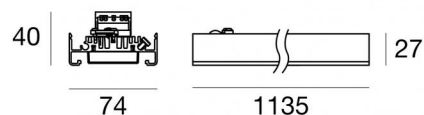
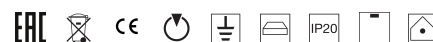


Systeme | 220-240 V | 120 topLED 54 W DC - 60 W AC

Modular | CRI 80

90933N00



Technische Daten	
Installationsposition	Decke
Installationsumgebung	Indoor
Lichtquelle	LED
Circuit structure	topLED
Optik	Diffuses
Light emission direction	downward
Lampe Nennleistung	54 W DC
Gesamtleistung	60 W
Lichtstrom (Lichtquelle)	7522 lm
Nominale Eingangsspannung	220 - 240 V AC
Eingangsspannungsbereich	220 - 240 V AC
Frequency	60 - 50 Hz
Ähnlichste Farbtemperatur / Tone	4000 K
Farbwiedergabeindex	80 Ra
Gleichstrom/Gleichspannung	AC
Isolierklasse	1
IP	IP20
Glühdrahtprüfung	650°
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	Nein
Harzbeschichtung	Nein
Typ Lichtabstrahlung	Einflammig
Nettogewicht	1.800 Kg
Modularity	Modular
Schutz vor elektrostatischen Entladungen	Ja
Schutz vor Stoßspannungen	Nein

Oberfläche Oberfläche Gehäuse

Material	Aluminium
Farbe	Text white RAL9003
Bearbeitungstyp	Lackierung

Oberfläche Oberfläche diffusor

Material	PMMA
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Systeme | 220-240 V | 120 topLED 54 W DC - 60 W AC | Modular | CRI 80
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Single emission systems for indoor application. The natural white LED light source with a diffused light distribution is composed of 120 topLED LEDs with CCT of 4000 K and a CRI 80; the source luminous flux is 7522 lm, with a 139.3 lm/W nominal luminous efficacy.

The device body is made of aluminium and features a text white ral9003 finish, processed by means of coating; the diffuser is made of pmma.

The ingress protection degree is IP20; the total weight is of 1.800 kg.

The total absorbed power is 60 W

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

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

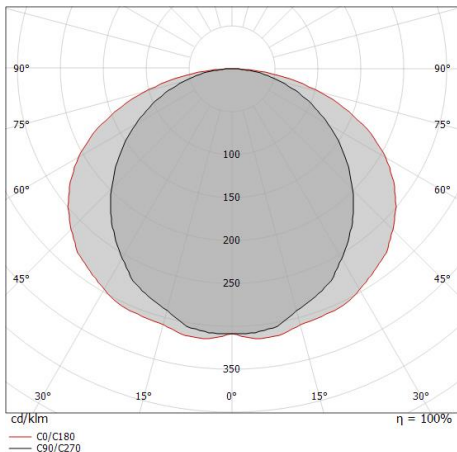
Energieeffizienzklasse
Dieses Produkt enthält 2 Lichtquellen der Energieeffizienzklasse D.

Illuminotechnical Eigenschaften	
Light Output Ratio (LOR)	69 %
Lichtstrom (Lichtquelle)	7522 lm
Leuchten Lichtstrom	5258 lm
Consumption	60 W
Leuchten Lichtausbeute	87 lm/W
Farbtemperatur	4000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Farbwiedergabeindex	80 Ra
Verbindungstemperatur (Leuchte)	80
Standardumgebungstemperatur	-20 / +50°C

LED Life / Failure Ratio
L70 B20 C0 36000h

UGR	
UGR axial	26.7
UGR transversal	29.4
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL	
Optik C90/C270	110°
Optik C0/C180	136°
Light distribution simmetry	Symmetrical 2 assis

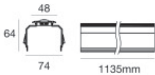
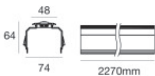
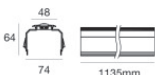
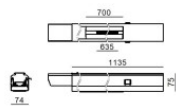


Distance [m]	Cone diameter [m]	Illuminance [lx]
0.5	1.42 2.48	E(0°) 6489 E(C90) 618 E(C0) 175
1.0	2.85 4.95	E(0°) 1622 E(C90) 155 E(C0) 44
1.5	4.27 7.43	E(0°) 721 E(C90) 69 E(C0) 19
2.0	5.69 9.90	E(0°) 406 E(C90) 39 E(C0) 11
2.5	7.11 12.38	E(0°) 260 E(C90) 25 E(C0) 7
3.0	8.54 14.85	E(0°) 180 E(C90) 17 E(C0) 5

— C0/C180 (Half-peak divergence: 136.0°)
— C90/C270 (Half-peak divergence: 109.8°)

Système | 220-240 V | 120 topLED 54 W DC - 60 W AC | Modular | CRI 80
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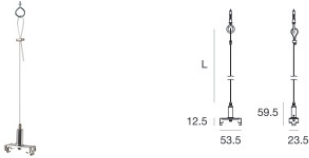
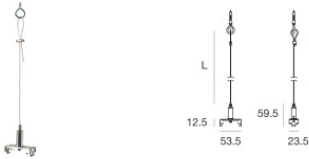
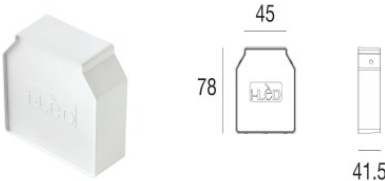
Components

 	Trail Power Module backbone 7 poles ON/OFF DALI - Sistemi	Code <u>90913</u>
 	Trail Power Module backbone 7 poles ON/OFF DALI - Sistemi	Code <u>90917</u>
 	Trail standard backbone 7 poles ON/OFF-DALI	Code <u>90909</u>
 	Trail standard backbone 7 poles ON/OFF-DALI - Sistemi	Code <u>90905</u>
 	Trail Three-phase adapter	Code <u>90952</u>
 	Trail Power module backbone 3 poles ON/OFF	Code <u>90915 - 90911</u>
 	Trail standard backbone 3 poles ON/OFF	Code <u>90903 - 90907</u>
 	Trail Auxiliary power backbone 7 poles ON/OFF	Code <u>90905E</u>

Système | 220-240 V | 120 topLED 54 W DC - 60 W AC | Modular | CRI 80
90933N00

Components

Trail_line 7 poles | Systems | Accessories
90933N00

	Kabel für Aufhängung	Code 90944
	Kabel für Aufhängung	Code 90943
	Klammer L=53mm, H=13mm, D=23mm	Code 90945
	Endkappe Material:Aluminium, farbe:weiß RAL 9003, bearbeitungstyp :Lackierung.	Code 90946
	Profil Material:Aluminium, farbe:Text white RAL9003, bearbeitungstyp :Lackierung.	Code 90950