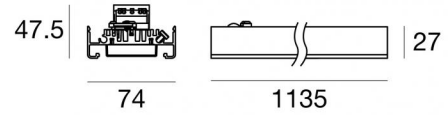


# Trail\_line 7 poles



Systems | 220-240 V | 120 topLED 42 W DC - 45 W AC | Modular | CRI 80  
90927N00



Technical data	
Type	Continuous Line
Installation position	Ceiling
Installation environment	Indoor
Light Source	LED
Circuit structure	topLED
Optics	Diffused
Light emission direction	downward
Nominal power	42 W DC
Total Power	45 W
Source lumens	6186 lm
Nominal input voltage	220 - 240 V AC
Input voltage range	220 - 240 V AC
Frequency	60 - 50 Hz
CCT / Tone	4000 K
Colour rendering index	80 Ra
C.C. / C.V.	AC
Safety class	1
IP	IP20
Glow wire test	650°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
Driver included	Driver
Dimmable article	No
Directional	No
Tilting	No
Walk-over	No
Drive-over	No
Cable included	No
Resin potting	No
Type of light emission	Single emission
Net weight	2.254 Kg
Modularity	Modular
Electrostatic discharge protection	Yes
Surge protection	No

Finishing casing	
Material	Aluminium
Colour	White
Processing	Coating

Finishing diffuser	
Material	PMMA

# Trail\_line 7 poles



Systems | 220-240 V | 120 topLED 42 W DC - 45 W AC | Modular | CRI 80 | Base  
**90927N00**

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 6186 lm, with a 147.3 lm/W nominal luminous efficacy.

The device body is made of aluminium and features a white finish, processed by means of coating; the diffuser is made of pmma. The ingress protection degree is IP20; the total weight is of 2.254 kg.

The total absorbed power is 45 W.

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

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

## Energy efficiency class

This product contains 2 light sources of energy efficiency class D.

## Illuminotechnical Features

Light Output Ratio (LOR)	62 %
Source lumens	6186 lm
Delivered lumens	3887 lm
Consumption	45 W
Luminaire efficacy	86 lm/W
Colour temperature	4000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Colour rendering index	80 Ra
Junction temperature (lighting fixture)	80

Standard Operating Ambient Temperature -20 / +50°C

## LED Life / Failure Ratio

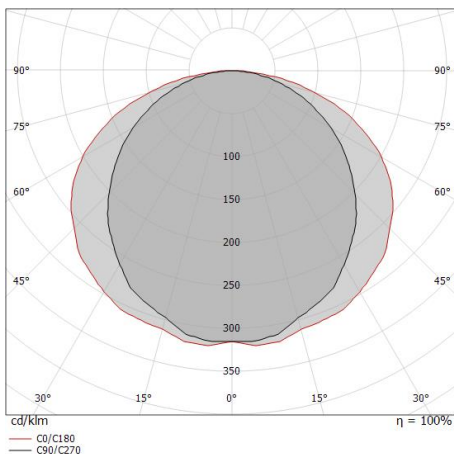
L70 B20 C0 36000h

## UGR

UGR axial	25.7
UGR transversal	28.1
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

## OPTICAL

C90/C270 optics	110°
C0/C180 optics	133°
Light distribution symmetry	Symmetrical 2 axis



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	1.42 2.32	E(0°) 4905 E(C90) 467 E(C0) 155
1.0	2.85 4.64	E(0°) 1226 E(C90) 117 E(C0) 39
1.5	4.27 6.97	E(0°) 545 E(C90) 52 E(C0) 17
2.0	5.69 9.28	E(0°) 307 E(C90) 29 E(C0) 10
2.5	7.11 11.61	E(0°) 196 E(C90) 19 E(C0) 6
3.0	8.54 13.93	E(0°) 136 E(C90) 13 E(C0) 4


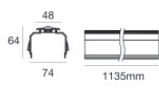

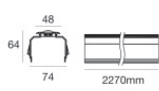

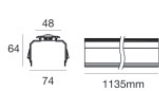

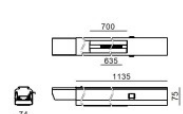

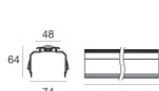

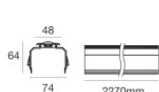

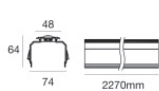

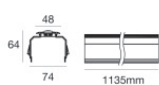
— C0/C180 (Half-peak divergence: 133.4°)  
 — C90/C270 (Half-peak divergence: 109.8°)

# Trail\_line 7 poles



Systems | 220-240 V | 120 topLED 42 W DC - 45 W AC | Modular | CRI 80  
**90927N00**

## Components

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

# Trail\_line 7 poles

---



Systems | 220-240 V | 120 topLED 42 W DC - 45 W AC | Modular | CRI 80  
**90927N00**

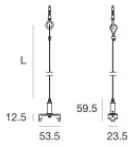
## Components

---

# Trail\_line 7 poles

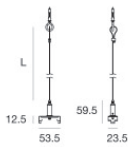


Trail\_line 7 poles | Systems | Accessories  
**90927N00**



Cables for suspension

**Code**  
90944



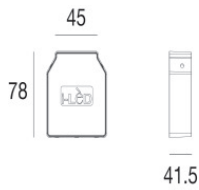
Cables for suspension

**Code**  
90943



Bracket  
L=53mm, H=13mm, D=23mm

**Code**  
90945



Closing cap  
Material:Aluminium, colour:White RAL 9003, processing:Coating.

**Code**  
90946



Profile  
Material:Aluminium, colour:White, processing:Coating.

**Code**  
90950