

Rail & Trunk System - Electronic inserts

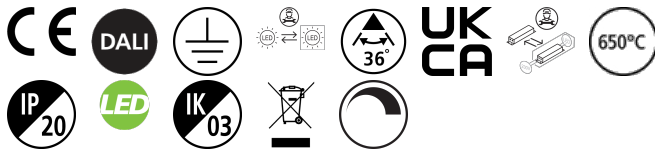
RTS 1.5M 70W 12C NR DD CB

0042602



Product features

- RTS LED linear luminaire for industrial and commercial applications. 1500 mm length with narrow optics provide homogenous light distribution for aisles and focus areas. Suitable for Central Battery operating. Steel housing, White color, -25 ... +30 °C operating temperature range, 4000 K, CRI 80, 3 SDMC. 70 W power consumption, 11200 lm luminous flux, 160 lm/W efficacy, 1500 mm x 70.2 mm x 78.6 mm (L x W x H) dimensions, IP20, IK03, 220-240 V 50/60 Hz, Class I. Lifespan L70:B50 120,000 hours.



PRODUCT OVERVIEW

Product name	RTS 1.5M 70W 12C NR DD CB
Technology	LED
Housing	Steel
General application	Logistics & Industry
ETIM Class	EC001957
Warranty	5 years
Fixture luminous flux (lm)	11200
Luminaire efficacy (lm/W)	160
Colour temperature (K)	4000
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	36
Photobiological Risk Group	RG1
Luminous flux (emergency) (lm)	1693
Total power consumption (W)	70
Electrical protection	Class I
Dimmable	Yes
Dimming method	DALI
Minimum dimming level (%)	1
LED Flickering Rate	Ultra low (5% or less)
Housing colour	White
IP rating	IP20
IK rating	IK03
Product EAN number	5410288426020

Rail & Trunk System - Electronic inserts

RTS 1.5M 70W 12C NR DD CB
0042602

DATA TABLE

General data

Product name	RTS 1.5M 70W 12C NR DD CB
Technology	LED
Housing	Steel
General application	Logistics & Industry
Operating temperature range (°C)	-25°C...+30°C
Performance ambient temperature T _a (°C)	25
ETIM Class	EC001957
Warranty	5 years

Optical data

Fixture luminous flux (lm)	11200
Luminaire efficacy (lm/W)	160
Colour temperature (K)	4000
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	36
Photobiological Risk Group	RG1
Luminous flux (emergency) (lm)	1693

Electrical data

Total power consumption (W)	70
Mains voltage (V)	220-240V
Lamp power factor	0.95
Electrical protection	Class I
Control gear required	No
Transformer required	No
Dimmable	Yes
Dimming method	DALI
Minimum dimming level (%)	1
Drive current (mA)	1000
Inrush Current (A)	43.6
Inrush Duration (µs)	188
Glow Wire Test (°C)	650
Energy Efficiency Class (A->G) of contained light source	C
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. Luminaires per 16A C Breaker	23
Max. Luminaires per 16A B Breaker	14

Lifetime data

Lifespan L70 B50	100000
Lifespan L70 B20	100000
Lifespan L70 B10	100000
Lifespan L80 B50	79000

Rail & Trunk System - Electronic inserts

RTS 1.5M 70W 12C NR DD CB
0042602

Lifespan L80 B20	75000
Lifespan L80 B10	72000
Lifespan L90 B50	37000
Lifespan L90 B20	34000
Lifespan L90 B10	32000

Physical data

Housing colour	White
IP rating	IP20
IK rating	IK03
Diffuser finish	Transparent
Diffuser material	PMMA Acrylic
Nominal Product Length (mm)	1500
Nominal Product Width (mm)	70.2
Nominal Product Height (mm)	78.6
Weight (kg)	1.7

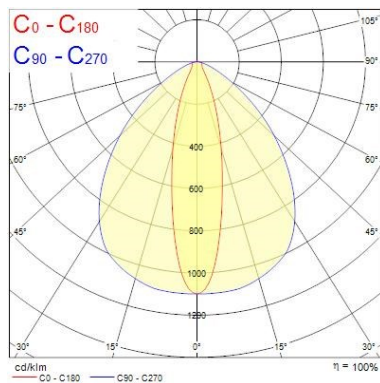
Packaging

Single packaging type	Without Packaging
Product EAN number	5410288426020
Packaging single length / height (cm)	150.0
Packaging single width (cm)	7.5
Packaging single depth (cm)	6.5
DUN14 (outer)	15410288426027
Units per outer package	10
Packaging outer length / height (cm)	157.0
Packaging outer width (cm)	44.0
Packaging outer depth (cm)	21.0

Safety data

Optimal operating condition (°C)	-25-30
----------------------------------	--------

PHOTOMETRY

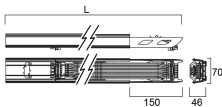


Distance [m]	Cone diameter [m]	Beam angle [°]	Beam diameter [mm]	Illuminance [lx]
0.5	0.99 0.22	44.7° 12.8°	49238 8990 22951	
1.0	1.98 0.45	44.7° 12.8°	12309 2215 5733	
1.5	2.97 0.67	44.7° 12.8°	5471 964 2548	
2.0	3.96 0.89	44.7° 12.8°	3077 554 1433	
2.5	4.95 1.12	44.7° 12.8°	1969 354 917	
3.0	5.94 1.34	44.7° 12.8°	1380 248 637	

Distance [m] Cone diameter [m] Illuminance [lx]
C0 - C180 (Half beam angle: 35.2°)
C90 - C270 (Half beam angle: 88.4°)

Rail & Trunk System - Electronic inserts
RTS 1.5M 70W 12C NR DD CB
0042602

TECHNICAL DRAWINGS



L	600	900	1202	1500	2403	3000	3605	4500
---	-----	-----	------	------	------	------	------	------