnummer Part Number	Type		Volt	Lighting Licht	
PMB1427000	A	X	12V	Blue / Blau	I.R. NATO Green / I.R. NATO Grün
PMB1428000	A	X	24V	Blue / Blau	I.R. NATO Green / I.R. NATO Grün
PMB1429000		X	12V	Blue / Blau	I.R. NATO Green / I.R. NATO Grün
PMB1430000		X	24V	Blue / Blau	I.R. NATO Green / I.R. NATO Grün
PMB1431000		X	12V	Green / Grün	I.R. NATO Green / I.R. NATO Grün

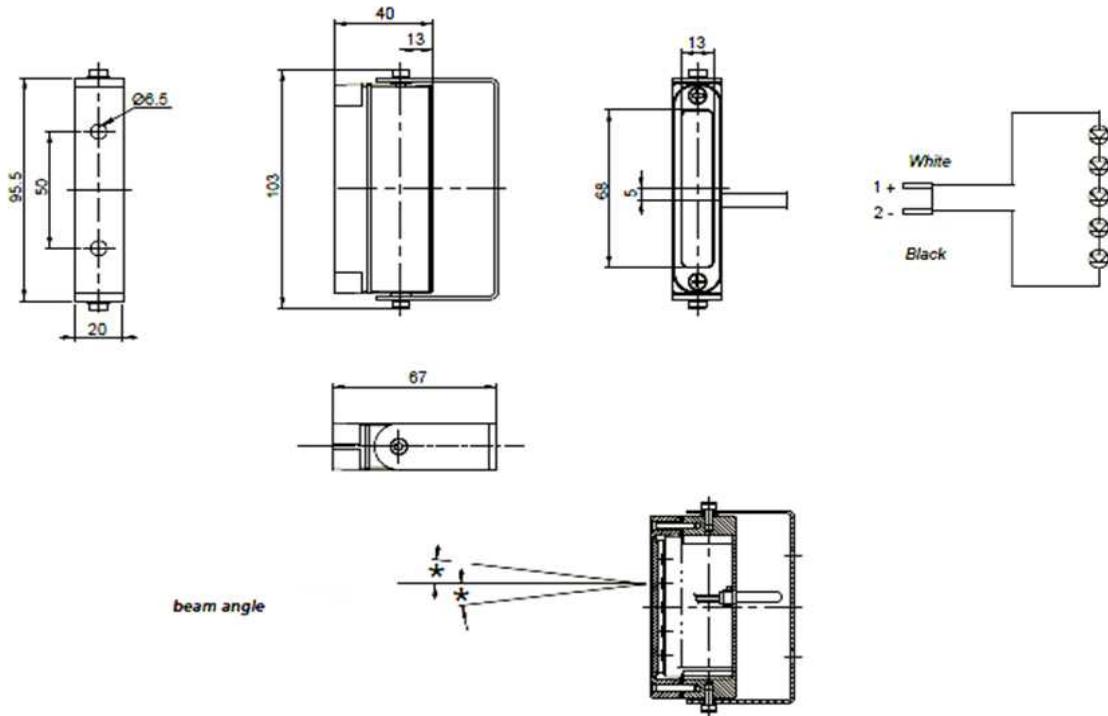


Sachnummer Part Number	Type		Volt	Lighting Licht	
PMB1432000		X	24V	Green / Grün	I.R. NATO Green / I.R. NATO Grün
PMB1433000		X	12V	White / Weiß	I.R. NATO Green / I.R. NATO Grün
PMB1434000		X	24V	White / Weiß	I.R. NATO Green / I.R. NATO Grün
PMB1468000	B	X	12V	Green / Grün	I.R. NATO Green / I.R. NATO Grün
PMB1469000	B	X	24V	Green / Grün	I.R. NATO Green / I.R. NATO Grün
PMB1470000	B	X	12V	White / Weiß	I.R. NATO Green / I.R. NATO Grün
PMB1471000	B	X	24V	White / Weiß	I.R. NATO Green / I.R. NATO Grün
PMB1472000	A	X	24V	Blue / Blau	Green Ral 6031 / Grün Ral 6031

## Rechteckiger Scheinwerfer I.R. Rectangular headlamps I.R.



- Gehäuse aus Aluminium (schwarz eloxiert)
- Schutzklasse IP68 (0,2bar)
- Housing and frame material: aluminium anodized black
- Sealing: IP68 (0,2bar)



Sachnummer Part Number	I.R.	Frequency Frequenz	Connection Verbindung	Cable Length Kabellänge	Volt Ampere	Lighting Opening	
PMB1640000	X	780nm	2 pins Deutsch	350 mm	24V – 300 mA	+– 60°	Matt Black / Matt Schwarz
PMB1650000	X	780nm	Ordinance	250 mm	12V – 400 mA 24V – 200mA	+– 60°	Matt Black / Matt Schwarz
PMB1839000	X	780nm	Ordinance	250 mm	12V – 260 mA	+– 60°	Matt Black / Matt Schwarz
PMB1822000	X	850nm	Ordinance	250 mm	12V – 260 mA	+– 60°	Matt Black / Matt Schwarz
PMB1825000	X	880nm	Ordinance	250 mm	12V – 260 mA	+– 60°	Matt Black / Matt Schwarz
PMB1652000	X	940nm	Ordinance	250 mm	12V – 350 mA	+– 60°	Matt Black / Matt Schwarz
PMB1654000	X	940nm	Ordinance	250 mm	12V – 300 mA 24V – 170 mA	+– 60°	Matt Black / Matt Schwarz



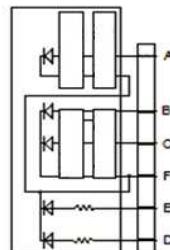
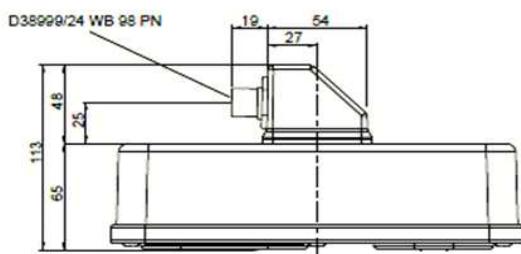
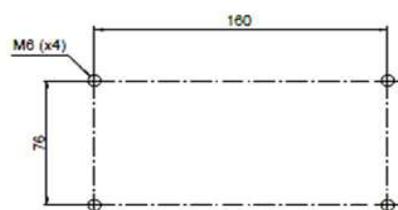
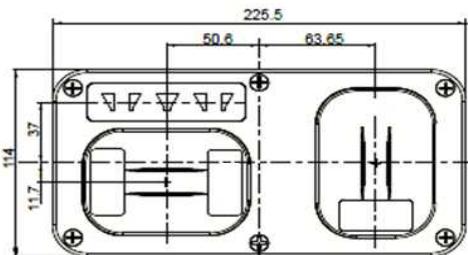
Sachnummer Part Number	I.R.	Frequency Frequenz	Connection Verbindung	Cable Length Kabellänge	Volt Ampere	Lighting Opening	
PMB1658000	X	780nm	2 pins Deutsch	250 mm	12V – 260 mA	+- 60°	Matt Black / Matt Schwarz
PMB1660000	X	940nm	2 pins S/Seal	350 mm	24V – 350 mA	+- 60°	Matt Black / Matt Schwarz
PMB1840000	X	780nm	2 pins S/Seal	350 mm	12V – 260 mA	+- 60°	Matt Black / Matt Schwarz
PMB1823000	X	850nm	2 pins S/Seal	350 mm	12V – 260 mA	+- 60°	Matt Black / Matt Schwarz
PMB1826000	X	880nm	2 pins S/Seal	350 mm	12V – 260 mA	+- 60°	Matt Black / Matt Schwarz
PMB1828000	X	780nm	Ordinance	250 mm	12V – 260 mA	+- 10°	Matt Black / Matt Schwarz
PMB1829000	X	780nm	2 pins S/Seal	350 mm	24V – 300 mA	+- 10°	Matt Black / Matt Schwarz
PMB1831000	X	850nm	Ordinance	250 mm	12V – 260 mA	+- 10°	Matt Black / Matt Schwarz
PMB1832000	X	850nm	2 pins S/Seal	350 mm	24V – 300 mA	+- 10°	Matt Black / Matt Schwarz
PMB1834000	X	880nm	Ordinance	250 mm	12V – 260 mA	+- 10°	Matt Black / Matt Schwarz
PMB1835000	X	880nm	2 pins S/Seal	350 mm	24V – 300 mA	+- 10°	Matt Black / Matt Schwarz
PMB1837000	X	940nm	Ordinance	250 mm	12V – 350 mA	+- 10°	Matt Black / Matt Schwarz
PMB1838000	X	940nm	2 pins S/Seal	350 mm	24V – 350 mA	+- 10°	Matt Black / Matt Schwarz

# Multifunktions-Rückleuchten

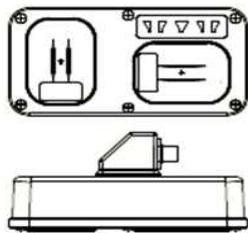
## Multi-function rear lamps



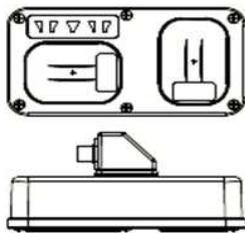
- Gehäuse aus Aluminium
- Schutzklasse IP68 (0,2bar)
- Tarnlichtmodus nach STANAG 4381
- Spezifikationen
- Homologation: ECE-CEE
- Nach Regulierungen: EMC/EMI MIL – STD 461F
- Housing and frame material: Treated/painted aluminium alloy
- Sealing: IP68 (0,2bar)
- Black out service according to STANAG 4381 specifications
- Homologations: ECE-CEE
- According to regulations: EMC/EMI MIL – STD 461F



Location on the vehicle left lamp view



Location on the vehicle right lamp view



Position/stop Function

B1195  
E24  
0063  
R1-S1 02  
9 - 32V  
TAIL 1.5W  
STOP 3.5W

Direction Function

B1196  
E24  
0031  
2a 01  
9 - 32V 4W

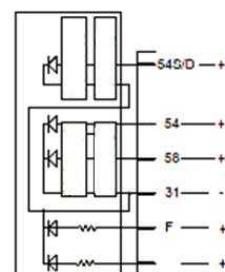
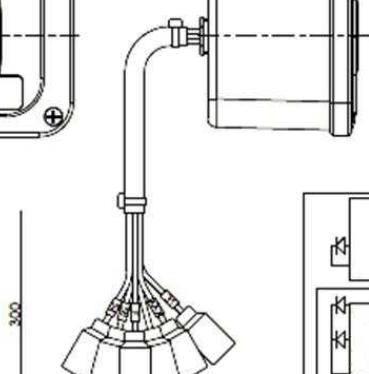
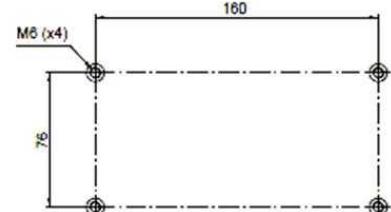
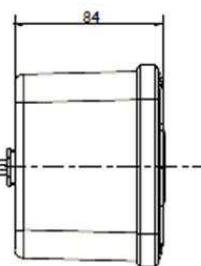
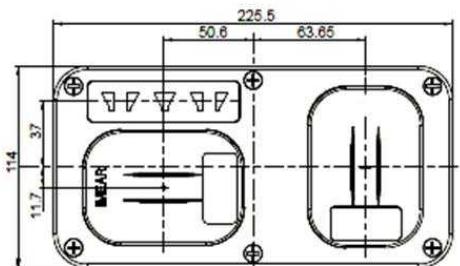
Sachnummer Part Number	RH	LH			STOP			Volt	
PMB1422000	X		X	X	X	X	X	24V	Green Ral 6031 / Grün Ral 6031
PMB1423000		X	X	X	X	X	X	24V	Green Ral 6031 / Grün Ral 6031

# Multifunktions-Rückleuchten

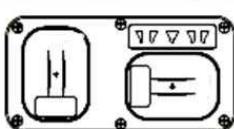
## Multi-function rear lamps



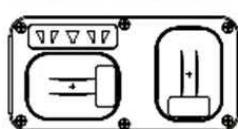
- Gehäuse aus Aluminium
- Schutzklasse IP68 (0,2bar)
- Tarnlichtmodus nach STANAG 4381
- Spezifikationen
- Homologation: ECE-CEE
- Nach Regulierungen: EMC/EMI MIL – STD 461F
- Housing and frame material: Treated/painted aluminium alloy
- Sealing: IP68 (0,2bar)
- Black out service according to STANAG 4381 specifications
- Homologations: ECE-CEE
- According to regulations: EMC/EMI MIL – STD 461F



Location on the vehicle left lamp view



Location on the vehicle right lamp view



Position/stop Function

B1195  
E24  
0063 R1-S1 02  
9 - 32V  
TAIL 1.5W  
STOP 3.5W

Direction Function

B1196  
E24  
0031 2a 01  
9 - 32V 4W

Sachnummer Part Number	RH	LH	↔	STOP	STOP	STOP	Volt	
PMB1598000	X		X	X	X	X	24V	I.R. NATO Green / NATO Grün
PMB1599000		X	X	X	X	X	24V	I.R. NATO Green / NATO Grün
PMB1600000	X		X	X	X	X	24V	I.R. MIL Green / MIL Grün
PMB1601000		X	X	X	X	X	24V	I.R. MIL Green / MIL Grün

# LED Multifunktions-Rückleuchte

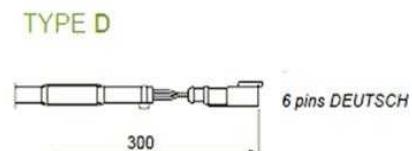
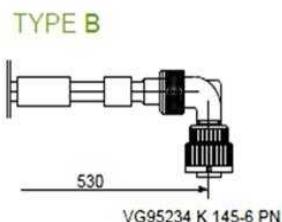
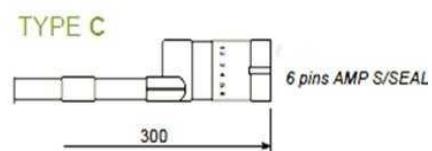
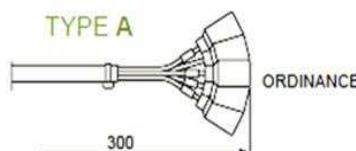
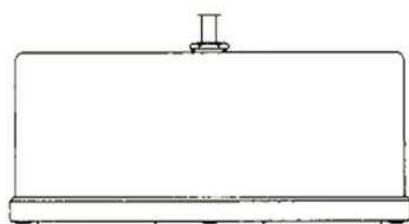
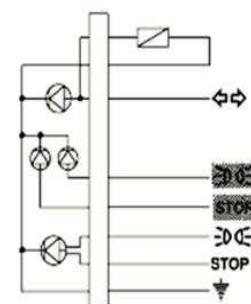
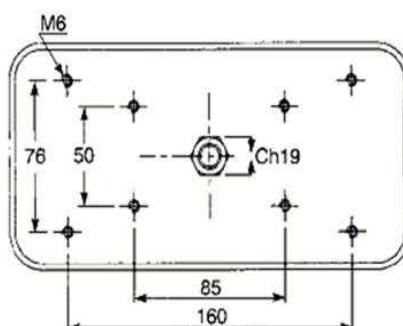
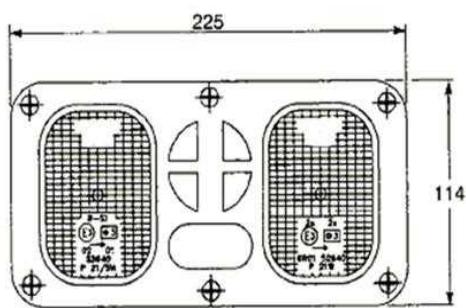
## LED Multifunction rear lamp



- Gehäuse und Rahmen in Aluminium
- Tarnmodus nach NATO Spezifikationen
- Homologation: ECE - CEE
- Schutzklasse IP68 (0,2bar)

- Housing and frame in treated / painted aluminium alloy
- Black-out services according to NATO specifications
- Homologations: ECE - CEE
- Protection degree IP68 (0,2bar)

5502 24V 1,3W     
 5502 24V 1,0W





# LED Multifunktions-Rückleuchte LED Multifunction rear lamp

Sachnummer Part Number	Type	RH	LH			STOP			Volt	
PMB0542000	A	X		X	X	X	X	X	24V	I.R. NATO Green / I.R. NATO Grün
PMB0543000	A		X	X	X	X	X	X	24V	I.R. NATO Green / I.R. NATO Grün
PMB0240000	B	X		X	X	X	X	X	24V	I.R. NATO Green / I.R. NATO Grün
PMB0241000	B		X	X	X	X	X	X	24V	I.R. NATO Green / I.R. NATO Grün
PMB0544000	C	X		X	X	X	X	X	24V	I.R. NATO Green / I.R. NATO Grün
PMB0545000	C		X	X	X	X	X	X	24V	I.R. NATO Green / I.R. NATO Grün
PMB0546000	A	X		X	X	X	X	X	24V	I.R. MIL Green / I.R. MIL Grün
PMB0547000	A		X	X	X	X	X	X	24V	I.R. MIL Green / I.R. MIL Grün
PMB0548000	B	X		X	X	X	X	X	24V	I.R. MIL Green / I.R. MIL Grün
PMB0549000	B		X	X	X	X	X	X	24V	I.R. MIL Green / I.R. MIL Grün
PMB0550000	C	X		X	X	X	X	X	24V	I.R. MIL Green / I.R. MIL Grün
PMB0551000	C		X	X	X	X	X	X	24V	I.R. MIL Green / I.R. MIL Grün
PMB0552000	A	X		X	X	X	X	X	24V	Camouflage Black / Camouflage Schwarz
PMB0553000	A		X	X	X	X	X	X	24V	Camouflage Black / Camouflage Schwarz
PMB0554000	B	X		X	X	X	X	X	24V	Camouflage Black / Camouflage Schwarz
PMB0555000	B		X	X	X	X	X	X	24V	Camouflage Black / Camouflage Schwarz
PMB0556000	C	X		X	X	X	X	X	24V	Camouflage Black / Camouflage Schwarz
PMB0557000	C		X	X	X	X	X	X	24V	Camouflage Black / Camouflage Schwarz
PMB0558000	A	X		X	X	X	X	X	24V	Camouflage Brown/ Camouflage Braun
PMB0559000	A		X	X	X	X	X	X	24V	Camouflage Brown/ Camouflage Braun
PMB0560000	B	X		X	X	X	X	X	24V	Camouflage Brown/ Camouflage Braun
PMB0561000	B		X	X	X	X	X	X	24V	Camouflage Brown/ Camouflage Braun
PMB0562000	C	X		X	X	X	X	X	24V	Camouflage Brown/ Camouflage Braun
PMB0563000	C		X	X	X	X	X	X	24V	Camouflage Brown/ Camouflage Braun
PMB0564000	A	X		X	X	X	X	X	24V	Camouflage Green/ Camouflage Grün
PMB0565000	A		X	X	X	X	X	X	24V	Camouflage Green/ Camouflage Grün
PMB0566000	B	X		X	X	X	X	X	24V	Camouflage Green/ Camouflage Grün
PMB0567000	B		X	X	X	X	X	X	24V	Camouflage Green/ Camouflage Grün
PMB0568000	C	X		X	X	X	X	X	24V	Camouflage Green/ Camouflage Grün
PMB0569000	C		X	X	X	X	X	X	24V	Camouflage Green/ Camouflage Grün
PMB1796000	D	X		X	X	X	X	X	24V	Green Ral 6031 / Grün Ral 6031
PMB1795000	D		X	X	X	X	X	X	24V	Green Ral 6031 / Grün Ral 6031



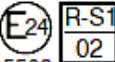
## LED Multifunktions-Rückleuchte LED Multifunction rear lamp

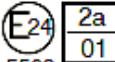
Sachnummer Part Number	Type	RH	LH				STOP			Volt	
PMB0514000	A	X		X	X	X	X	X	X	24V	I.R. NATO Green / I.R. NATO Grün
PMB0515000	A		X	X	X	X	X	X	X	24V	I.R. NATO Green / I.R. NATO Grün
PMB0385000	B	X		X	X	X	X	X	X	24V	I.R. NATO Green / I.R. NATO Grün
PMB0386000	B		X	X	X	X	X	X	X	24V	I.R. NATO Green / I.R. NATO Grün
PMB0516000	C	X		X	X	X	X	X	X	24V	I.R. NATO Green / I.R. NATO Grün
PMB0517000	C		X	X	X	X	X	X	X	24V	I.R. NATO Green / I.R. NATO Grün
PMB0518000	A	X		X	X	X	X	X	X	24V	I.R. MIL Green / I.R. MIL Grün
PMB0519000	A		X	X	X	X	X	X	X	24V	I.R. MIL Green / I.R. MIL Grün
PMB0520000	B	X		X	X	X	X	X	X	24V	I.R. MIL Green / I.R. MIL Grün
PMB0521000	B		X	X	X	X	X	X	X	24V	I.R. MIL Green / I.R. MIL Grün
PMB0522000	C	X		X	X	X	X	X	X	24V	I.R. MIL Green / I.R. MIL Grün
PMB0523000	C		X	X	X	X	X	X	X	24V	I.R. MIL Green / I.R. MIL Grün
PMB0524000	A	X		X	X	X	X	X	X	24V	Camouflage Black / Camouflage Schwarz
PMB0525000	A		X	X	X	X	X	X	X	24V	Camouflage Black / Camouflage Schwarz
PMB0526000	B	X		X	X	X	X	X	X	24V	Camouflage Black / Camouflage Schwarz
PMB0527000	B		X	X	X	X	X	X	X	24V	Camouflage Black / Camouflage Schwarz
PMB0528000	C	X		X	X	X	X	X	X	24V	Camouflage Black / Camouflage Schwarz
PMB0529000	C		X	X	X	X	X	X	X	24V	Camouflage Black / Camouflage Schwarz
PMB0530000	A	X		X	X	X	X	X	X	24V	Camouflage Brown/ Camouflage Braun
PMB0531000	A		X	X	X	X	X	X	X	24V	Camouflage Brown/ Camouflage Braun
PMB0532000	B	X		X	X	X	X	X	X	24V	Camouflage Brown/ Camouflage Braun
PMB0533000	B		X	X	X	X	X	X	X	24V	Camouflage Brown/ Camouflage Braun
PMB0534000	C	X		X	X	X	X	X	X	24V	Camouflage Brown/ Camouflage Braun
PMB0535000	C		X	X	X	X	X	X	X	24V	Camouflage Brown/ Camouflage Braun
PMB0536000	A	X		X	X	X	X	X	X	24V	Camouflage Green/ Camouflage Grün
PMB0537000	A		X	X	X	X	X	X	X	24V	Camouflage Green/ Camouflage Grün
PMB0538000	B	X		X	X	X	X	X	X	24V	Camouflage Green/ Camouflage Grün
PMB0539000	B		X	X	X	X	X	X	X	24V	Camouflage Green/ Camouflage Grün
PMB0540000	C	X		X	X	X	X	X	X	24V	Camouflage Green/ Camouflage Grün
PMB0541000	C		X	X	X	X	X	X	X	24V	Camouflage Green/ Camouflage Grün

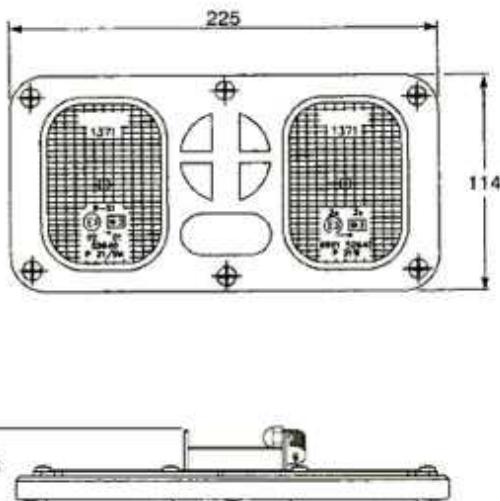
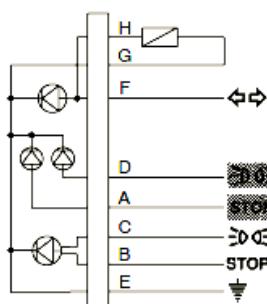
# LED Multifunktions-Rückleuchte

## LED Multifunction rear lamp



 **R-S1**  
**02**  
**5502** 24V 1,3W

 **2a**  
**01**  
**5502** 24V 1,0W



- Gehäuse und Rahmen in Aluminium
- Tarnmodus nach NATO Spezifikationen
- Homologation: ECE - CEE
- Schutzklasse IP68 (0,2bar)
- Housing and frame in treated / painted aluminium alloy
- Black-out services according to NATO specifications
- Homologations: ECE-CEE
- Protection degree IP68 (0,2bar)

Sachnummer Part Number	RH	LH	↔	▷◁	STOP	STOP ↔	STOP ▷◁	Volt	
PMB0279000	X		X	X	X	X	X	24V	I.R. NATO Green / I.R. NATO Grün
PMB0280000		X	X	X	X	X	X	24V	I.R. NATO Green / I.R. NATO Grün
PMB0506000	X		X	X	X	X	X	24V	I.R. MIL Green / I.R. MIL Grün
PMB0507000		X	X	X	X	X	X	24V	I.R. MIL Green / I.R. MIL Grün
PMB0508000	X		X	X	X	X	X	24V	Camouflage Black / Camouflage Schwarz
PMB0509000		X	X	X	X	X	X	24V	Camouflage Black / Camouflage Schwarz
PMB0510000	X		X	X	X	X	X	24V	Camouflage Brown / Camouflage Braun
PMB0511000		X	X	X	X	X	X	24V	Camouflage Brown / Camouflage Braun
PMB0512000	X		X	X	X	X	X	24V	Camouflage Green / Camouflage Grün
PMB0513000		X	X	X	X	X	X	24V	Camouflage Green / Camouflage Grün

# Multifunktions-Rückleuchten

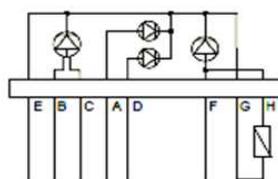
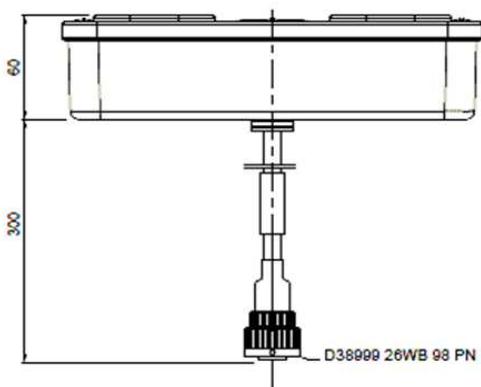
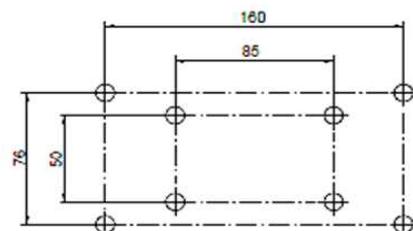
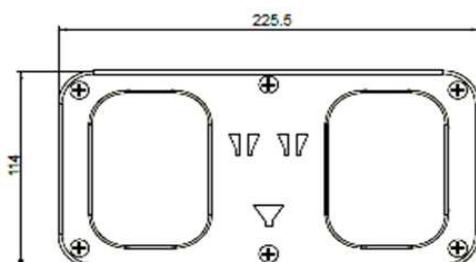
## Multi-function rear lamps

STOP

- Gehäuse aus Aluminium
- Schutzklasse IP68 (0,2bar)
- Tarnlichtmodus nach STANAG 4381
- Spezifikationen
- Homologation: ECE-CEE

- Housing and frame material: Treated/painted aluminium alloy
- Sealing: IP68 (0,2bar)
- Black out service according to STANAG 4381 specifications
- Homologations: ECE-CEE

*Function direction*
2a  
01  
 24V 1.0W

*Function stop / tail*
R-S1  
02  
 24V 1.3W


PIN	
A	Stop B.O.
B	Stop
C	Tail light
D	Tail light B.O.
E	Ground
F	Turn light
G	Negative
H	Positive

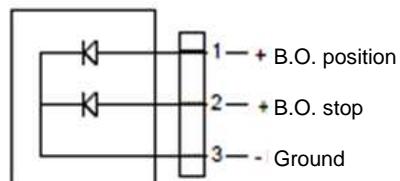
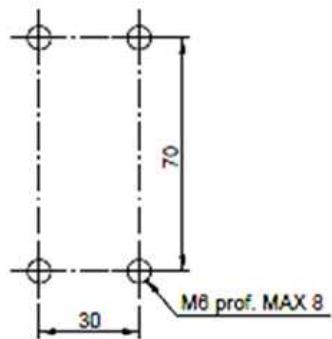
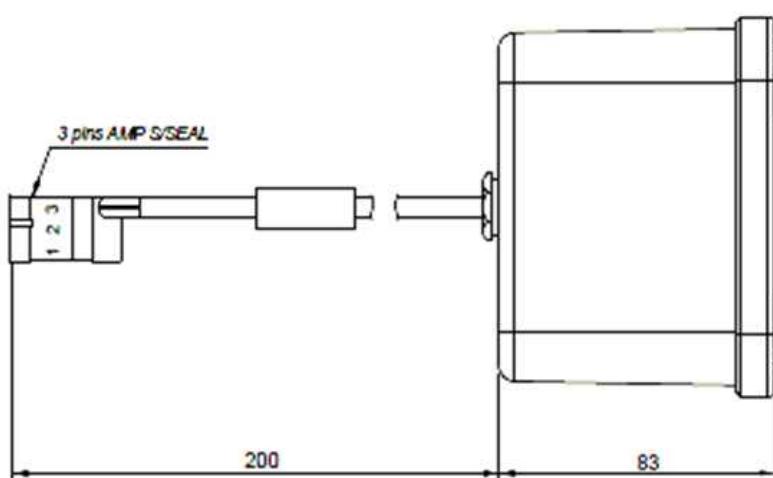
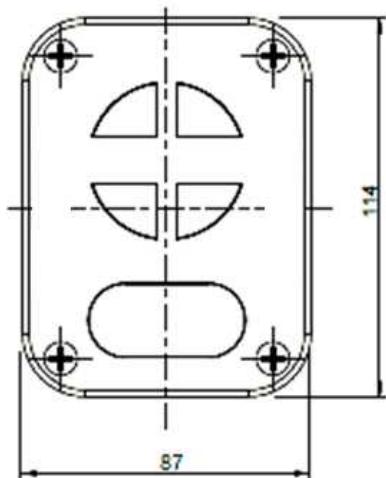
Sachnummer Part Number	RH	LH	↔↔	STOP	STOP ↔↔	STOP ▽	Volt	
PMB1405000	X		X	X	X	X	24V	I.R. NATO Green / NATO Grün
PMB1406000		X	X	X	X	X	24V	I.R. NATO Green / NATO Grün

# Tarn Positions- / Stop- Rückleuchten Black out position / stop rear lamps



## STOP

- Gehäuse aus Aluminium
- Schutzklasse IP68 (0,2bar)
- Tarnlichtmodus nach NATO Spezifikationen
- Housing and frame material: Treated/painted aluminium alloy
- Sealing: IP68 (0,2bar)
- Black out service according to NATO specifications

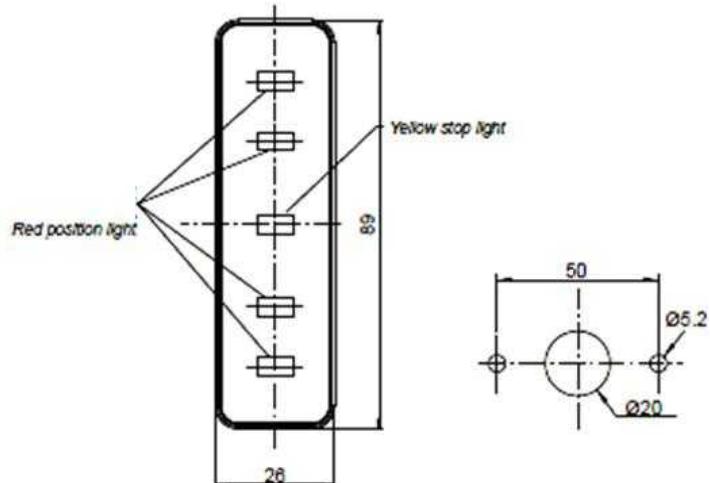
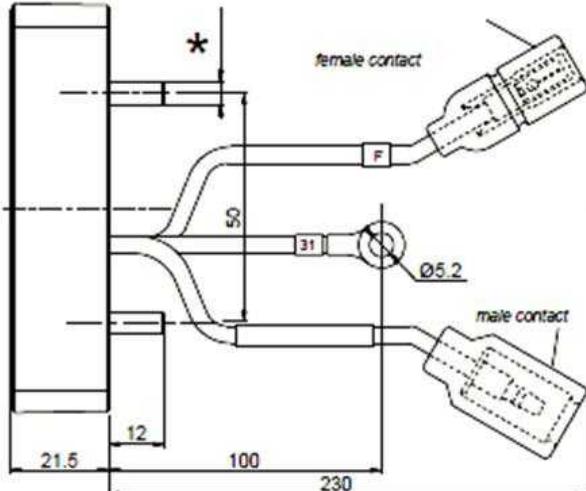
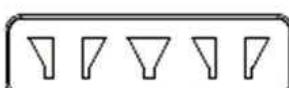
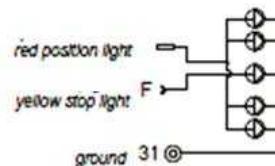


Sachnummer Part Number	RH	LH				
PMB1202000	X	X	X	X	24V	I.R. NATO Green / I.R. NATO Grün

# Tarn Positions- / Stop- Rückleuchten Black out position / stop rear lamps


 **STOP**

- Gehäuse und Rahmen aus Technopolymer
- Schutzklasse IP68 (0,2bar)
- Housing and frame material: Technopolymer
- Sealing: IP68 (0,2bar)


**TYPE A**

**TYPE B**


Sachnummer Part Number	Type	Screw Schraube			Connection Verbindung	Volt	
PMB0968000	A	8 – 32 UNC	X	X	Ordinance	12V	Green Ral 6031 / Grün Ral 6031
PMB1144000	A	8 – 32 UNC	X	X	Ordinance	24V	Green Ral 6031 / Grün Ral 6031
PMB1176000	B	8 – 32 UNC	X	X	Ordinance	12V	Green Ral 6031 / Grün Ral 6031
PMB1178000	B	8 – 32 UNC	X	X	Ordinance	24V	Green Ral 6031 / Grün Ral 6031
PMB0979000	A	M5	X	X		12V	Green Ral 6031 / Grün Ral 6031
PMB1149000	A	M5	X	X		12V	Green Ral 6031 / Grün Ral 6031
PMB1160000	A	M5	X	X		24V	Green Ral 6031 / Grün Ral 6031
PMB1173000	B	8 – 32 UNC	X	X		12V	Green Ral 6031 / Grün Ral 6031
PMB1175000	B	8 – 32 UNC	X	X		24V	Green Ral 6031 / Grün Ral 6031
PMB1410000	B	8 – 32 UNC	X	X		12V	Green Ral 6031 / Grün Ral 6031

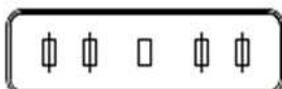
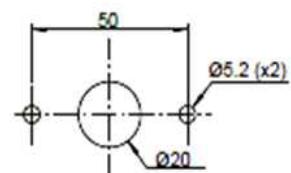
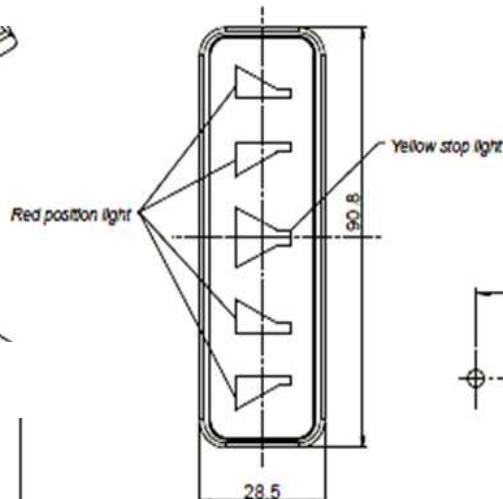
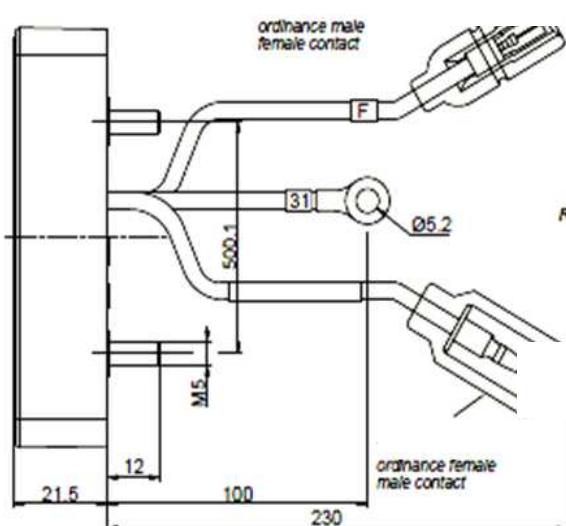
# Tarn Positions- / Stop- Rückleuchten Black out position / stop rear lamps



## STOP

- Rahmen aus Technopolymer
- Gehäuse aus Aluminium
- Schutzklasse IP68 (0,2bar)

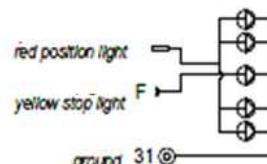
- Frame material: Technopolymer
- Housing material: Treated/painted aluminium alloy
- Sealing: IP68 (0,2bar)



**TYPE A**



**TYPE B**



Sachnummer Part Number	Type	Screw Schraube		STOP	Connection Verbindung	Volt	
PMB1544000	B	M5	X	X	Ordinance	12V	I.R. NATO Green / I.R. NATO Grün
PMB1546000	B	M5	X	X	Ordinance	24V	I.R. NATO Green / I.R. NATO Grün
PMB1548000	B	M5	X	X		12V	I.R. NATO Green / I.R. NATO Grün
PMB1550000	B	M5	X	X		24V	I.R. NATO Green / I.R. NATO Grün

# Rückfahrlichtscheinwerfer und Nebelrückfahrlichtscheinwerfer Reversing light and rear fog light rear lamps



(R) = 0

- Gehäuse aus Aluminium
- Schutzklasse IP68 (0,2bar)
- Homologation: ECE-CEE

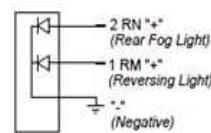
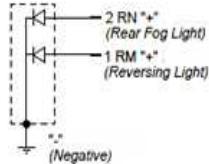
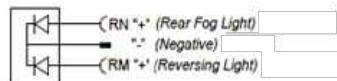
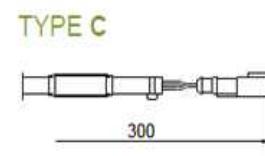
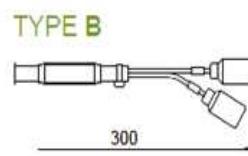
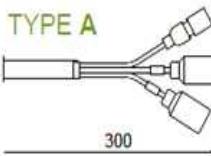
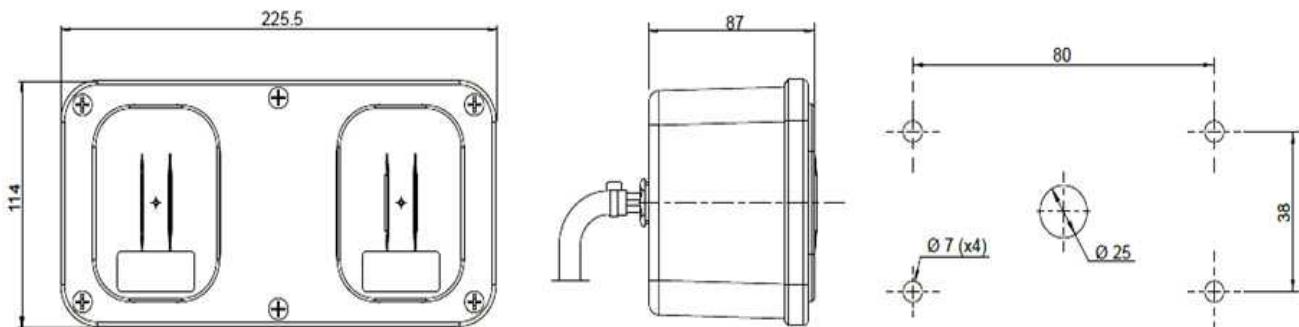
- Housing and frame material: Treated/painted aluminium alloy
- Sealing: IP68 (0,2bar)
- Homologations: ECE-CEE

*Function Reversing light*

B1194  
 R-00  
 0018 9 - 32V 8W

*Function Rear fog light*

B1193  
 F1-00  
 0015 9 - 32V 4W



# Rückfahrsscheinwerfer und Nebelrückfahrsscheinwerfer Reversing light and rear fog light rear lamps



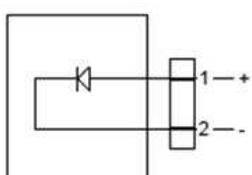
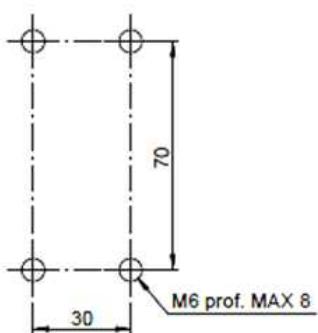
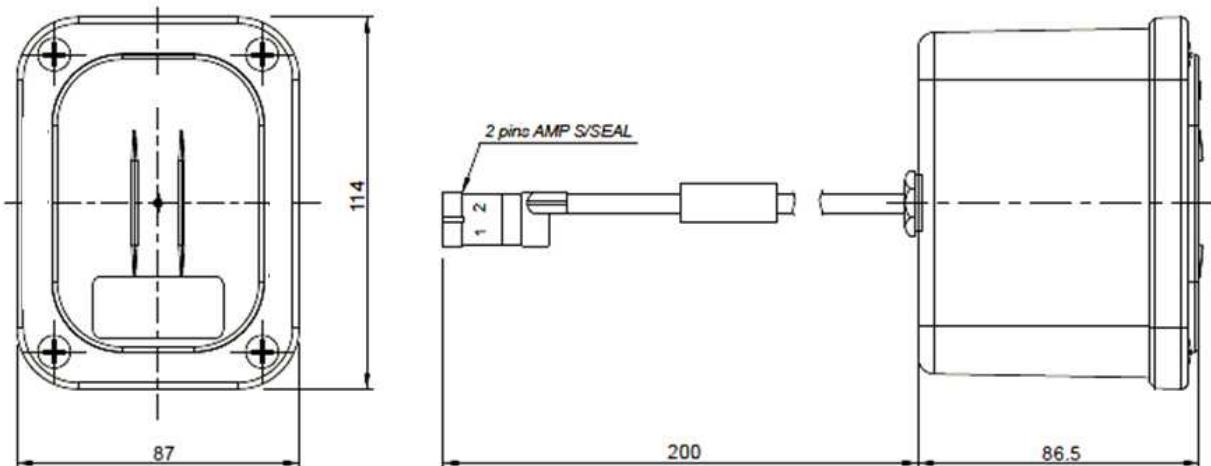
Sachnummer Part Number	Type	RH	LH			Electromagnetic Compatibility Elektromagnetische Verträglichkeit	Volt	
PMB1701000	A	X		X	X	EMC MIL – 461F	9-32V	I.R. NATO Green / NATO Grün
PMB1702000	B	X		X	X	EMC MIL – 461F	9-32V	I.R. NATO Green / NATO Grün
PMB1703000	A	X		X	X		9-32V	I.R. NATO Green / NATO Grün
PMB1793000	B	X		X	X		9-32V	I.R. NATO Green / NATO Grün
PMB1705000	A		X	X	X	EMC MIL – 461F	9-32V	I.R. NATO Green / NATO Grün
PMB1706000	B		X	X	X	EMC MIL – 461F	9-32V	I.R. NATO Green / NATO Grün
PMB1707000	A		X	X	X		9-32V	I.R. NATO Green / NATO Grün
PMB1794000	B		X	X	X		9-32V	I.R. NATO Green / NATO Grün
PMB1704000	C	X		X	X		9-32V	Green Ral 6031 / Grün Ral 6031
PMB1708000	C		X	X	X		9-32V	Green Ral 6031 / Grün Ral 6031

# Rückfahrleuchten und Nebelrückfahrleuchten Reversing light and rear fog light rear lamps



- Gehäuse aus Aluminium
- Schutzklasse IP68 (0,2bar)
- Homologation: ECE-CEE

- Housing and frame material: Treated/painted aluminium alloy
- Sealing: IP68 (0,2bar)
- Homologations: ECE-CEE



# Rückfahrleuchten und Nebelrückleuchten Reversing light and rear fog light rear lamps



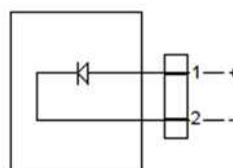
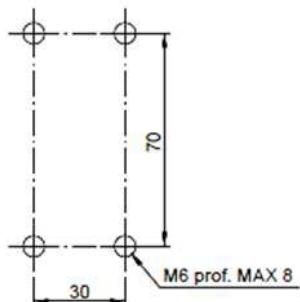
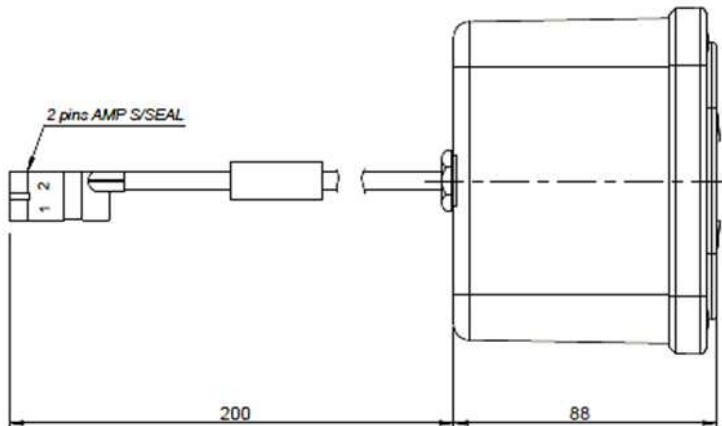
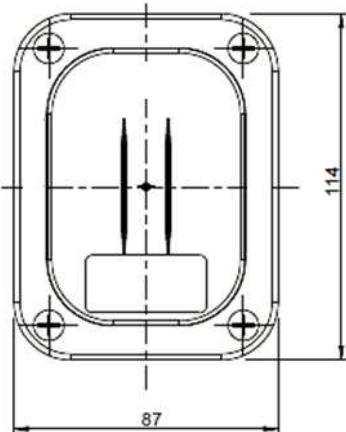
Sachnummer Part Number			Electromagnetic Compatibility Elektromagnetische Verträglichkeit	Volt	
PMB1193000	X			9-32V	I.R. NATO Green / NATO Grün
PMB1213000	X			9-32V	Camouflage Black / Camouflage Schwarz
PMB1226000	X			9-32V	Camouflage Green / Camouflage Grün
PMB1455000	X		EMC MIL – 461F	9-32V	I.R. NATO Green / NATO Grün
PMB1456000	X		EMC MIL – 461F	9-32V	Camouflage Black / Camouflage Schwarz
PMB1457000	X		EMC MIL – 461F	9-32V	Camouflage Green / Camouflage Grün
PMB1194000		X		9-32V	I.R. NATO Green / NATO Grün
PMB1214000		X		9-32V	Camouflage Black / Camouflage Schwarz
PMB1227000		X		9-32V	Camouflage Green / Camouflage Grün
PMB1452000		X	EMC MIL – 461F	9-32V	I.R. NATO Green / NATO Grün
PMB1453000		X	EMC MIL – 461F	9-32V	Camouflage Black / Camouflage Schwarz
PMB1454000		X	EMC MIL – 461F	9-32V	Camouflage Green / Camouflage Grün



- Gehäuse aus Aluminium
- Schutzklasse IP68 (0,2bar)
- Homologation: ECE-CEE

- Housing and frame material: Treated/painted aluminium alloy
- Sealing: IP68 (0,2bar)
- Homologations: ECE-CEE

B1196  
 E24 2a 01  
 0031 9 - 32V 4W



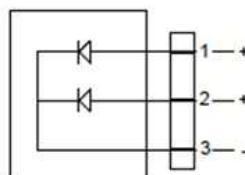
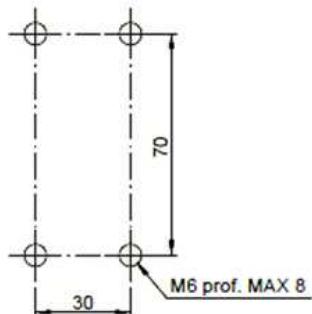
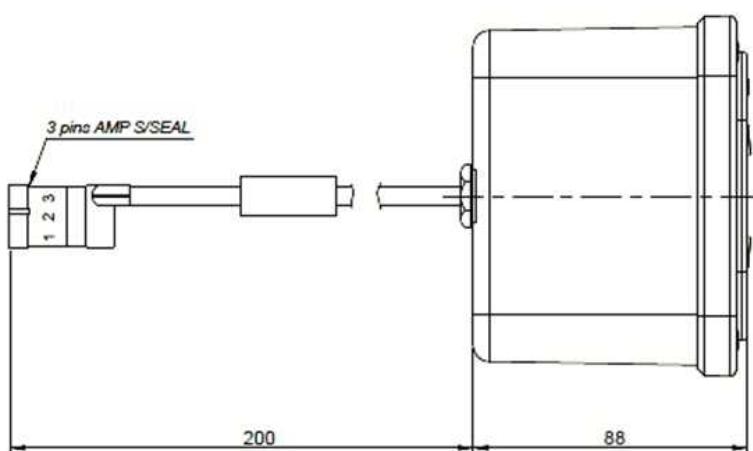
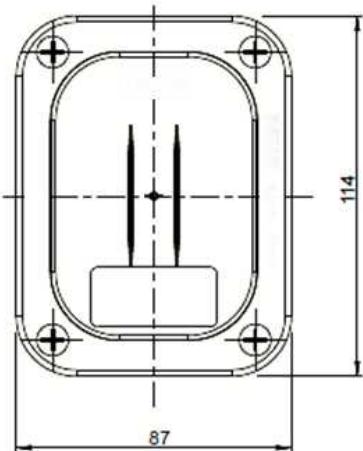
Sachnummer Part Number		Electromagnetic Compatibility Elektromagnetische Verträglichkeit	Volt	
PMB1196000	X		9-32V	I.R. NATO Green / NATO Grün
PMB1461000	X	EMC MIL – 461F	9-32V	I.R. NATO Green / NATO Grün



- Gehäuse aus Aluminium
- Schutzklasse IP68 (0,2bar)
- Homologation: ECE-CEE

- Housing and frame material: Treated/painted aluminium alloy
- Sealing: IP68 (0,2bar)
- Homologations: ECE-CEE

B1195  
E24  
R1-S1 02  
9 - 32V  
TAIL 1.5W  
0063 STOP 3.5W

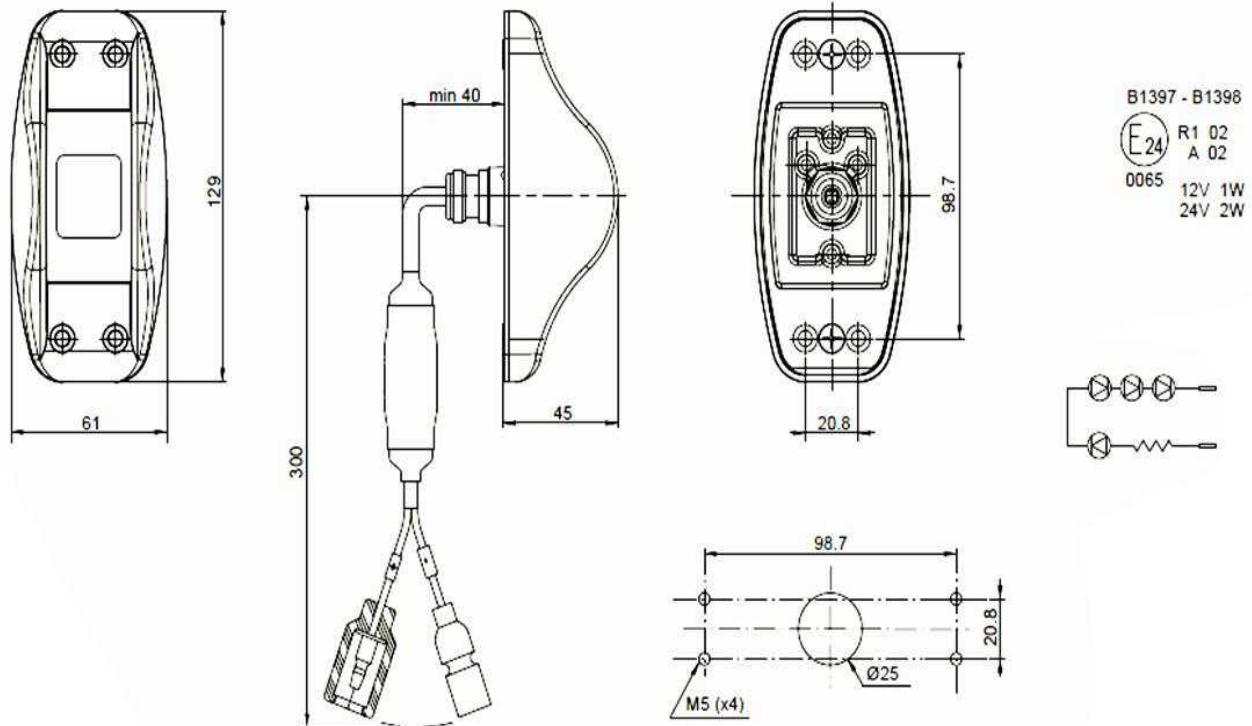


Sachnummer Part Number		STOP	Electromagnetic Compatibility Elektromagnetische Verträglichkeit	Volt	
PMB1195000	X	X		9-32V	I.R. NATO Green / NATO Grün
PMB1460000	X	X	EMC MIL – 461F	9-32V	I.R. NATO Green / NATO Grün



- Gehäuse aus Aluminium
- Schutzklasse IP68 (0,2bar)
- Homologation: ECE-CEE

- Housing and frame material: Treated/painted aluminium alloy
- Sealing: IP68 (0,2bar)
- Homologations: ECE-CEE

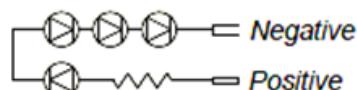
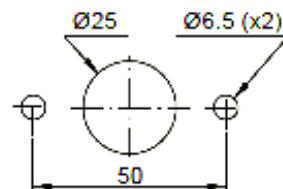
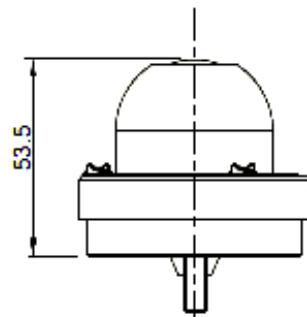
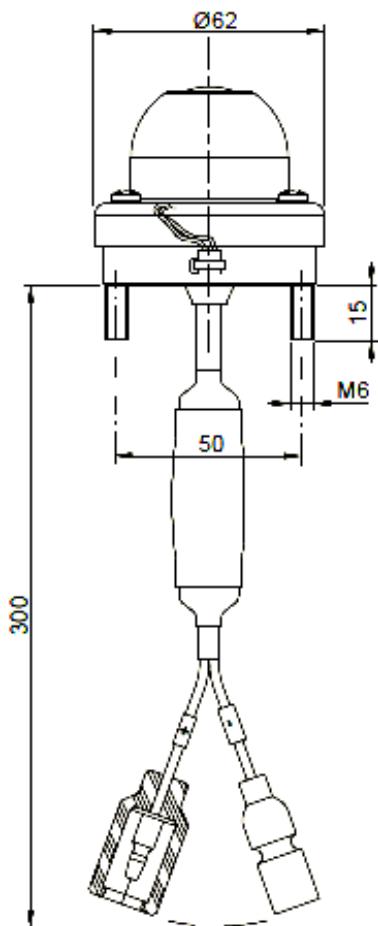


Sachnummer Part Number	LED	Resistor Widerstand	Volt	
PMB1398000	X	390 R – 2W	24V	I.R. NATO Green / NATO Grün
PMB1595000	X	82 R – 2W	12V	I.R. NATO Green / NATO Grün



- Gehäuse aus Aluminium
- Schutzklasse IP68 (0,2bar)

- Housing and frame material: Treated/painted aluminium alloy
- Sealing: IP68 (0,2bar)



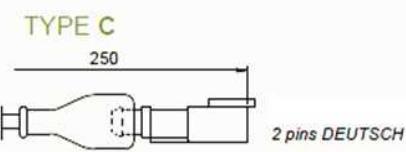
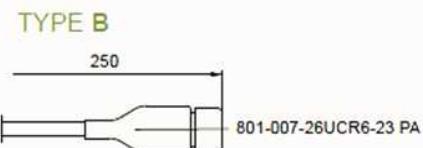
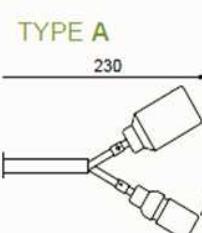
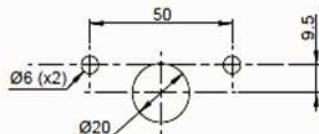
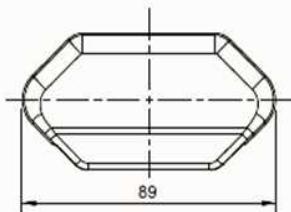
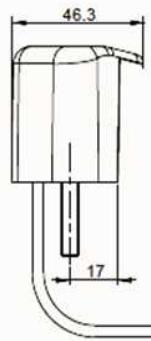
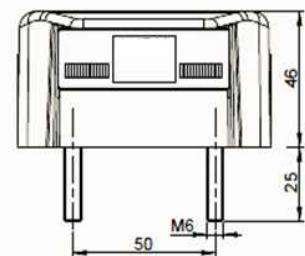
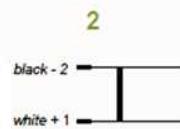
Sachnummer Part Number	STOP	Volt	
PMB1235000	X	24V	 I.R. NATO Green / NATO Grün



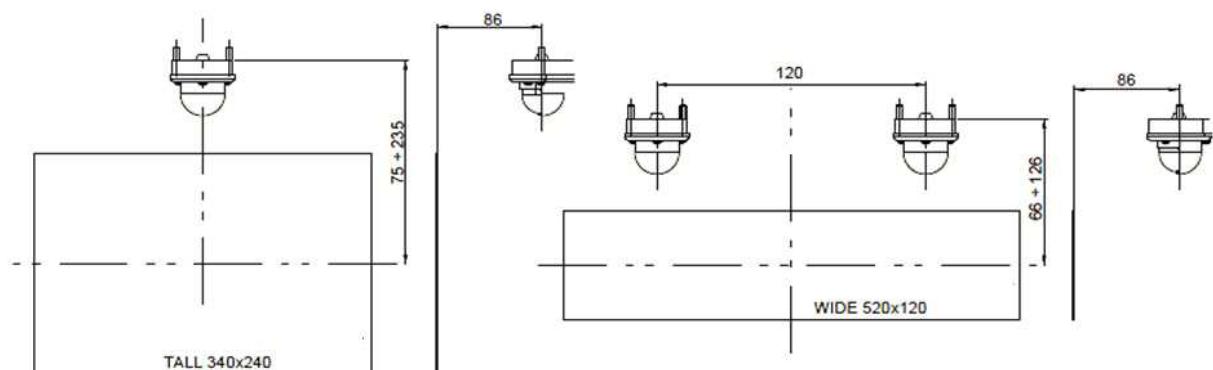
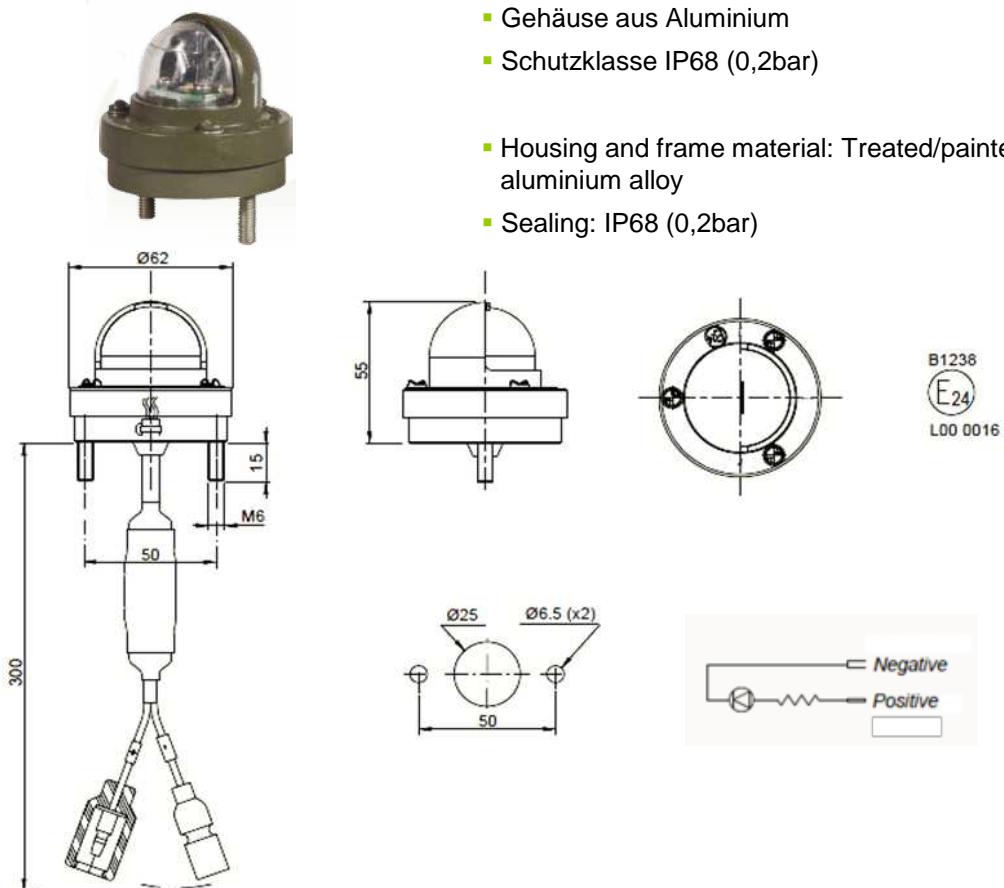
- Gehäuse aus Aluminium
- Schutzklasse IP68 (0,2bar)

- Housing and frame material: Treated/painted aluminium alloy
- Sealing: IP68 (0,2bar)

02.1494  
L00 (E13) 12341



Sachnummer Part Number	Type	LT	Volt	Wiring Diagram Schaltplan	
PMB1293000	A	X	12V	1	I.R. NATO Green / NATO Grün
PMB1205000	A	X	24V	1	I.R. NATO Green / NATO Grün
PMB1385000	B	X	24V	2	Green Ral 6031 / Grün Ral 6031
PMB1539000	C	X	24V	2	Matt Black / Matt Schwarz



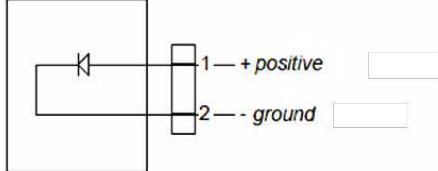
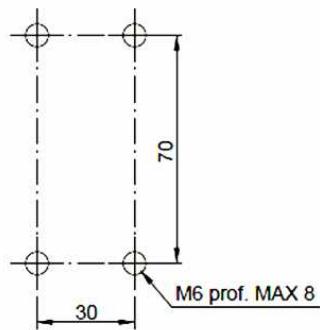
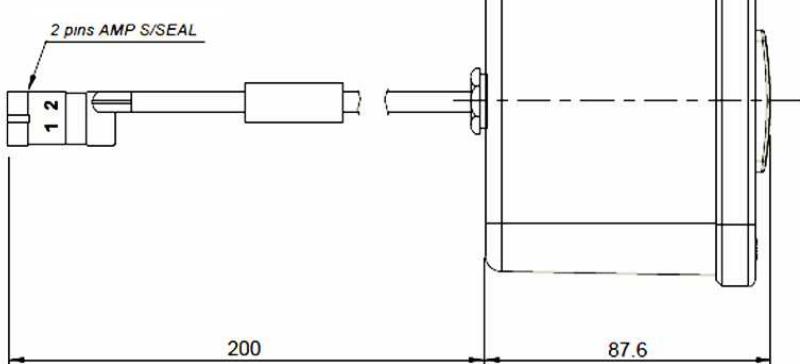
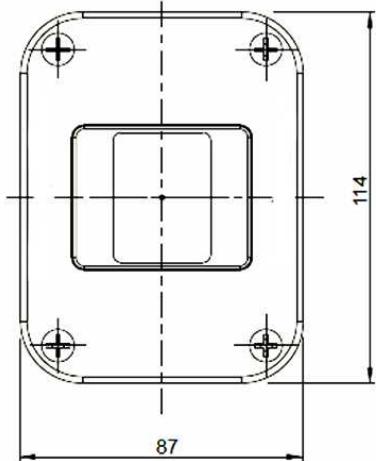
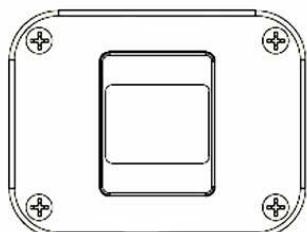
Sachnummer Part Number	LT	Volt	
PMB1562000	X	12V	I.R. NATO Green / NATO Grün
PMB1238000	X	24V	I.R. NATO Green / NATO Grün



- Gehäuse aus Aluminium
- Schutzklasse IP68 (0,2bar)
- Homologation: ECE-CEE

- Housing and frame material: Treated/painted aluminium alloy
- Sealing: IP68 (0,2bar)
- Homologations: ECE-CEE

B1197  
 E24 1-01  
 0034 9 - 32V 8.5W


*Vehicle installation*


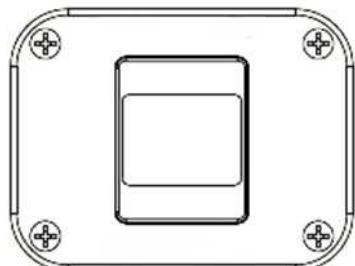
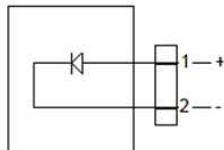
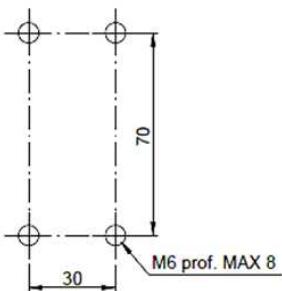
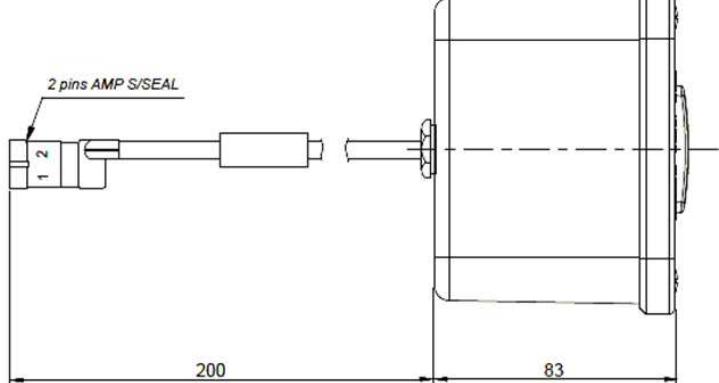
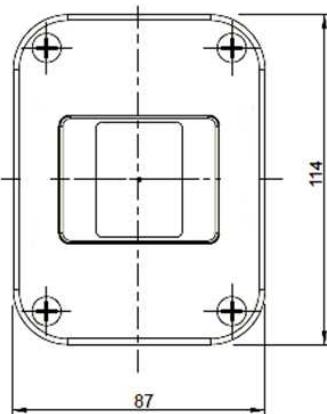
Sachnummer Part Number		Electromagnetic Compatibility Elektromagnetische Verträglichkeit	Volt	
PMB1197000	X		9-32V	I.R. NATO Green / NATO Grün
PMB1458000	X	EMC MIL – 461F	9-32V	I.R. NATO Green / NATO Grün

## Positionsleuchte vorne Front position lamps



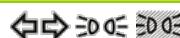

- Gehäuse aus Aluminium
- Schutzklasse IP68 (0,2bar)
- Homologation: ECE-CEE

- Housing and frame material: Treated/painted aluminium alloy
- Sealing: IP68 (0,2bar)
- Homologations: ECE-CEE



Sachnummer Part Number		Electromagnetic Compatibility Elektromagnetische Verträglichkeit	Volt	
PMB1199000	X		9-32V	I.R. NATO Green / NATO Grün
PMB1473000	X	EMC MIL – 461F	9-32V	I.R. NATO Green / NATO Grün

# Blinker und Positionsleuchte vorne Front direction and position lamps



- Gehäuse aus Aluminium
- Schutzklasse IP68 (0,2bar)
- Homologation: ECE-CEE

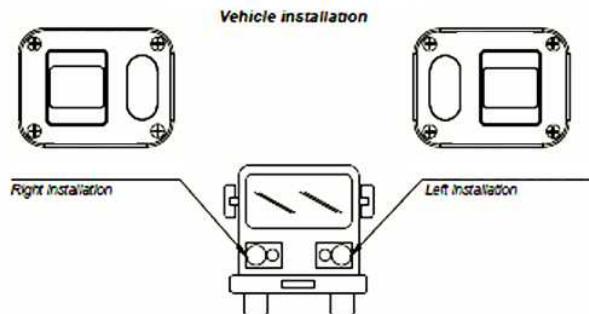
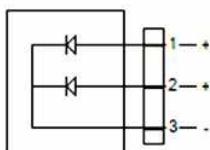
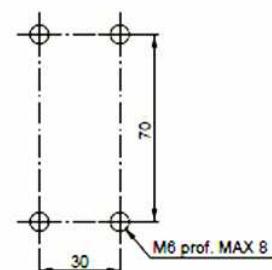
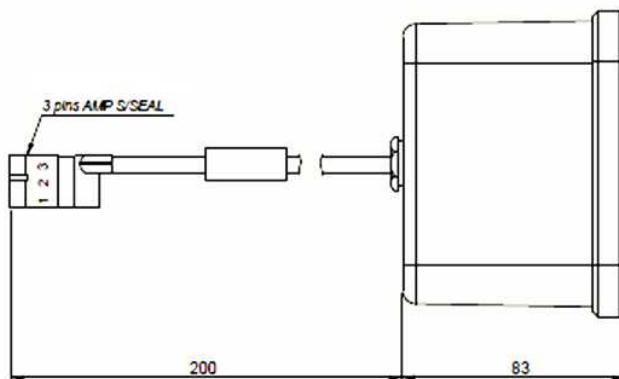
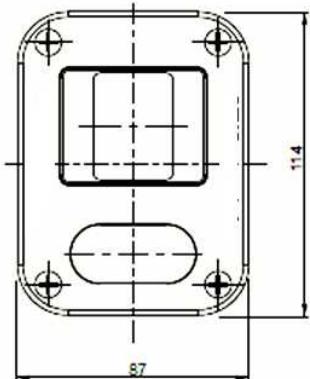
- Housing and frame material: Treated/painted aluminium alloy
- Sealing: IP68 (0,2bar)
- Homologations: ECE-CEE



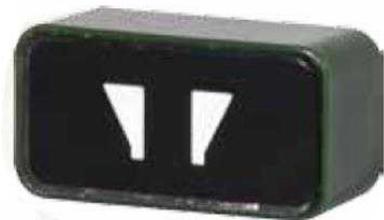
B1197  
E<sub>24</sub> 1-01  
0034 9 - 32V 8.5W



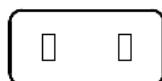
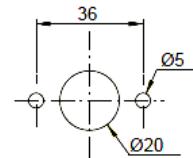
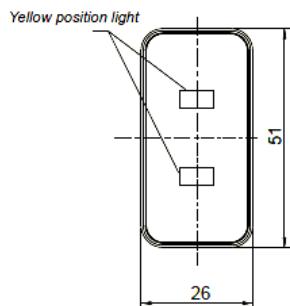
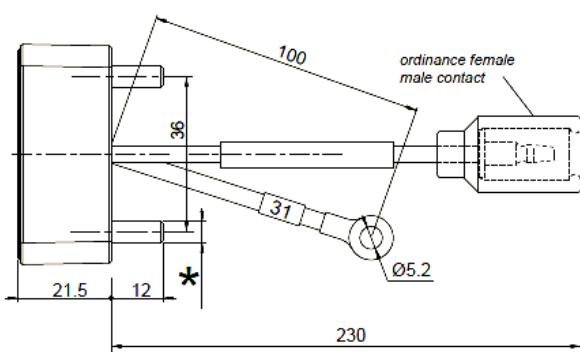
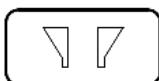
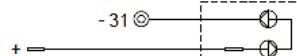
UNDERGOING  
HOMOLOGATION



Sachnummer Part Number				Electromagnetic Compatibility Elektromagnetische Verträglichkeit	Volt	
PMB1198000	X		X		9-32V	I.R. NATO Green / NATO Grün
PMB1459000	X		X	EMC MIL – 461F	9-32V	I.R. NATO Green / NATO Grün
PMB1200000		X	X		9-32V	I.R. NATO Green / NATO Grün
PMB1474000		X	X	EMC MIL – 461F	9-32V	I.R. NATO Green / NATO Grün

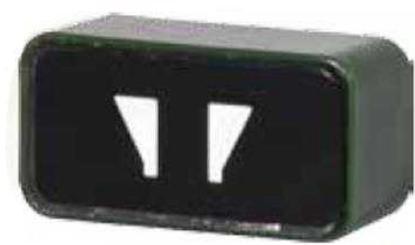

**ED 03**

- Gehäuse und Rahmen aus Technopolymer
- Schutzklasse IP68 (0,2bar)
- Housing and frame material: Technopolymer
- Sealing: IP68 (0,2bar)

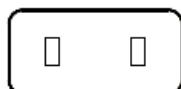
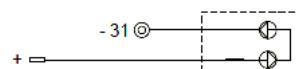
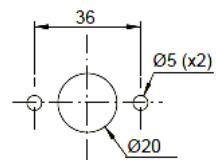
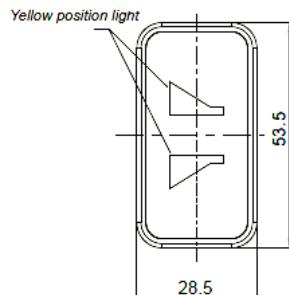
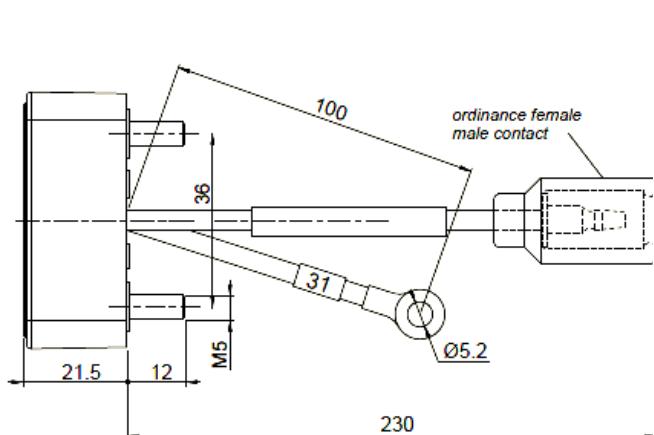
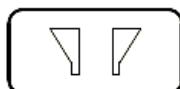

**TYPE A**

**TYPE B**


Sachnummer Part Number	Type	Screw Schraube	<b>ED 03</b>	Connection Verbindung	Volt	
PMB0967000	A	8 – 32 UNC	X	Ordinance	12V	Green Ral 6031 / Grün Ral 6031
PMB1145000	A	8 – 32 UNC	X	Ordinance	24V	Green Ral 6031 / Grün Ral 6031
PMB1177000	B	8 – 32 UNC	X	Ordinance	12V	Green Ral 6031 / Grün Ral 6031
PMB1179000	B	8 – 32 UNC	X	Ordinance	24V	Green Ral 6031 / Grün Ral 6031
PMB1593000	B	8 – 32 UNC	X	2 pins Deutsch	24V	Green Ral 6031 / Grün Ral 6031
PMB0978000	A	M5	X		12V	Green Ral 6031 / Grün Ral 6031
PMB1148000	A	M5	X		12V	Green Ral 6031 / Grün Ral 6031
PMB1150000	A	M5	X		24V	Green Ral 6031 / Grün Ral 6031
PMB1172000	B	8 – 32 UNC	X		12V	Green Ral 6031 / Grün Ral 6031
PMB1174000	B	8 – 32 UNC	X		24V	Green Ral 6031 / Grün Ral 6031
PMB1409000	B	8 – 32 UNC			12V	Green Ral 6031 / Grün Ral 6031

# Tarnvorderleuchte Black out front position lamps


**ED 03**

- Rahmen aus Technopolymer
- Gehäuse aus Aluminium
- Schutzklasse IP68 (0,2bar)
- Frame material: Technopolymer
- Housing material: Treated/painted aluminium alloy
- Sealing: IP68 (0,2bar)


**TYPE A**

**TYPE B**

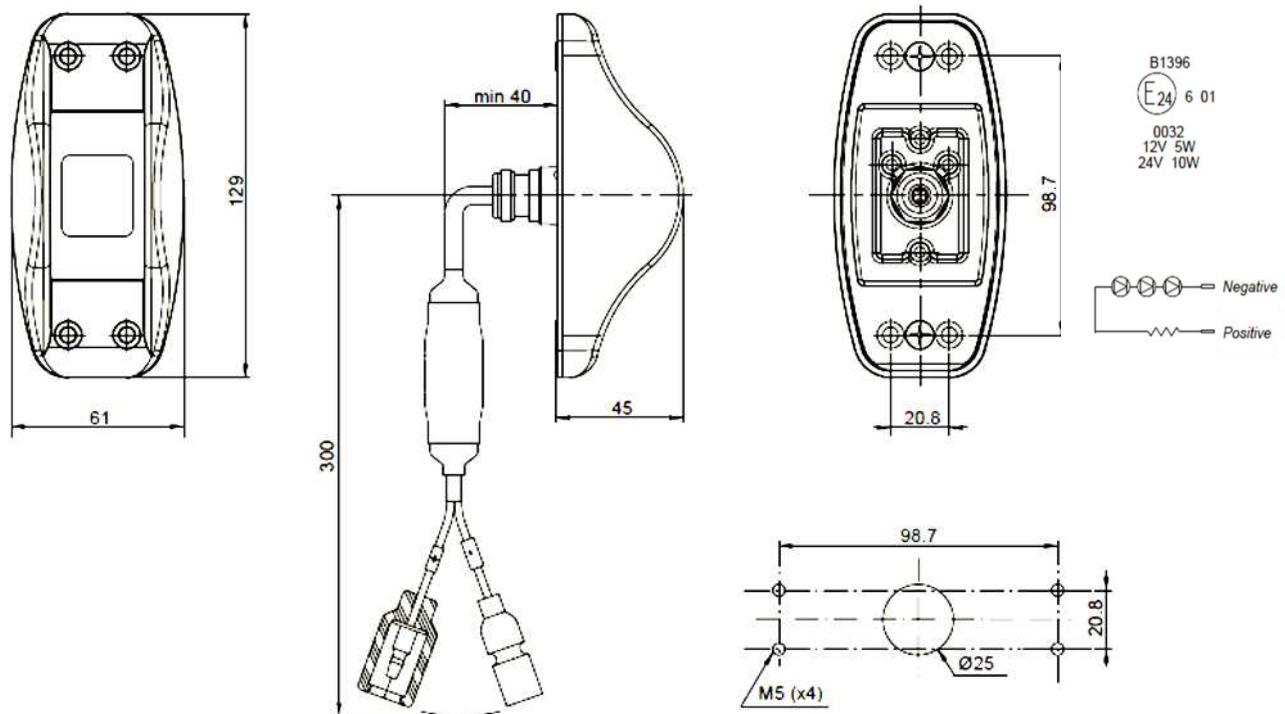

Sachnummer Part Number	Type	Screw Schraube	<b>ED 03</b>	Connection Verbindung	Volt	
PMB1543000	B	M5	X	Ordinance	12V	I.R. NATO Green / NATO Grün
PMB1545000	B	M5	X	Ordinance	24V	I.R. NATO Green / NATO Grün
PMB1547000	B	M5	X		12V	I.R. NATO Green / NATO Grün
PMB1549000	B	M5	X		24V	I.R. NATO Green / NATO Grün
PMB1387000	B	M5	X	801 - 007 -26DCR6 - 23PA	24V	Green Ral 6031 / Grün Ral 6031
PMB1392000	B	M5	X	801 - 007 -26DCR6 - 23PA	12V	Green Ral 6031 / Grün Ral 6031

# Positionsleuchte vorne Front position lamps



- Gehäuse aus Aluminium
- Schutzklasse IP68 (0,2bar)
- Homologation: ECE-CEE

- Housing and frame material: Treated/painted aluminium alloy
- Sealing: IP68 (0,2bar)
- Homologations: ECE-CEE

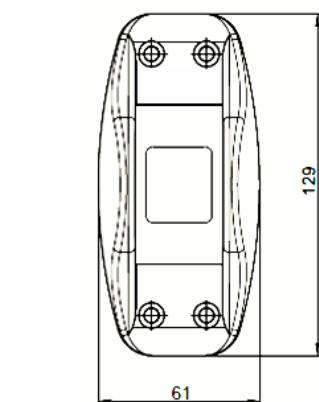
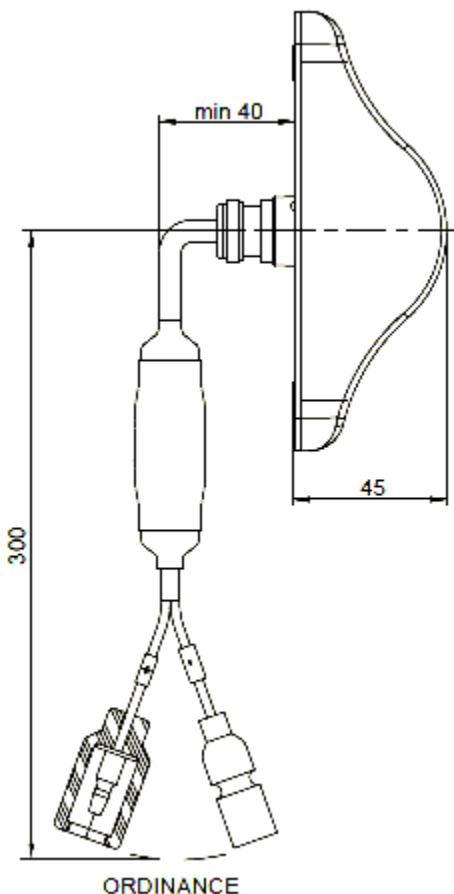


Sachnummer Part Number		Resistor Widerstand	Volt	
PMB1397000	X	470 R – 2W	24V	I.R. NATO Green / NATO Grün

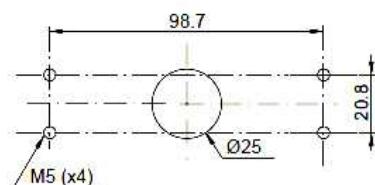
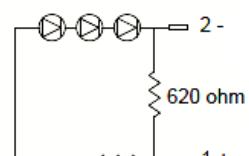
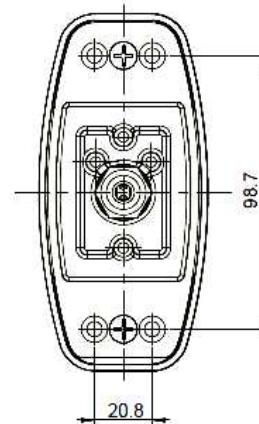


- Gehäuse aus Aluminium
- Schutzklasse IP68 (0,2bar)
- Homologation: ECE-CEE

- Housing and frame material: Treated/painted aluminium alloy
- Sealing: IP68 (0,2bar)
- Homologations: ECE-CEE



B1396  
 E24 6 01  
 0032  
 12V 5W  
 24V 10W



Sachnummer Part Number	↔	Volt	
PMB1396000	X	24V	Green Ral 6031 / Grün Ral 6031
PMB1563000	X	12V	I.R. NATO Green / NATO Grün

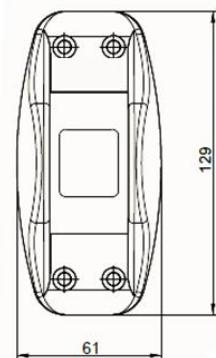
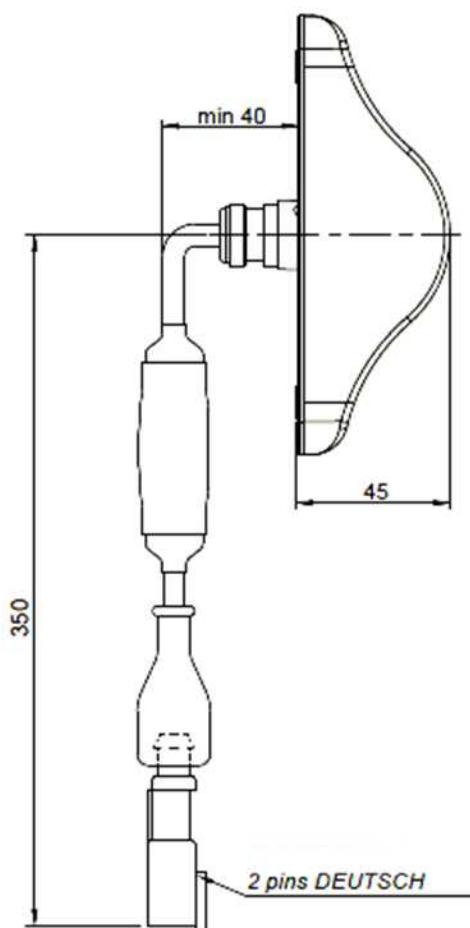
# Blinker seitlich

## Side direction indicator lamp

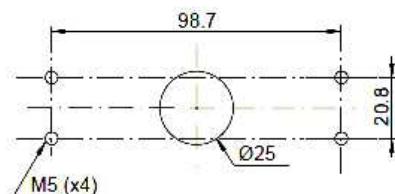
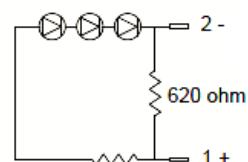
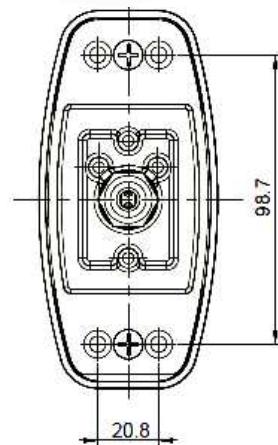


- Gehäuse aus Aluminium
- Schutzklasse IP68 (0,2bar)
- Homologation: ECE-CEE

- Housing and frame material: Treated/painted aluminium alloy
- Sealing: IP68 (0,2bar)
- Homologations: ECE-CEE



B1396  
 6 01  
0032  
12V 5W  
24V 10W



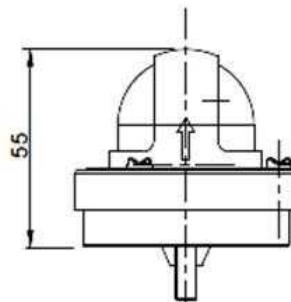
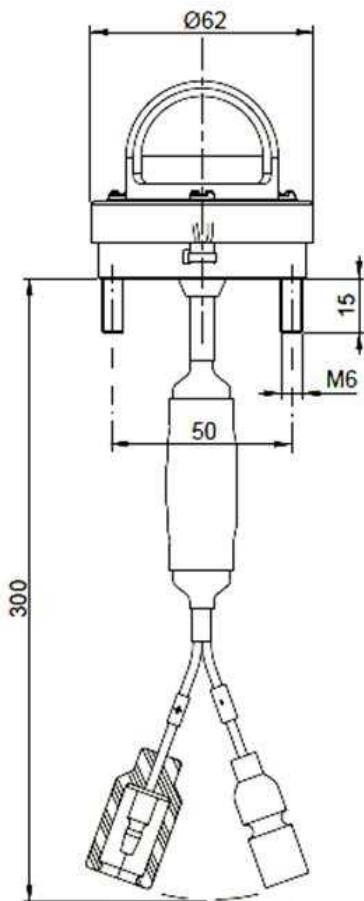
Sachnummer Part Number		Volt	
PMB1792000	X	24V	I.R. NATO Green / NATO Grün

# Begrenzungsleuchte seitlich Side outline marker lamp

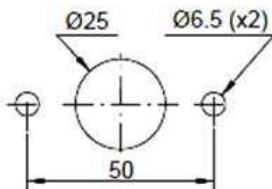
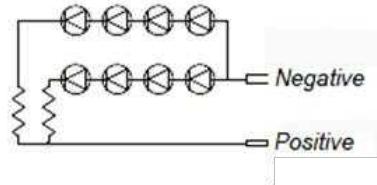
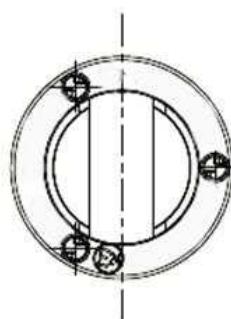

**E00**

- Gehäuse aus Aluminium
- Homologation: ECE - CEE
- Schutzklasse IP68 (0,2bar)

- Housing and base in treated/painted aluminium alloy
- Homologations: ECE - CEE
- Protection degree IP68 (0,2 bar)



B1237  
 E24  
A02-R102 0064



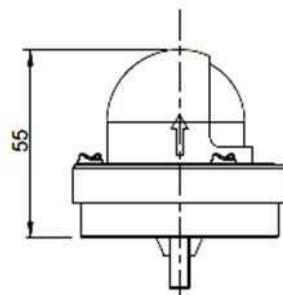
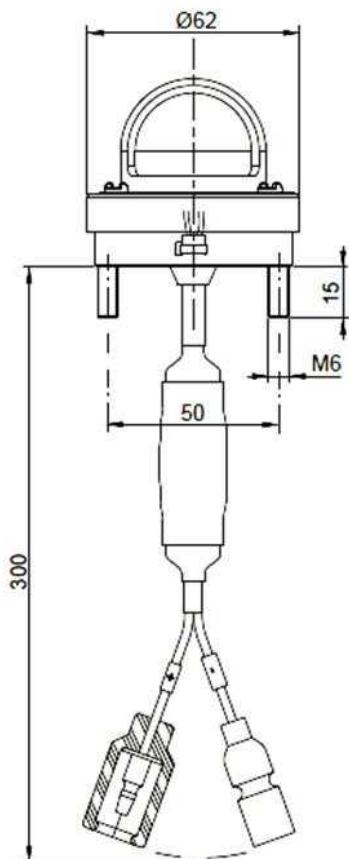
Sachnummer Part Number	<b>E00</b>	Volt	
PMB1373000	X	24V	I.R. NATO Green / I.R. NATO Grün

# Rück- und Frontpositionsleuchten seitlich Rear and front side position lamps

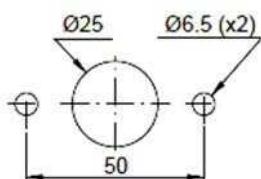
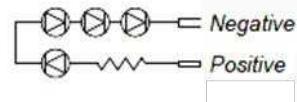
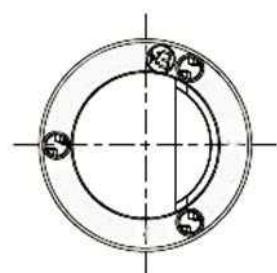


- Gehäuse aus Aluminium
- Homologation: ECE - CEE
- Schutzklasse IP68 (0,2bar)

- Housing and base in treated/painted aluminium alloy
- Homologations: ECE-CEE



B1237  
  
 A02-R102 0064

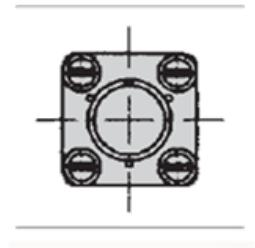
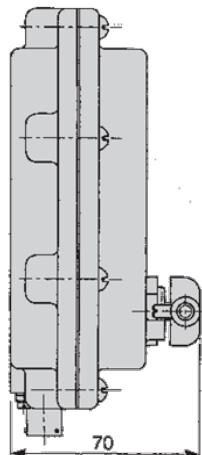
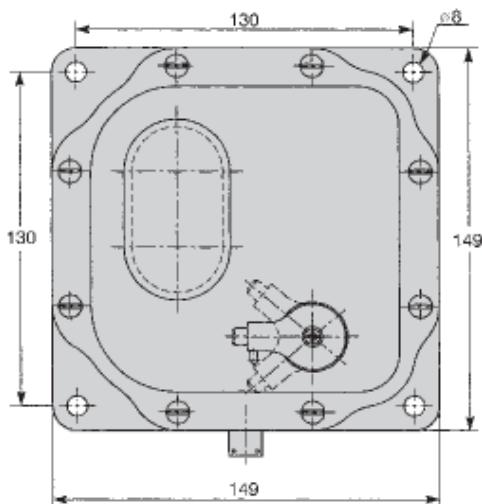


Sachnummer Part Number	ECE Post.	ECE Ant.	Volt	
PMB1236000	X		24V	I.R. NATO Green / I.R. NATO Grün
PMB1561000	X		12V	I.R. NATO Green / I.R. NATO Grün
PMB1237000		X	24V	I.R. NATO Green / I.R. NATO Grün

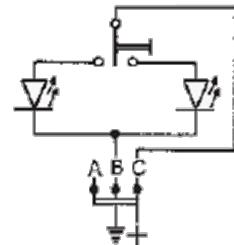
## Innenbeleuchtung mit Tarnfunktion Roof lamp with black out light



- Gehäuse aus Aluminium
- Tarnlichtmodus nach MIL-Standard Spezifikationen
- Schutzklasse IP68 (0,2 bar)
- Housing and frame in treated/painted aluminium alloy
- Blackout services according to MIL-military standard specifications
- Protection degree IP68 (0,2 bar)



**MIL-C-26482 CONNECTOR**



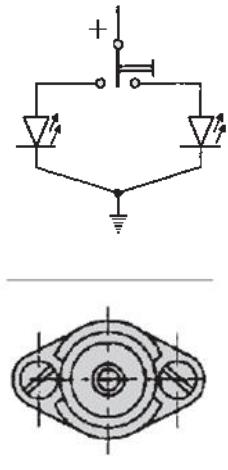
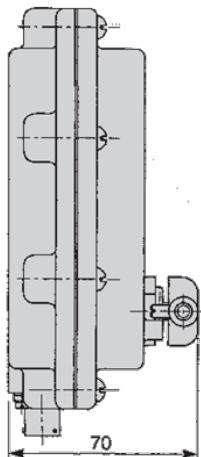
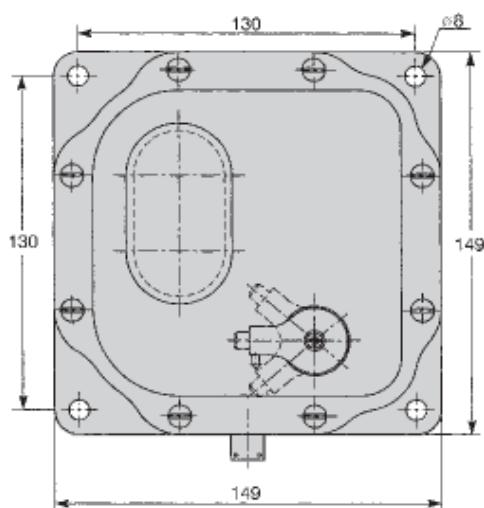
Sachnummer Part Number			Volt	Connector Stecker	
<b>PMB0011000</b>	white/weiß	red /rot	24V	D – 38999- 20WA98PN	White Ral 1013 / Weiß Ral 1013
<b>PMB0455000</b>	white/weiß	blue/blau	24V	VG95328C 8 - 3A PN	White Ral 1013 / Weiß Ral 1013
<b>PMB0456000</b>	white/weiß	green/grün	24V	VG95328C 8 - 3A PN	White Ral 1013 / Weiß Ral 1013
<b>PMB0641000</b>	white/weiß	red/rot	24V	VG95328C 8 - 3A PN	White Ral 1013 / Weiß Ral 1013

# Innenbeleuchtung mit Tarnfunktion Roof lamp with black out light



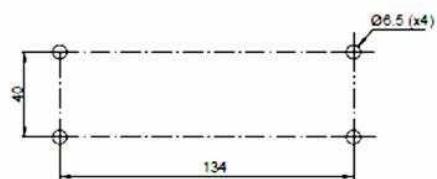
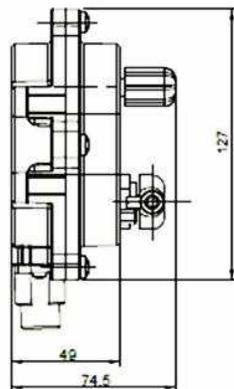
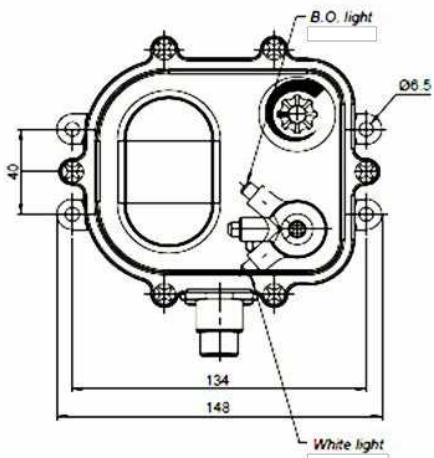
- Gehäuse aus Aluminium
- Tarnlichtmodus nach MIL-Standard Spezifikationen
- Schutzklasse IP68 (0,2 bar)

- Housing and frame in treated/painted aluminium alloy
- Blackout services according to MIL-military standard specifications
- Protection degree IP68 (0,2 bar)

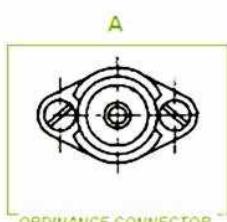


Sachnummer Part Number			Volt	Connector Stecker	
PMB0570000	white/weiß	red/rot	24V	Ordinance / Anordnung	White Ral 1013 / Weiß Ral 1013
PMB0571000	white/weiß	blue/blau	24V	Ordinance / Anordnung	White Ral 1013 / Weiß Ral 1013
PMB0572000	white/weiß	green/grün	24V	Ordinance / Anordnung	White Ral 1013 / Weiß Ral 1013

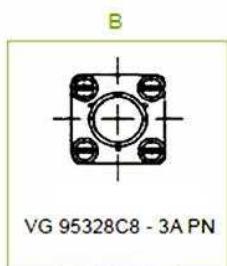
# Innenbeleuchtung mit Tarnfunktion Roof lamp with black out light



Wiring diagram

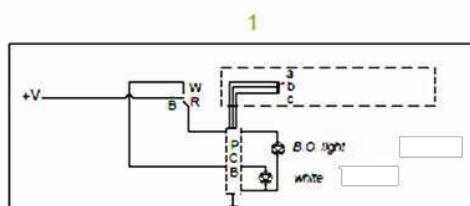


**PM00528000**

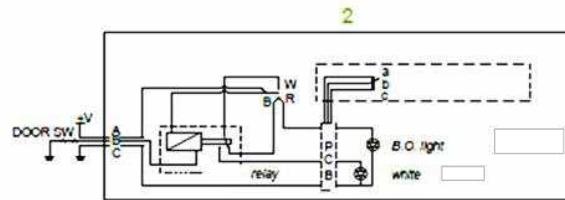


**VG 95328C8 - 3A PN**

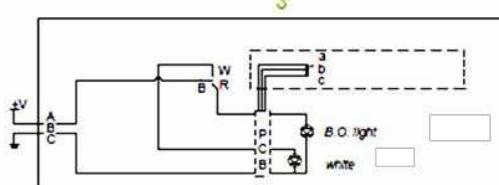
**CONNECTOR**



1



2



3



Sachnummer Part Number			Volt Ampere	Dimmer	Connector Stecker	Wiring Diagram Schaltplan	
PMB1085000	White Weiß	Red Rot	24V-28V 200 mA max	X	A	1	White / Weiß
PMB1066000	White Weiß	Red Rot	24V-28V 200 mA max	X	B	2	White / Weiß
PMB1315000	White Weiß	Red Rot	24V-28V 200 mA max	X	B	3	White / Weiß
PMB1316000	White Weiß	Red Rot	24V-28V 200 mA max		A	1	White / Weiß
PMB1317000	White Weiß	Red Rot	24V-28V 200 mA max		B	2	White / Weiß
PMB1318000	White Weiß	Red Rot	24V-28V 200 mA max		B	3	White / Weiß
PMB1319000	White Weiß	Blue Blau	24V-28V 200 mA max	X	A	1	White / Weiß
PMB1320000	White Weiß	Blue Blau	24V-28V 200 mA max	X	B	2	White / Weiß
PMB1321000	White Weiß	Blue Blau	24V-28V 200 mA max	X	B	3	White / Weiß
PMB1322000	White Weiß	Blue Blau	24V-28V 200 mA max		A	1	White / Weiß
PMB1323000	White Weiß	Blue Blau	24V-28V 200 mA max		B	2	White / Weiß
PMB1324000	White Weiß	Blue Blau	24V-28V 200 mA max		B	3	White / Weiß
PMB1325000	White Weiß	Green Grün	24V-28V 200 mA max	X	A	1	White / Weiß
PMB1326000	White Weiß	Green Grün	24V-28V 200 mA max	X	B	2	White / Weiß
PMB1327000	White Weiß	Green Grün	24V-28V 200 mA max	X	B	3	White / Weiß
PMB1328000	White Weiß	Green Grün	24V-28V 200 mA max		A	1	White / Weiß
PMB1329000	White Weiß	Green Grün	24V-28V 200 mA max		B	2	White / Weiß
PMB1330000	White Weiß	Green Grün	24V-28V 200 mA max		B	3	White / Weiß

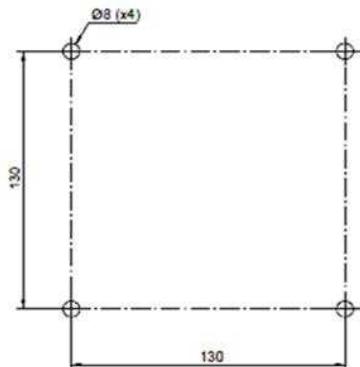
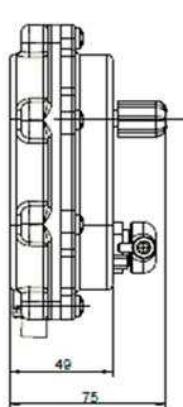
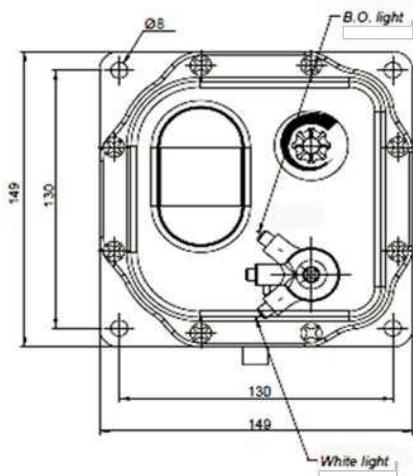
# Innenbeleuchtung mit Tarnfunktion

## Roof lamp with black out light



- Gehäuse aus Aluminium
- Tarnlichtmodus nach MIL-Standard Spezifikationen
- Schutzklasse IP68 (0,2 bar)

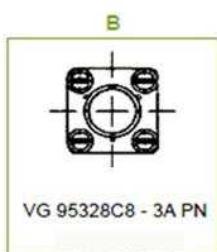
- Housing and frame in treated/painted aluminium alloy
- Blackout services according to MIL-military standard specifications
- Protection degree IP68 (0,2 bar)



Wiring diagram

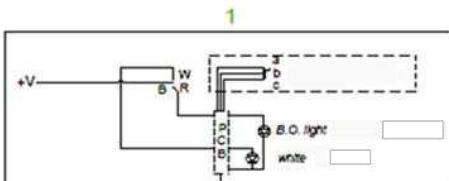


PM00528000

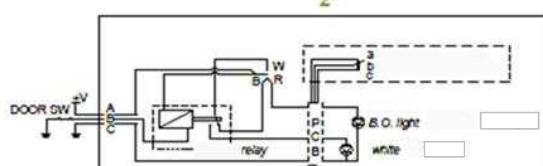


VG 95328C8 - 3A PN

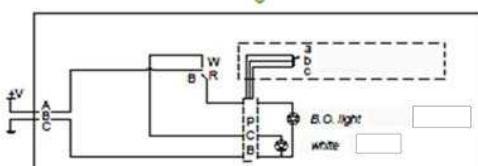
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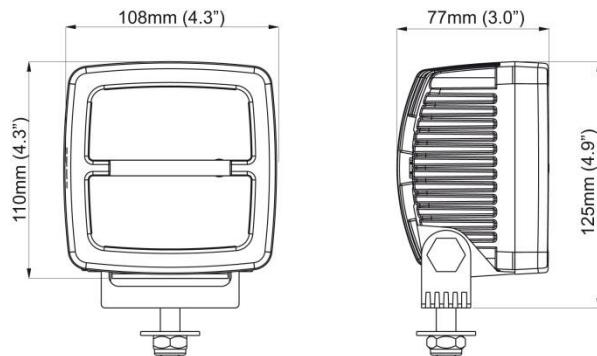


# Innenbeleuchtung mit Tarnfunktion

## Roof lamp with black out light



Sachnummer Part Number			Volt Ampere	Dimmer	Connector Stecker	Wiring Diagram Schaltplan	
PMB1331000	White Weiß	Red Rot	24V-28V 200 mA max.	X	A	1	White / Weiß
PMB1332000	White Weiß	Red Rot	24V-28V 200 mA max.	X	B	2	White / Weiß
PMB1333000	White Weiß	Red Rot	24V-28V 200 mA max.	X	B	3	White / Weiß
PMB1334000	White Weiß	Red Rot	24V-28V 200 mA max.		A	1	White / Weiß
PMB1335000	White Weiß	Red Rot	24V-28V 200 mA max.		B	2	White / Weiß
PMB1336000	White Weiß	Red Rot	24V-28V 200 mA max.		B	3	White / Weiß
PMB1337000	White Weiß	Blue Blau	24V-28V 200 mA max.	X	A	1	White / Weiß
PMB1035000	White Weiß	Blue Blau	24V-28V 200 mA max.	X	B	2	White / Weiß
PMB1338000	White Weiß	Blue Blau	24V-28V 200 mA max.	X	B	3	White / Weiß
PMB1339000	White Weiß	Blue Blau	24V-28V 200 mA max.		A	1	White / Weiß
PMB1340000	White Weiß	Blue Blau	24V-28V 200 mA max.		B	2	White / Weiß
PMB1341000	White Weiß	Blue Blau	24V-28V 200 mA max.		B	3	White / Weiß
PMB1342000	White Weiß	Green Grün	24V-28V 200 mA max.	X	A	1	White / Weiß
PMB1343000	White Weiß	Green Grün	24V-28V 200 mA max.	X	B	2	White / Weiß
PMB1344000	White Weiß	Green Grün	24V-28V 200 mA max.	X	B	3	White / Weiß
PMB1345000	White Weiß	Green Grün	24V-28V 200 mA max.		A	1	White / Weiß
PMB1346000	White Weiß	Green Grün	24V-28V 200 mA max.		B	2	White / Weiß
PMB1347000	White Weiß	Green Grün	24V-28V 200 mA max.		B	3	White / Weiß



- 12-24V
- Gehäuse aus Aluminium
- Schutzklasse IP68/IP6K9K, SAEJ1455
- Temperaturbereich -40°C bis +85°C

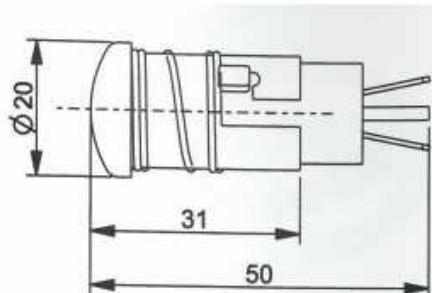
- 12-24V
- Housing made of alluminium
- Protection degree IP68/IP6K9K, SAEJ1455
- Temperature range: -40°C to +85°C

		<b>PA2044</b>	<b>PA4044</b>	<b>PA6044</b>	<b>PA24</b>
Theoret. Lichtausbeute	Theoret. Lumens Output	5900lm	4200lm	3400lm	2200lm
Lichtausbeute im Betrieb	Operating Lumens Output	3700lm	2600lm	2100lm	1350lm
Farbtemperatur	Color temperature	6000K	5700K	5700K	5700K
Nominale Spannung DC	Nominal Voltage DC	12-24V	12-24V	12-24V	12-24V
Eingangsspannung DC	Input Voltage DC	9-32V	9-32V	9-32V	9-32V
Stromaufnahme	Power Consumption	50W	55W	35W	25W
Nominaler Strom 12V	Nominal Current 12V	4,2A	4,6A	3,0A	2,0A
Nominaler Strom 24V	Nominal Current 24V	2,1A	2,3A	1,5A	1,0A
Schlag- und Stoßfestigkeit	Shock	60G			
Vibration	Vibration	15,3Grms 24-2000Hz			
Gewicht	Weight	ca. 1,1kg			
Schutzart	IP rating	IP68 / IP6K9K / SAEJ1455			
Salznebel	Salt mist	ISO9227 240h			
EMV	EMC	ISO13766 / ISO14982 / ISO 7637-2 / CISPR25 Class 3			
Maße	Dimensions	je nach Type / Richtwerte s. oben according to special type / approx. dimensions see above			



**ITEM: Leuchte, Anzeiger/Signal Lamp**

NSN: 6210-12-143-0192



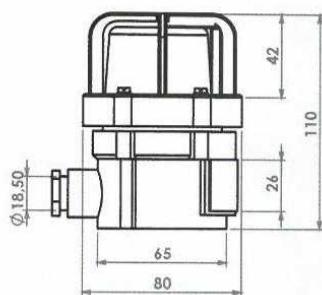
P/N: PA-01-4300309

24VDC – Orange Lampenfassung/Orange Lampholder



**ITEM: hintere Bremsleuchte/Rear Stop Light**

NSN: 6220-01-064-4165



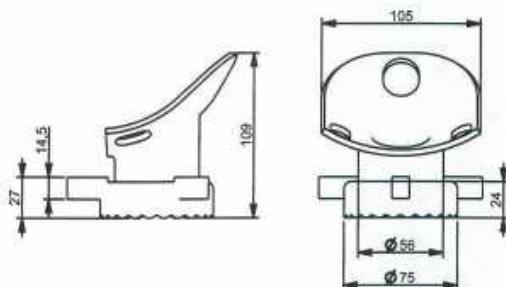
P/N: PA-01-4200409

28VDC



**ITEM: Anschlussstück/Adapter**

NSN: 6220-12-139-8225

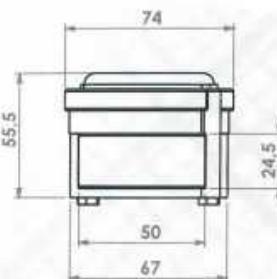


P/N: PA-01-4200509



**ITEM: Begrenzungsleuchte/Marker Lamp**

NSN: 6220-12-141-1131



P/N: PA-01-4200111

28VDC

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Icons / Symbole	Description / Beschreibung
RH	Right – Rechts
LH	Left – Links
RLX	Reflex Reflector - Rückleuchte
LT	License Plate Lamp - Kennzeichenbeleuchtung
L	Length – Länge
STOP	Stop
	Black out stop – Tarn Stop
	Low beams - Abblendlicht
	Headlamp – Scheinwerfer
	Black out lamp – Tarnlampe
	Infrared lamp – Infrarot Lampe
	Position
	Rear position – Hintere Position
	Front position – Vordere Position
	Black out position Tarn Position
	Direction - Richtung

Icons / Symbole	Description / Beschreibung
	Horn – Hupe
	Fog Light - Nebellicht
	Rear fog light Nebelschlussleuchte
	Reversing light Rückfahrlicht
	Roof Lamp Dachlampe
	Black out roof lamp Tarn-Dachlampe
	Painting - Lackierung
	Grid – Gitter
	Right driving Rechtsfahrer
	Left driving Linksfahrer
	Bulb – Birne
	Ground – Masse
	With Connector Mit Stecker

### Leistungsrelais Power-Relays



### MIL-Steckverbinder MIL-Connectors

### MIL-Beleuchtung MIL-Lightning



### Kabel-, Schlauch- und Komponentenbeschriftung Cable-, Tube and Components Marking



### Schrumpfschläuche nach UL-zertifiziert UL-certified Heat Shrinking Tubes



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