

Rail & Trunk System - Electronic inserts

RTS 1.5M 50W 8C NR DD 3W 3H EM

0042604



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. Fitted with switching EM driver + 3W convertor + BST NICD 4.8V 3.0Ah (Self-contained Version). Steel housing, White color, 0 ... +40 °C operating temperature range, 4000 K, CRI 80, 3 SDCM. 53 W power consumption, 8000 lm luminous flux, 151 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 50W 8C NR DD 3W 3H EM
Technology	LED
Housing	Steel
General application	Logistics & Industry
Warranty	1 year
Fixture luminous flux (lm)	8000
Luminaire efficacy (lm/W)	151
Colour temperature (K)	4000
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	30
Photobiological Risk Group	RG1
Total power consumption (W)	53
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	5410288426044

DATA TABLE

General data

Product name	RTS 1.5M 50W 8C NR DD 3W 3H EM
Technology	LED
Housing	Steel
General application	Logistics & Industry
Operating temperature range (°C)	0°C...+40°C
Performance ambient temperature Tq (°C)	25
Warranty	1 year

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Optical data

Fixture luminous flux (lm)	8000
Luminaire efficacy (lm/W)	151
Colour temperature (K)	4000
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	30
Photobiological Risk Group	RG1
Emergency duration (h)	3

Electrical data

Total power consumption (W)	53
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
Inrush Current (A)	43.6
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 B Breaker	14

Lifetime data

Lifespan L70 B50	100000
Lifespan L70 B20	100000
Lifespan L70 B10	100000
Lifespan L80 B50	79000
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
Weight (kg)	1.7

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Packaging	
Single packaging type	Without Packaging
Product EAN number	5410288426044
Packaging single length / height (cm)	150.0
Packaging single width (cm)	7.5
Packaging single depth (cm)	6.5
Units per outer package	10
Packaging outer width (cm)	44.0
Packaging outer depth (cm)	21.0
Safety data	
Optimal operating condition (°C)	0-40

PHOTOMETRY

TECHNICAL DRAWINGS

