

RESISTO 1500 HE IP66 DALI 7100LM 840 EM

Item No: 0010355

SYLVANIA

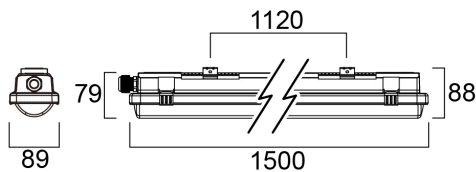
PROTM



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. 7100lm; 50W; 142lm/W; 4000K; SDCM<3; DALI dimmable; CRI80; IP66; IK08; Class I; 69,000hrs (L80B20) lifespan; 1500mm x 89mm x 88mm; D-mark; 3-hour LiFePO4 maintained emergency batteries (600lm emergency lm output).

Technical Assets

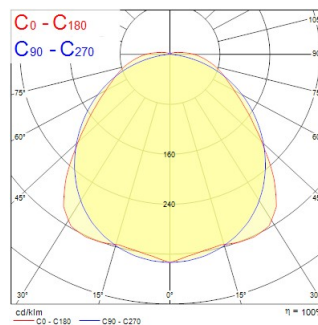
Dimensions (mm)



Photometrics

Distance [m]	Cone diameter [m]	Beam diameter [m]	Beam diameter [ft]	Illuminance [lx]
0.5	1.39 1.25	517 516	542 542	1037 1016
1.0	2.77 2.51	517 516	542 542	2534 254
1.5	4.16 3.76	517 516	542 542	1138 113
2.0	5.55 5.01	517 516	542 542	634 63
2.5	6.93 6.26	517 516	542 542	456 45
3.0	8.32 7.52	517 516	542 542	352 35

Distance [m] Cone diameter [m] Illuminance [lx]
 — C0 - C180 (Half beam angle: 102.3°)
 — C90 - C270 (Half beam angle: 108.4°)



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General data

Product name	RESISTO 1500 HE IP66 DALI 7100LM 840 EM
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)	5°C...+40°C
Virtual assistant compatibility	N/A
ETIM Class	EC002892
E-number FI	4357181
Warranty	5 years

Optical data

Fixture luminous flux (lm)	7100
Luminaire efficacy (lm/W)	142
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	110
Distribution type	Diffuse
Glare control	< 22
Photobiological Risk Group	RG1
Luminous flux (emergency) (lm)	670

Electrical data

Emergency type	
Emergency duration (h)	3
Total power consumption (W)	50
Primary Supply/Product voltage - min (V)	220.0
Primary Supply/Product voltage - max (V)	240.0
Lamp power factor	0.9
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
Dimmable	No
Dimming method	DALI-2
Inrush Current (A)	22.4
Inrush Duration (µs)	176
Energy Efficiency Class (A->G) of contained light source	C
Nominal Frequency (Hz)	50/60Hz
Max. products per 10A C Breaker	21
Max. products per 16A C Breaker	36
Max. products per 16A B Breaker	22
Connectable conductor cross section - Max (mm ²)	2.5

Lifetime data

Lifespan L70 B50	100000
Lifespan L70 B20	100000
Lifespan L70 B10	100000
Lifespan L80 B50	74000
Lifespan L80 B20	69000
Lifespan L80 B10	66000
Lifespan L90 B50	35000
Lifespan L90 B20	33000
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)	2.5

Packaging

Product EAN number	5410288103556
Packaging single length / height (cm)	150.5
Packaging single width (cm)	10.0
Packaging single depth (cm)	8.5
Units per outer package	1
Packaging outer length / height (cm)	150.5
Packaging outer width (cm)	10.0
Packaging outer depth (cm)	8.5

Safety data

Glow Wire Test (°C)	850
Optimal operating condition (°C)	5-40