

RESISTO 1500 IP66 4850-8500LM 840

Item No: 0010328

SYLVANIA

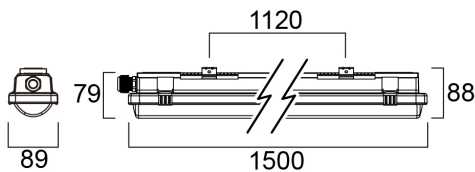
PROTM



Resisto, integrated LED weatherproof luminaire, with UV stabilized flat diffuser designed to achieve uniform lit appearance, optimise light output and to reduce glare. 301 stainless steel diffuser clips and fixing brackets for surface mounting. Polycarbonate housing and diffuser - no yellow discolouration over time. 4850 - 8500lm (selected by DIP switches); 35 - 61W; 139 - 140lm/W; 4000K; SDCM<5; non dimmable; CRI80; IP66; IK08; Class I; 69,000hrs (L80B20) lifespan; 1500mm x 89mm x 88mm; D-mark.

Technical Assets

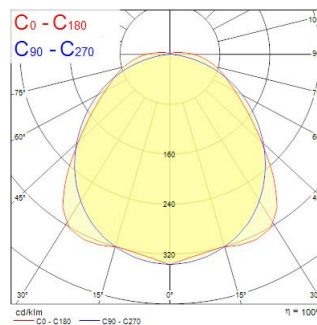
Dimensions (mm)



Photometrics

Distance [m]	Cone diameter [m]	Beam angle [°]	Beam angle [ft]	Illuminance [lx]
0.5	1.37 1.24	52.3° 52.3°	52.3° 51.1°	6531 674 611
1.0	2.73 2.48	52.3° 52.3°	52.3° 51.1°	1633 169 253
1.5	4.10 3.72	52.3° 52.3°	52.3° 51.1°	726 70 201
2.0	5.47 4.96	52.3° 52.3°	52.3° 51.1°	426 41 121
2.5	6.83 6.20	52.3° 52.3°	52.3° 51.1°	281 27 81
3.0	8.20 7.44	52.3° 52.3°	52.3° 51.1°	181 18 51

Distance [m] Cone diameter [m] Illuminance [lx]
 — C0 - C180 (Half beam angle: 102.2°)
 — C90 - C270 (Half beam angle: 107.6°)



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General data

Product name	RESISTO 1500 IP66 4850-8500LM 840
Technology	LED
Cap/Base	N/A
Housing	PC Polycarbonate
Mount	Ceiling surface mounting, Suspended, Wall surface mounted
Built in presence detector	NONE
General application	Logistics & Industry
Operating temperature range (°C)	-20°C...+40°C
Performance ambient temperature Tq (°C)	25
Virtual assistant compatibility	N/A
ETIM Class	EC002892
E-number FI	4357164
Warranty	5 years

Optical data

Fixture luminous flux (lm)	8500
Luminaire efficacy (lm/W)	139
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM5
Colour Consistency (SDCM)	5
Beam Angle (°)	110
Distribution type	Diffuse
Glare control	< 25
Photobiological Risk Group	RG1

Electrical data

Total power consumption (W)	61
Primary Supply/Product voltage - min (V)	220.0
Primary Supply/Product voltage - max (V)	240.0
Lamp power factor	1
THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x %	20
Electrical protection	Class I
Control gear type	LED driver constant current
No. Of switching cycles before premature failures	>50000
Dimmable	No
Dimming method	N/A
Drive current (mA)	350
Inrush Current (A)	16
Inrush Duration (µs)	40
Energy Efficiency Class (A->G) of contained light source	D
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. products per 10A C Breaker	24
Max. products per 13A C Breaker	32
Max. products per 16A C Breaker	39
Max. products per 20A C Breaker	49
Max. products per 10A B Breaker	24
Max. products per 13A B Breaker	32
Max. products per 16A B Breaker	39
Max. products per 20A B Breaker	49
Connectable conductor cross section - Max (mm ²)	2.5

Lifetime data

Lifespan L70 B50	100000
Lifespan L80 B20	69000
Lifespan L90 B10	31000

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Physical data

Housing colour	Grey
IP rating	IP66
IK rating	IK08
Diffuser finish	Frosted
Diffuser material	PC Polycarbonate
Nominal Product Length (mm)	1500
Nominal Product Width (mm)	87
Nominal Product Height (mm)	80
Weight (kg)	1.721

Packaging

Product EAN number	5410288103280
Packaging single length / height (cm)	155.0
Packaging single width (cm)	10.0
Packaging single depth (cm)	9.0
DUN14 (inner)	05410288103280
Units per outer package	1
Packaging outer length / height (cm)	155.0
Packaging outer width (cm)	10.0
Packaging outer depth (cm)	9.0

Safety data

Glow Wire Test (°C)	850
Optimal operating condition (°C)	-20-40