

LED Reflector Holder round with 3 mm and 5 mm LED



Weblinks

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All Variants

Description	Order Number
LFM	0035.4104

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LFM (mit 5mm LED) IP 67
LFM (with T1 3/4 LED) IP 67

Ausführungen Models	Abmessungen Dimensions	Frontplattenbohrung Frontpanel drilling
Innenreflektor Internal reflector mit Vorwiderstand with built-in resistor ohne Vorwiderstand without built-in resistor	Technical drawing showing two views of the internal reflector. The top view shows a cylindrical component with a diameter of $\phi 10$. The bottom view shows a side profile with dimensions: max. 6, 2, - Pol, 1,4, M8x0,75, 4, 9,4, 27,4, max. 32.	Diagram showing the front panel drilling pattern for the internal reflector, indicating a central hole and a square mounting area with a width of 8,4.
Außenreflektor Outside reflector mit Vorwiderstand with built-in resistor	Technical drawing showing two views of the outside reflector. The top view shows a cylindrical component with a diameter of $\phi 10$. The bottom view shows a side profile with dimensions: max. 6, 2, - Pol, 1,4, M8x0,75, 4, 9,4, 26,4, max. 32.	Diagram showing the front panel drilling pattern for the outside reflector, indicating a central hole and a square mounting area with a width of 8,4.

Technische Daten / Technical data

1. Elektrische Kennwerte / Electrical data

Stromaufnahme / Current input 10 mA mit Vorwiderstand / With built-in resistor

Technische Daten der LED 0925.0059/60/61 siehe S.100/101 / Technical data LED 0925.0059/60/61 see p.100/101

2. Sonstige Kennwerte / Other data

Lötbarkeit / Solderability	max. 2s 235 °C (IEC 68 2-20 Test Ta Methode 1)
Lötwärmebeständigkeit / Soldering heat resistance	max. 5s 350 °C (IEC 68 2-20 Test Tb Methode 1B)
Umgebungstemperatur / Ambient temperature	-25°C ... +55°C
Lagertemperatur / Storage temperature	-55°C ... +100°C
Schutzklasse / Degree of protection	IP 67

3. Werkstoffe / Materials

Gehäuse / Body	Messing verchromt / Brass chromium-plated
Lötanschlüsse / Solder Terminals	Kupfer verzinkt / Copper tinned
Mutter / Nut	Messing vernickelt / Brass nickel-plated
Dichtung / Sealing	Nitril Kautschuk / Nitril rubber

4. Montageart / Mounting type

Frontplattenmontage mit Lötanschlüssen / Frontpanel mounting with solder terminals

Innenreflektor LFM (mit 5mm LED) IP 67 Internal reflector LFM (with T13/4 LED) IP 67

Ausführungen Models	Varianten Variations	gewünschte Farbe ankreuzen select your colour			Artikelnummer Part Number
mit Vorwiderstand with built-in resistor 	Gehäuse verchromt Body chrome plated 24V	Farbe der LED Colour of LED			
					rot red ☐ 0035.0607
					grün green ☐ 0035.0608
					gelb yellow ☐ 0035.0609
ohne Vorwiderstand without built-in resistor 	Gehäuse schwarz matt Body black dull	Farbe der LED Colour of LED			rot red ☐ 0035.0726
					grün green ☐ 0035.0727
					gelb yellow ☐ 0035.0728
Zubehör Accessories	Federscheibe Spring lock washer				☐ 0638.1004

Außenreflektor LFM (mit 5mm LED) IP 67 Outside reflector LFM (with T1 3/4 LED) IP 67

Ausführungen Models	Varianten Variations	gewünschte Farbe ankreuzen select your colour			Artikelnummer Part Number
mit Vorwiderstand with built-in resistor 	Gehäuse schwarz matt Body black dull	12V	Farbe der LED Colour of LED rot red☐ grün green☐ gelb yellow☐	0035.0664	
		24V		0035.0665	
				0035.0666	
				0035.0667	
				0035.0668	
		0035.0669			
Zubehör Accessories			Federscheibe Spring lock washer	☐	0638.1004

LFM (mit 5mm LED) IP 67

LFM (with T1 3/4 LED) IP 67

New specification from 1.7.2011*

TECHNICAL DATA LEDs

1. Maximum Ratings	LED old	LED new*	LED old	LED new*	LED old	LED new*
Internal part number	0925.9730		0925.9731		0925.9732	
Light colour	red	red	green	green	yellow	yellow
Forward current DC $I_{F, max.}$ [mA]	40	30	40	30	40	30
Power dissipation $P_{tot, max.}$ [mW]	130	100	130	100	130	100
2. Characteristics (typ. At $T_a=25^\circ\text{C}$)						
Forward Voltage U_F at $I_F=10\text{mA}$, U_F typ. [V]	2.0 (<2.6)	2 at 20mA	2.0 (<2.6)	2.4 at 20mA	2.0 (<2.6)	2.4 at 20mA
Luminous intensity I_v at $I_F=10\text{mA}$, I_v typ. [mcd]	11.2 - 28	6.3 to...	18 - 45	6.3 to...	11.2 - 28	6.3 to...
Viewing angle α typ. [degree]	50	60	50	60	50	60
Peak wave length λ_p typ. [nm]	635	635	565	565	586	585
Reverse voltage U_R typ. [V]	5	6	5	6	5	6