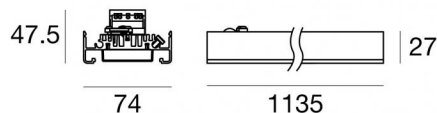
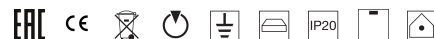


Trail_line 7 poles DALI



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

90929N69



Technical data

Type	Continuous Line
Installation position	Ceiling
Installation environment	Indoor
Light Source	LED
Circuit structure	topLED
Optics	Double Asymmetric
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	DALI
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
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Trail_line 7 poles DALI



Systems | 220-240 V | 120 topLED 42 W DC - 45 W AC | Modular | CRI 80 | Base
90929N69

Single emission systems for indoor application. The natural white LED light source with a double asymmetric 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)	84 %
Source lumens	6186 lm
Delivered lumens	5236 lm
Consumption	45 W
Luminaire efficacy	116 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

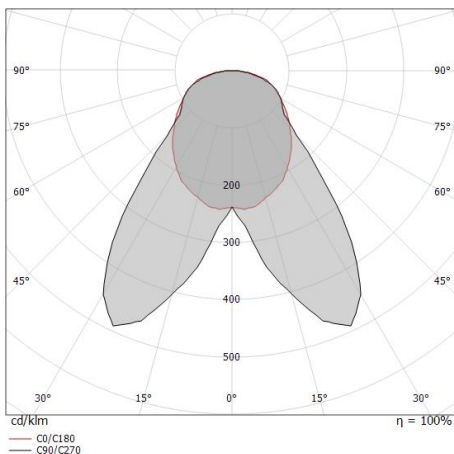
L70 B20 C0 36000h

UGR

UGR axial	25.9
UGR transversal	27.4
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C90/C270 optics	80°
C0/C180 optics	104°
Light distribution symmetry	Symmetrical 2 axis



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.84 1.28	E(0°) 4992 E(C90) 2330 E(C0) 590
1.0	1.68 2.57	E(0°) 1248 E(C90) 583 E(C0) 148
1.5	2.52 3.85	E(0°) 555 E(C90) 259 E(C0) 66
2.0	3.36 5.14	E(0°) 312 E(C90) 146 E(C0) 37
2.5	4.20 6.42	E(0°) 200 E(C90) 93 E(C0) 24
3.0	5.03 7.71	E(0°) 139 E(C90) 65 E(C0) 16


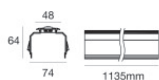

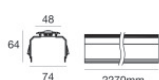

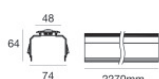

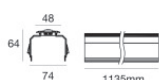

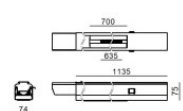

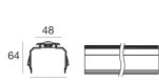

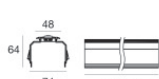

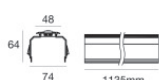
— C0/C180 (Half-peak divergence: 104.2°)
 — C90/C270 (Half-peak divergence: 80.0°)

Trail_line 7 poles DALI



Systems | 220-240 V | 120 topLED 42 W DC - 45 W AC | Modular | CRI 80
90929N69

Components

	 <p>48 64 74 1135mm</p>	Trail Power Module backbone 7 poles ON/OFF DALI - Sistemi	Code <u>90913</u>
	 <p>48 64 74 2270mm</p>	Trail Power Module backbone 7 poles ON/OFF DALI - Sistemi	Code <u>90917</u>
	 <p>48 64 74 2270mm</p>	Trail standard backbone 7 poles ON/OFF-DALI	Code <u>90909</u>
	 <p>48 64 74 1135mm</p>	Trail standard backbone 7 poles ON/OFF-DALI - Sistemi	Code <u>90905</u>
	 <p>700 635 1135 74</p>	Trail Three-phase adapter	Code <u>90952</u>
	 <p>48 64 74 1135mm</p>	Trail Power module backbone 3 poles ON/OFF	Code <u>90915 - 90911</u>
	 <p>48 64 74 2270mm</p>	Trail standard backbone 3 poles ON/OFF	Code <u>90903 - 90907</u>
	 <p>48 64 74 1135mm</p>	Trail Auxiliary power backbone 7 poles ON/OFF	Code <u>90905E</u>

Trail_line 7 poles DALI



Systems | 220-240 V | 120 topLED 42 W DC - 45 W AC | Modular | CRI 80
90929N69

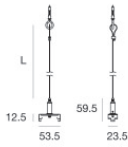
Components

Trail_line 7 poles DALI



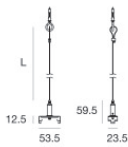
Trail_line 7 poles DALI | Systems | Accessories

90929N69



Cables for suspension

Code
90944



Cables for suspension

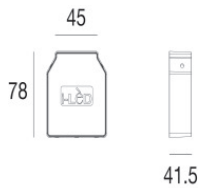
Code
90943



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