

Rail & Trunk System - Electronic inserts
RTS 1.5M 50W 8C WD 3H EM
0042606



Product features

- RTS LED linear luminaire for industrial and commercial applications. 1500 mm length with wide optics provide homogeneous light distribution for open 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. 50 W power consumption, 8000 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 50W 8C WD 3H EM
Technology	LED
Housing	Steel
General application	Logistics & Industry
Warranty	5 years
Fixture luminous flux (lm)	8000
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	90
Photobiological Risk Group	RG1
Electrical protection	Class I
Housing colour	White
IP rating	IP20
IK rating	IK03
Product EAN number	5410288426068

DATA TABLE

General data	
Product name	RTS 1.5M 50W 8C WD 3H EM
Technology	LED
Housing	Steel
General application	Logistics & Industry
Operating temperature range (°C)	0°C...+40°C

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Performance ambient temperature Tq (°C) 25

Warranty 5 years

Optical data

Fixture luminous flux (lm) 8000

Colour Variation Initial (SDCM) SDCM3

Beam Angle (°) 90

Photobiological Risk Group RG1

Emergency duration (h) 3

Electrical data

Mains voltage (V) 220-240V

Lamp power factor 0.95

Electrical protection Class I

Control gear required No

Transformer required No

Inrush Current (A) 20

Glow Wire Test (°C) 650

Energy Efficiency Class (A->G) of contained light source C

Max. Luminaires per 16A B Breaker 19

Physical data

Housing colour White

IP rating IP20

IK rating IK03

Diffuser finish Transparent

Nominal Product Length (mm) 1500

Nominal Product Width (mm) 70.2

Weight (kg) 1.7

Packaging

Single packaging type Without Packaging

Product EAN number 5410288426068

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

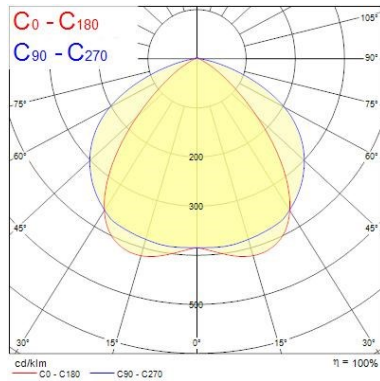
Packaging outer depth (cm) 21.0

Safety data

Optimal operating condition (°C) 0-40

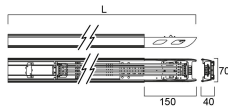
PHOTOMETRY

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Distance [m]	Cone diameter [m]				
	C9 - C100 (Half beam angle: 85.0°)	C90 - C270 (Half beam angle: 124.0°)			Illuminance [lx]
0.5	1.88 0.94		50° E(C90) 62.0° E(C0) 43.3°	12000 841 258	
1.0	3.76 1.88		50° E(C90) 62.0° E(C0) 43.3°	3070 180 946	
1.5	5.64 2.83		50° E(C90) 62.0° E(C0) 43.3°	1580 71 287	
2.0	7.52 3.77		50° E(C90) 62.0° E(C0) 43.3°	765 49 165	
2.5	9.40 4.71		50° E(C90) 62.0° E(C0) 43.3°	492 29 103	
3.0	11.28 5.65		50° E(C90) 62.0° E(C0) 43.3°	342 18 71	

TECHNICAL DRAWINGS



L	600	900	1202	1500	2403	3000	3605	4500
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