

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
ETIM Class	EC000471
Warranty	5 years
Fixture luminous flux (lm)	8000
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	90
Photobiological Risk Group	RG1
Luminous flux (emergency) (lm)	550
Electrical protection	Class I
Dimmable	No
Minimum dimming level (%)	100
Housing colour	White
IP rating	IP20
IK rating	IK03
Product EAN number	5410288426068
Dimming method	N/A

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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
Performance ambient temperature Tq (°C)	25
ETIM Class	EC000471
Warranty	5 years

Optical data

Fixture luminous flux (lm)	8000
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	90
Photobiological Risk Group	RG1
Luminous flux (emergency) (lm)	550
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
Dimmable	No
Minimum dimming level (%)	100
Inrush Current (A)	20
Inrush Duration (µs)	250
Glow Wire Test (°C)	650
Energy Efficiency Class (A->G) of contained light source	C
Max. Luminaires per 16A C Breaker	27
Max. Luminaires per 16A B Breaker	19

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

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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
DUN14 (outer)	15410288426065
Units per outer package	10
Packaging outer length / height (cm)	157.0
Packaging outer width (cm)	44.0
Packaging outer depth (cm)	21.0

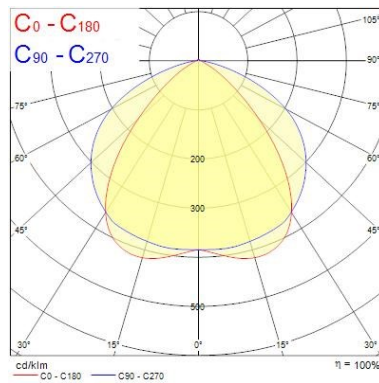
Safety data

Optimal operating condition (°C)	0-40
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PHOTOMETRY

Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)	Illuminance [lx]
0.5	1.88 0.94	12303	641	2684	
1.0	3.76 1.88	3077	162	646	
1.5	5.64 2.83	1368	71	297	
2.0	7.52 3.77	789	40	162	
2.5	9.40 4.71	492	26	103	
3.0	11.28 5.65	342	16	72	

Distance [m] Cone diameter [m] Illuminance [lx]
 — C0 - C180 (Half beam angle: 96.0°)
 — C90 - C270 (Half beam angle: 124.0°)



TECHNICAL DRAWINGS

