

# RTS 1500MM 70W 5-WIRE RIGHT ASYM WHITE

Item No: 0042588

**SYLVANIA**

**PRO**<sup>TM</sup>



RTS LED linear luminaire for industrial and commercial applications. 1500 mm length with asymmetrical (Right) optics provide homogenous light distribution for wide, shelf areas. 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)

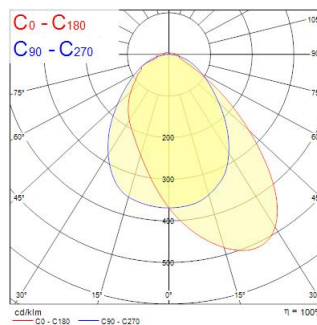


L	600	900	1202	1500	2403	3000	3605	4500
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### Photometrics

Distance [m]	Cone diameter [m]	Beam angle [°]	Beam diameter [m]	Beam diameter [ft]	Illuminance [lx]
0.5	0.96 1.00	43.3° 47.4°	0.96 1.00	3.15 3.28	1029 3069 3261
1.0	1.92 2.17	43.3° 47.4°	1.92 2.17	6.30 7.07	4075 787 654
1.5	2.88 3.26	43.3° 47.4°	2.88 3.26	9.45 10.61	1311 341 282
2.0	3.84 4.35	43.3° 47.4°	3.84 4.35	12.60 14.18	1079 151 126
2.5	4.79 5.44	43.3° 47.4°	4.79 5.44	15.75 17.72	862 133 110
3.0	5.75 6.52	43.3° 47.4°	5.75 6.52	18.90 21.42	693 102 84

Distance [m]    Cone diameter [m]    Illuminance [lx]  
 — C0 - C180 (Half beam angle: 44.9°)  
 — C90 - C270 (Half beam angle: 87.6°)



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## General data

Product name	RTS 1500MM 70W 5-WIRE RIGHT ASYM WHITE
Technology	LED
Cap/Base	N/A
Housing	Steel
Built in presence detector	NONE
General application	Logistics & Industry
Operating temperature range (°C)	-25°C...+30°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC000986
Warranty	5 years

## Optical data

Fixture luminous flux (lm)	11200
Luminaire efficacy (lm/W)	160
Correlated colour temperature (k)	4000
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Distribution type	Asymmetric
Photobiological Risk Group	RG1

## 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	No
Dimming method	N/A
Drive current (mA)	1000
Inrush Current (A)	20
Inrush Duration (µs)	250
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	13

## 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

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## 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

Product EAN number	5410288425887
Packaging single length / height (cm)	150.0
Packaging single width (cm)	7.5
Packaging single depth (cm)	6.5
DUN14 (inner)	15410288425884
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