



Features

• RTS LED linear luminaire for industrial and commercial applications. 1500 mm lenght 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 SDMC. 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.

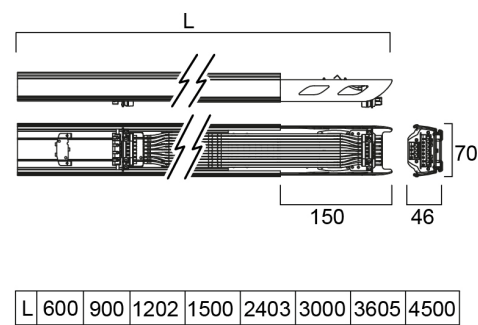
Product Overview

Product name	RTS 1.5M 50W 8C NR DD 3W 3H EM
Technology	LED
Housing	Steel
General application	Logistics & Industry
ETIM Class	EC001957
Fixture luminous flux (lm)	8000
Luminaire efficacy (lm/W)	151
Colour temperature (K)	4000
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Beam Angle (°)	30
Photobiological Risk Group	RG1
Luminous flux (emergency) (lm)	550
Total power consumption (W)	53
Electrical protection	Class I
Dimmable	Yes
Minimum dimming level (%)	1
LED Flickering Rate	Ultra low (5% or less)

RTS 1.5M 50W 8C NR DD 3W 3H EM
0042604

Housing colour	White
IP rating	IP20
IK rating	IK03
Product EAN number	5410288426044
Warranty	1 year
Dimming method	DALI

Technical drawings



L	600	900	1202	1500	2403	3000	3605	4500
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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
ETIM Class	EC001957
Warranty	1 year

OPTICAL DATA

Fixture luminous flux (lm)	8000
Luminaire efficacy (lm/W)	151
Colour temperature (K)	4000
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Beam Angle (°)	30
Photobiological Risk Group	RG1
Luminous flux (emergency) (lm)	550
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
Drive current (mA)	600
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

RTS 1.5M 50W 8C NR DD 3W 3H EM 0042604

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
Nominal Product Height (mm)	78.6
Weight (kg)	1.7

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
DUN14 (outer)	15410288426041
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



RTS 1.5M 50W 8C NR DD 3W 3H EM
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Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No