



Lineare Elemente | 220-240 V | 9 x powerLEDs 18.3 W DC - 20.5 W AC | CRI 80  
**81598W15**

Single emission lines for outdoor application. The warm white LED light source with a spot light distribution is composed of 9 powered LEDs with CCT of 3000 K and a CRI 80; the source luminous flux is 2718 lm, with a 148.5 lm/W nominal luminous efficacy.

The device body is made of aluminium 6060 and features a anodised black finish, processed by means of 15 µm anodizing; the diffuser is made of extra clear glass - tempered with a silk-screening treatment. The ingress protection degree is IP67; the total weight is of 2.8 kg.

The total absorbed power is 20.5 W. The power supply cable is included and features a 0.2 m length.

The device features protection class I and can be wall lights or floor-mounted with an outer casing, code 98672(for concrete or masonry).

Compliant with the EN 60598-1 standard and its specific provisions.

### Energieeffizienzklasse

Dieses Produkt enthält 2 Lichtquellen der Energieeffizienzklasse D.

### Illuminotechnical Eigenschaften

Light Output Ratio (LOR)	57 %
Lichtstrom (Lichtquelle)	2718 lm
Leuchten Lichtstrom	1572 lm
Consumption	20.5 W
Leuchten Lichtausbeute	76 lm/W
Farbtemperatur	3000 K
Standard Deviation of Colour Matching	1.5 Step
Farbwiedergabeindex	80 Ra

Standardumgebungstemperatur	-20 / +50°C
Typische Temperatur am Glas	40°C

### LED Life / Failure Ratio

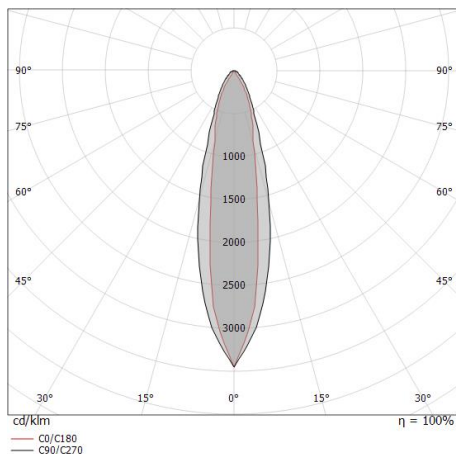
L70 B10 C0 361980h (at Tj 60 Ta 25 )

### UGR

UGR axial	19.4
UGR transversal	9.5
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

### OPTICAL

Optik C90/C270	28°
Optik C0/C180	18°
Light distribution simmetry	Symmetrical 2 assis



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.25 0.16	E(0°) 21691 E(C90) 9922 E(C0) 10510
1.0	0.49 0.32	E(0°) 5423 E(C90) 2481 E(C0) 2627
1.5	0.74 0.49	E(0°) 2410 E(C90) 1102 E(C0) 1168
2.0	0.99 0.65	E(0°) 1356 E(C90) 620 E(C0) 657
2.5	1.24 0.81	E(0°) 868 E(C90) 397 E(C0) 420
3.0	1.48 0.97	E(0°) 603 E(C90) 276 E(C0) 292

— C0/C180 (Half-peak divergence: 18.4°)  
 — C90/C270 (Half-peak divergence: 27.8°)



		<p>Einbaugehäuse                      installationsposition: wand, boden; typ installation: mauerwerk L=546mm, H=138.3mm,                      D=100.2mm.                      Material:Eisen, farbe:Zink, bearbeitungstyp :Verzinken.</p>	<p><b>Finish</b>                      Grey</p>	<p><b>Code</b>                      98672</p>
		<p>Kabel und Stecker                      Länge 5000 mm.</p>		<p><b>Code</b>                      99822</p>
		<p>Kabel und Stecker                      Länge 1000 mm.</p>		<p><b>Code</b>                      99823</p>
		<p>Kabel und Stecker                      Länge 5000 mm.</p>		<p><b>Code</b>                      99824</p>
		<p>Kabel und Stecker                      Länge 10000 mm.</p>		<p><b>Code</b>                      99825</p>
		<p>Kabel und Stecker                      Länge 1000 mm.</p>		<p><b>Code</b>                      99826</p>