

RTS 1.5M 70W 12C WD DD CB

Item No: 0042603



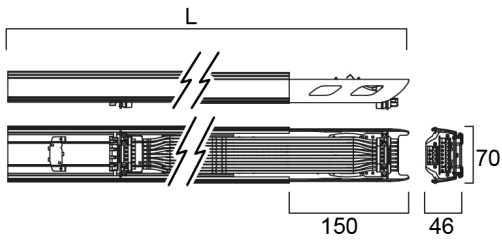
PRO



RTS LED linear luminaire for industrial and commercial applications. 1500 mm length with wide optics provide homogeneous light distribution for open 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.

Technical Assets

Dimensions (mm)

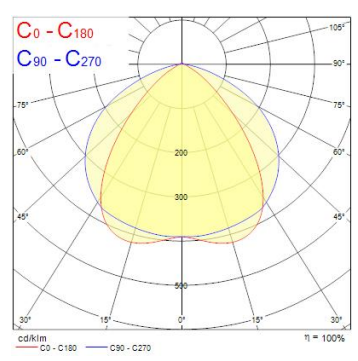


L	600	900	1202	1500	2403	3000	3605	4500
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Photometrics

Distance [m]	Cone diameter [m]	Beam diameter [m]	Illuminance [lx]
0.5	1.50 0.91	E10° E10° E10°	17476 1039 3038
1.0	3.00 1.81	E10° E10° E10°	4370 262 862
1.5	4.50 2.72	E10° E10° E10°	1942 112 428
2.0	6.00 3.63	E10° E10° E10°	1092 83 245
2.5	7.50 4.54	E10° E10° E10°	699 49 164
3.0	9.00 5.44	E10° E10° E10°	488 38 127

Distance [m] Cone diameter [m] Illuminance [lx]
 — C0 - C180 (Half beam angle: 84.4°)
 — C90 - C270 (Half beam angle: 121.8°)



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SYLVANIA

General data

Product name	RTS 1.5M 70W 12C WD DD CB
Technology	LED
Cap/Base	N/A
Housing	Steel
General application	Logistics & Industry
Operating temperature range (°C)	-25°C...+30°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC001957
Warranty	5 years

Optical data

Useful luminous flux (Φ _{use})	11200
Fixture luminous flux (lm)	11200
Luminaire efficacy (lm/W)	160
Correlated colour temperature (k)	4000
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	90
Photobiological Risk Group	RG1
Luminous flux (emergency) (lm)	1703

Electrical data

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

Lifetime data

Lifespan L70 B50	100000
Lifespan L80 B20	75000

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

Product EAN number	5410288426037
Packaging single length / height (cm)	150.0
Packaging single width (cm)	7.5
Packaging single depth (cm)	6.5
DUN14 (inner)	15410288426034
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

Glow Wire Test (°C)	650
Optimal operating condition (°C)	-25-30