

IP 20

Skala Energieeffizienzklasse A++ - E

Spannung: Schutzart:









nach DIN EN 60598/VDE 0711

# **Produktbeschreibung**

Reflektor, hochglänzend, aus Reinaluminium. Ausstrahlwinkel Spot-Reflektor 16°.

Ausführung: LED-Strahler in modernem Design für Stromschienenmontage. Konisches Reflektorgehäuse Ø 100 mm aus Aluminiumdruckguss mit innen liegenden Kühlrippen für wartungsfreie Passivkühlung. Reflektorgehäuse über Dreh-/Kipp Gelenk mit dem Gerätegehäuse aus Aluminiumdruckguss mit integriertem LED-Treiber verbunden. Oberflächen in weiß (ähnlich RAL 9016), bzw. schwarz (FSW; ähnlich RAL 9005) pulverbeschichtet.

Reflektor, hochglänzend, aus Reinaluminium. Schutzglas klar generell eingebaut. Abschlussring des Reflektorgehäuses aus Kunststoff. Reflektorgehäuse um 350° dreh- und 90° schwenkbar. COB-LED-Modul eingebaut.

Eine Rahmenblende aus Aluminiumdruckguss, befestigt über eine Magnetverbindung sorgt für einen nahtlosen Übergang zwischen Stromschiene und Gerätegehäuse.

Farbwiedergabeindex Ra >= 80 bzw. Ra >= 90, Farbtemperatur 3000 Kelvin (830), 4000 Kelvin (840) bzw. 3000 Kelvin (930).

Schutzart IP20, Schutzklasse I.

Farbwiedergabeindex Ra >= 80, Farbtemperatur 3000 Kelvin (830)

#### Elektrische Ausführungen:

• dim. Konv. DALI: Elektronischer DALI-Konverter für LED. 220-240 Volt, 0/50-60 Hz und 3-Phasen Stromschienenadapter mit Phasenwahl + DALI.

Montage: Montage über 3-Phasen-Adapter an Stromschiene.

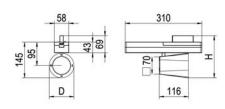
### inkl. Leuchtmittel LED-M

### **Produktbild**



# **Technische Daten / Abmessungen**

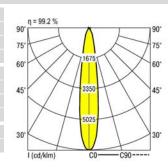
Maße [mm]	
L	310
Н	171
D	100
Bestückung	1xLED-M 31 W
Gewicht [kg]	1,3



Anzahl Betriebsgeräte	1
Anzahl Betriebsg. an LS B 16A	34
Nennlebensdauer-LED	L80B50
Betriebsdauer [h]	50.000
Umgebungstemp. tq [°C]	25

### **Lichttechnische Daten**

Phi_u [%]	100.0
Phi_o [%]	0.0
LITG/DIN	A 80
UTE	0.99A
Leuchtenlichtstrom [lm]	3621
Leuchtenleistung [W]	34
Leuchteneffizienz [lm/W]	106
Farborttoleranz (initial)	< 3 SDCM
Farbtemperatur [K]	3000
Farbwiedergabeindex Ra	>= 80



50			50	30	70	70	50	50	30
	30	50	30	30	50	30	50	30	30
20	20	20	20	20	20	20	20	20	20
Blickr	Blickrichtung quer				Blickrichtung parallel				
10.3	10.8	10.5	11.0	11.1	10.4	10.9	10.6	11.1	11.2
10.3	10.8	10.6	11.0	11.1	10.4	10.9	10.7	11.1	11.3
10.3	10.7	10.6	10.9	11.1	10.4	10.8	10.7	11.0	11.2
10.3	10.6	10.5	10.9	11.1	10.4	10.7	10.7	11.0	11.2
10.2	10.6	10.5	10.8	11.1	10.3	10.7	10.6	11.0	11.2
10.2	10.5	10.5	10.8	11.1	10.3	10.7	10.6	10.9	11.2
10.3	10.7	10.6	10.9	11.1	10.4	10.8	10.7	11.0	11.2
10.3	10.6	10.6	10.9	11.2	10.4	10.7	10.7	11.0	11.3
10.3	10.6	10.6	10.9	11.2	10.4	10.7	10.7	11.0	11.3
10.2	10.5	10.6	10.8	11.2	10.3	10.6	10.7	10.9	11.3
10.2	10.4	10.6	10.8	11.2	10.3	10.6	10.7	10.9	11.3
10.1	10.4	10.6	10.8	11.2	10.3	10.5	10.7	10.9	11.3
10.1	10.4	10.5	10.8	11.1	10.3	10.5	10.7	10.9	11.2
10.1	10.3	10.6	10.7	11.2	10.2	10.4	10.7	10.8	11.3
10.1	10.3	10.5	10.7	11.2	10.2	10.4	10.6	10.8	11.3
10.0	10.2	10.5	10.7	11.1	10.1	10.3	10.6	10.7	11.2
10.1	10.3	10.5	10.7	11.1	10.2	10.4	10.6	10.8	11.2
10.1	10.3	10.5	10.7	11.1	10.2	10.4	10.6	10.8	11.2
10.0	10.2	10.5	10.7	11.1	10.1	10.3	10.6	10.8	11.2
	10.3 10.3 10.3 10.2 10.2 10.2 10.3 10.3 10.3 10.3 10.3 10.2 10.2 10.1 10.1 10.1 10.1 10.1 10.0	10.3 10.8 10.3 10.8 10.3 10.7 10.3 10.6 10.2 10.6 10.2 10.5 10.3 10.6 10.3 10.6 10.3 10.6 10.2 10.5 10.2 10.5 10.1 10.4 10.1 10.4 10.1 10.4 10.1 10.3 10.0 10.2	10.3 10.8 10.5 10.3 10.8 10.6 10.3 10.7 10.6 10.3 10.6 10.5 10.2 10.6 10.5 10.2 10.5 10.5 10.2 10.5 10.5 10.3 10.6 10.6 10.3 10.6 10.6 10.3 10.6 10.6 10.2 10.5 10.6 10.2 10.5 10.6 10.1 10.4 10.6 10.1 10.4 10.6 10.1 10.4 10.5 10.1 10.3 10.5	10.3 10.8 10.5 11.0 10.3 10.8 10.6 11.0 10.3 10.7 10.6 10.9 10.3 10.6 10.5 10.8 10.2 10.6 10.5 10.8 10.2 10.5 10.5 10.8 10.3 10.7 10.6 10.9 10.3 10.6 10.6 10.9 10.3 10.6 10.6 10.9 10.3 10.6 10.6 10.9 10.2 10.5 10.6 10.8 10.2 10.4 10.6 10.8 10.1 10.4 10.6 10.8 10.1 10.4 10.5 10.8 10.1 10.3 10.5 10.7 10.1 10.3 10.5 10.7	10.3 10.8 10.5 11.0 11.1 10.3 10.8 10.6 11.0 11.1 11.3 10.8 10.6 11.0 11.1 11.3 10.3 10.7 10.6 10.9 11.1 10.2 10.6 10.5 10.8 11.1 10.2 10.5 10.5 10.8 11.1 10.2 10.5 10.5 10.8 11.1 10.2 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10.8 11.2 10.3 10.1 10.4 10.5 10.8 11.2 10.3 10.1 10.4 10.5 10.8 11.1 10.3 10.1 10.3 10.5 10.7 11.2 10.2 10.1 10.3 10.5 10.7 11.2 10.2 10.1 10.3 10.5 10.7 11.1 10.1 10.1 10.3 10.5 10.7 11.1 10.1 10.1 10.3 10.5 10.7 11.1 10.1 10.1 10.3 10.5 10.7 11.1 10.1 10.1 10.3 10.5 10.7 11.1 10.2 10.1 10.3 10.5 10.7 11.1 10.2 10.1 10.3 10.5 10.7 11.1 10.2 10.0 10.2 10.5 10.7 11.1 10.2 10.0 10.2 10.5 10.7 11.1 10.2 10.0 10.2 10.5 10.7 11.1 10.1	10.3 10.8 10.5 11.0 11.1 10.4 10.9 10.3 10.8 10.6 11.0 11.1 10.4 10.9 10.3 10.7 10.6 10.9 11.1 10.4 10.7 10.2 10.6 10.5 10.8 11.1 10.3 10.7 10.6 10.5 10.8 11.1 10.3 10.7 10.2 10.5 10.8 11.1 10.3 10.7 10.2 10.5 10.5 10.8 11.1 10.3 10.7 10.2 10.5 10.6 10.9 11.2 10.4 10.7 10.3 10.6 10.6 10.9 11.2 10.4 10.7 10.3 10.6 10.6 10.9 11.2 10.4 10.7 10.3 10.6 10.6 10.8 11.2 10.3 10.6 10.2 10.4 10.6 10.8 11.2 10.3 10.6 10.2 10.4 10.6 10.8 11.2 10.3 10.5 10.5 10.6 10.8 11.2 10.3 10.5 10.1 10.4 10.8 11.2 10.3 10.5 10.1 10.4 10.8 11.2 10.3 10.5 10.1 10.4 10.5 10.8 11.2 10.3 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10.6 10.8 11.2 10.3 10.6 10.7 10.2 10.4 10.6 10.8 11.2 10.3 10.6 10.7 10.1 10.1 10.4 10.6 10.8 11.2 10.3 10.5 10.7 10.1 10.1 10.3 10.5 10.7 10.1 10.3 10.5 10.7 10.1 10.3 10.5 10.7 11.1 10.3 10.5 10.7 10.1 10.3 10.5 10.7 11.2 10.2 10.4 10.6 10.8 11.2 10.3 10.5 10.7 10.1 10.3 10.5 10.7 11.2 10.2 10.4 10.6 10.0 10.2 10.5 10.7 11.1 10.1 10.3 10.5 10.7 11.1 10.3 10.5 10.7 11.1 10.3 10.5 10.7 11.1 10.3 10.5 10.7 11.1 10.3 10.5 10.7 11.1 10.3 10.5 10.7 11.1 10.3 10.5 10.7 11.1 10.3 10.5 10.7 11.1 10.2 10.4 10.6 10.1 10.3 10.5 10.7 11.1 10.2 10.4 10.6 10.1 10.3 10.5 10.7 11.1 10.2 10.4 10.6 10.1 10.3 10.5 10.7 11.1 10.2 10.4 10.6 10.1 10.3 10.5 10.7 11.1 10.2 10.4 10.6 10.1 10.3 10.5 10.7 11.1 10.2 10.4 10.6 10.1 10.3 10.5 10.7 11.1 10.1 10.3 10.5 10.7 11.1 10.1 10.3 10.6 10.7 11.1 10.1 10.3 10.6 10.7 11.1 10.1 10.3 10.6 10.7 11.1 10.1 10.3 10.6 10.7 11.1 10.1 10.3 10.6 10.7 11.1 10.1 10.3 10.6 10.7 11.1 10.1 10.3 10.6 10.7 11.1 10.1 10.3 10.6 10.7 11.1 10.1 10.3 10.6 10.7 11.1 10.1 10.3 10.6 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11.2 10.4 10.7 10.7 11.0 10.3 10.6 10.6 10.9 11.2 10.4 10.7 10.7 11.0 10.2 10.5 10.6 10.8 11.2 10.3 10.6 10.7 10.9 10.2 10.5 10.6 10.8 11.2 10.3 10.6 10.7 10.9 10.2 10.4 10.6 10.8 11.2 10.3 10.6 10.7 10.9 10.1 10.4 10.6 10.8 11.2 10.3 10.5 10.7 10.9 10.1 10.4 10.5 10.8 11.1 10.3 10.5 10.7 10.9 10.1 10.3 10.5 10.7 10.9 10.1 10.3 10.5 10.7 11.2 10.2 10.4 10.6 10.8 10.1 10.3 10.5 10.7 10.9 10.1 10.3 10.5 10.7 11.1 10.3 10.5 10.7 10.9 10.1 10.3 10.5 10.7 11.1 10.1 10.3 10.5 10.7 10.7 10.1 10.1 10.3 10.5 10.7 11.1 10.1 10.3 10.6 10.7 10.7 10.1 10.1 10.3 10.5 10.7 11.1 10.1 10.3 10.6 10.7 10.7 10.1 10.1 10.3 10.5 10.7 11.1 10.1 10.3 10.6 10.8 10.7 11.1 10.1 10.3 10.6 10.8 10.7 11.1 10.1 10.3 10.5 10.7 11.1 10.1 10.3 10.6 10.8 10.7 11.1 10.2 10.4 10.6 10.8 10.1 10.3 10.5 10.7 11.1 10.1 10.3 10.6 10.8 10.1 10.3 10.5 10.7 11.1 10.1 10.3 10.6 10.8 10.1 10.3 10.5 10.7 11.1 10.1 10.3 10.6 10.8 10.1 10.3 10.5 10.7 11.1 10.1 10.3 10.6 10.8 10.1 10.3 10.5 10.7 11.1 10.1 10.3 10.6 10.8 10.9 10.9 10.9 10.9 10.9 10.9 10.9 10.9