

Resisto 1500 IP66 DALI 8500lm 840

Item No: 0010261

SYLVANIA

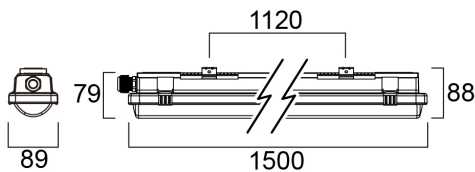
PROTM



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. 8500lm; 61W; 139lm/W; 4000K; SDCM<5; DALI dimmable; CRI80; IP66; IK08; Class I; 69,000hrs (L80B20) lifespan; 1500mm x 89mm x 88mm; D-mark.

Technical Assets

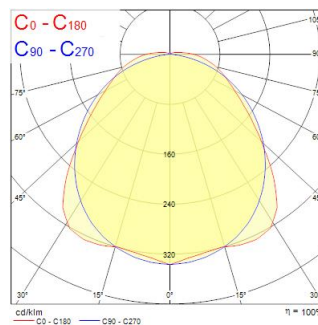
Dimensions (mm)



Photometrics

Distance [m]	Cone diameter [m]	Beam angle [°]	Beam angle [°]	Beam angle [°]	Illuminance [lx]
0.5	1.37 1.24	50°	53°	51°	1144 1152 1451
1.0	2.73 2.48	50°	53°	51°	281 286 363
1.5	4.10 3.72	50°	53°	51°	122 131 158
2.0	5.47 4.96	50°	53°	51°	71 74 93
2.5	6.83 6.20	50°	53°	51°	48 47 59
3.0	8.20 7.44	50°	53°	51°	31 31 39

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 DALI 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	4357069
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

Emergency type	
Total power consumption (W)	61
Primary Supply/Product voltage - min (V)	220.0
Primary Supply/Product voltage - max (V)	240.0
Lamp power factor	0.99
THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x %	9
Electrical protection	Class I
Control gear type	LED driver constant current
No. Of switching cycles before premature failures	>50000
Dimmable	Yes
Dimming method	DALI-2
Minimum dimming level (%)	1
Drive current (mA)	350
Inrush Current (A)	23.1
Inrush Duration (µs)	174
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	21
Max. products per 13A C Breaker	28
Max. products per 16A C Breaker	35
Max. products per 20A C Breaker	45
Max. products per 10A B Breaker	13
Max. products per 13A B Breaker	17
Max. products per 16A B Breaker	21
Max. products per 20A B Breaker	27
Connectable conductor cross section - Max (mm ²)	2.5

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Lifetime data

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

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)	1.936

Packaging

Product EAN number	5410288102610
Packaging single length / height (cm)	155.0
Packaging single width (cm)	10.0
Packaging single depth (cm)	9.0
DUN14 (inner)	05410288102610
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