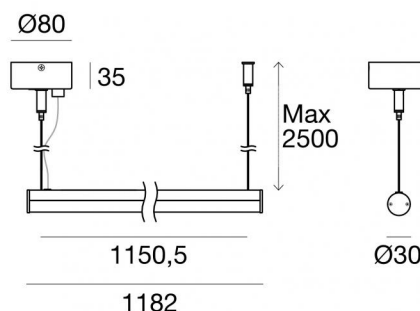
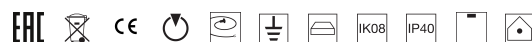


| CRI 80
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Technische Daten	
Typ	Oberfläche
Installationsposition	Decke
Installationsumgebung	Indoor
Lichtquelle	LED
Circuit structure	topLED
Optik	Extra Wide Flood
Light emission direction	external
Lampe Nennleistung	20 W DC
Gesamtleistung	22 W
Lichtstrom (Lichtquelle)	2923 lm
Nominale Eingangsspannung	220 - 240 V AC
Eingangsspannungsbereich	90 - 264 V AC
Frequency	50 - 60 Hz
Ähnlichste Farbtemperatur / Tone	4000 K
Farbwiedergabeindex	80 Ra
Gleichstrom/Gleichspannung	AC
Isolierklasse	1
IP	IP40
IK	IK08
Glühdrahtprüfung	850°
Direkte Montage auf normal entflammaren Oberflächen	Ja
CE	Ja
Einschließlich Driver	Driver
Leuchte dimmbar	Nein
Schwenkbarkeit	Nein
Drehbarkeit	Nein
Begehbarkeit	Nein
Überrollbarkeit	Nein
Einschließlich Kabel	Ja
Kabellänge	2.5 m
Harzbeschichtung	Nein
Typ Lichtabstrahlung	Einflammig
Nettogewicht	0.89 Kg
Schutz vor elektrostatischen Entladungen	30 KV
Schutz vor Stoßspannungen	Nein

Oberfläche Oberfläche Gehäuse	
Material	Aluminium
Farbe	Anodised aluminium
Bearbeitungstyp	Eloxierung
Oberfläche Oberfläche diffusor	
Material	UV beständiges Polycarbonat
Farbe	Gekräuselt
Cables Electrification+suspension	
Max. Kabellänge	2500 mm

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Single emission pendant luminaires for indoor application. The natural white LED light source with a extra wide flood light distribution is composed of 84 toped LEDs with CCT of 4000 K and a CRI 80; the source luminous flux is 2923 lm, with a 146.2 lm/W nominal luminous efficacy.

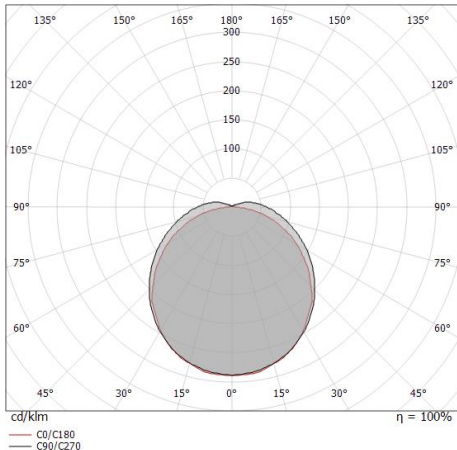
The device body is made of aluminium and features a anodised aluminium finish, processed by means of anodisation; the diffuser is made of uv resistant polycarbonate. Surface treatment of the product body with chemical conversion of aluminum, designed to ensure maximum long?term resistance.

The ingress protection degree is IP40; the total weight is of 0.89 kg.

The total absorbed power is 22 W The power supply cable is included and features a 2.5 m length.

The device features protection class I and can be ceiling-mounted.

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



0.5	1.82 1.50	E(0°) E(C90) E(C0)	2924 61.2° 56.3°	164 250
1.0	3.64 3.00	E(0°) E(C90) E(C0)	731 61.2° 56.3°	41 63
1.5	5.46 4.50	E(0°) E(C90) E(C0)	325 61.2° 56.3°	18 28
2.0	7.28 6.00	E(0°) E(C90) E(C0)	183 61.2° 56.3°	10 16
2.5	9.09 7.50	E(0°) E(C90) E(C0)	117 61.2° 56.3°	7 10
3.0	10.91 9.00	E(0°) E(C90) E(C0)	81 61.2° 56.3°	5 7

Distance [m] Cone diameter [m] Illuminance [lx]

— C0/C180 (Half-peak divergence: 112.6°)
— C90/C270 (Half-peak divergence: 122.4°)

Energieeffizienzklasse	
Dieses Produkt enthält 3 Lichtquellen der Energieeffizienzklasse D.	

Illuminotechnical Eigenschaften	
Light Output Ratio (LOR)	86 %
Lichtstrom (Lichtquelle)	2923 lm
Leuchten Lichtstrom	2534 lm
Consumption	22 W
Leuchten Lichtausbeute	115 lm/W
Farbtemperatur	4000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Farbwiedergabeindex	80 Ra
Standardumgebungstemperatur	-20 / +50°C
Typische Temperatur am Glas	35°C

LED Life / Failure Ratio	
L70 B10 C0 494435h (at Tj 65 Ta 25)	
L80 B10 C0 310287h (at Tj 65 Ta 25)	
L90 B10 C0 147856h (at Tj 65 Ta 25)	

UGR	
UGR axial	29.5
UGR transversal	26.8
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL	
Optik C90/C270	122°
Optik C0/C180	113°
Light distribution simmetry	Symmetrical 2 assis