

Resisto 1200 IP66 DALI 6050lm 840

Item No: 0010456

SYLVANIA

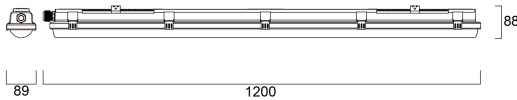
PROTM



Resisto, integrated LED weatherproof luminaire, with UV stabilized flat diffuser designed to achieve uniform light 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, IP66, IK08, Class I, SDCM<3, 4000K, CRI>80, DALI-2 dimmable (push-dim function is available), 6050lm, 33.5W, 181lm/W, 100.000hrs L80B10 lifespan, 1200 x 89 x 88mm (L x W x H) dimensions, 1.43kg weight, operating temperature range from -20 to +40°C. D-mark, ENEC certification.

Technical Assets

Dimensions (mm)

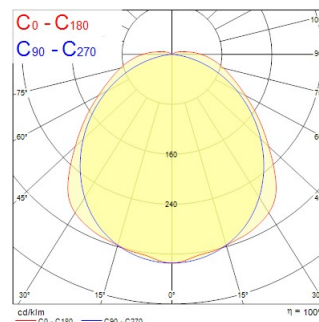


Photometrics

0.5	1.27 1.40	E171 E180 E180	91.3° 91.3° 84.4°	8091 905 900
1.0	2.54 2.79	E171 E180 E180	91.3° 91.3° 84.4°	2023 200 200
1.5	3.81 4.19	E171 E180 E180	91.3° 91.3° 84.4°	599 158 158
2.0	5.08 5.59	E171 E180 E180	91.3° 91.3° 84.4°	506 80 80
2.5	6.35 6.98	E171 E180 E180	91.3° 91.3° 84.4°	324 58 52
3.0	7.62 8.38	E171 E180 E180	91.3° 91.3° 84.4°	223 47 42

Distance [m] Cone diameter [m] Illuminance [lx]

— C0 - C180 (Half beam angle: 103.9°)
— C90 - C270 (Half beam angle: 103.9°)



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General data

Product name	Resisto 1200 IP66 DALI 6050lm 840
Technology	LED
Cap/Base	N/A
Housing	PC Polycarbonate
Mount	Ceiling surface mounting, Wall surface mounted
Built in presence detector	NONE
General application	Logistics & Industry
Operating temperature range (°C)	-20°C...+40°C
Virtual assistant compatibility	N/A
ETIM Class	EC002892
E-number FI	4357217
Warranty	5 years

Optical data

Fixture luminous flux (lm)	6050
Luminaire efficacy (lm/W)	181
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	110
Distribution type	Symmetric
Glare control	< 25
Photobiological Risk Group	RG1

Electrical data

Emergency type	
Total power consumption (W)	33.5
Primary Supply/Product voltage - min (V)	220.0
Primary Supply/Product voltage - max (V)	240.0
Lamp power factor	0.97
THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x %	10.5
Electrical protection	Class I
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	DALI-2
Drive current (mA)	350
Inrush Current (A)	17
Inrush Duration (µs)	222
Energy Efficiency Class (A->G) of contained light source	B
Nominal Frequency (Hz)	50/60Hz
Max. products per 10A C Breaker	36
Max. products per 13A C Breaker	47
Max. products per 16A C Breaker	57
Max. products per 20A C Breaker	73
Max. products per 10A B Breaker	21
Max. products per 13A B Breaker	28
Max. products per 16A B Breaker	35
Max. products per 20A B Breaker	43
Connectable conductor cross section - Min (mm ²)	0.75
Connectable conductor cross section - Max (mm ²)	2.5

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Lifetime data

Lifespan L70 B50	100000
Lifespan L80 B50	100000
Lifespan L80 B20	100000
Lifespan L80 B10	100000
Lifespan L90 B50	77000

Physical data

Housing colour	RAL 7035 - Light grey
IP rating	IP66
IK rating	IK08
Diffuser finish	Frosted
Diffuser material	PC Polycarbonate
Nominal Product Length (mm)	1200
Nominal Product Width (mm)	89
Nominal Product Height (mm)	88
Weight (kg)	1.43

Packaging

Product EAN number	5410288104560
Packaging single length / height (cm)	121.0
Packaging single width (cm)	10.3
Packaging single depth (cm)	8.8
DUN14 (inner)	15410288104567
Units per outer package	6
Packaging outer length / height (cm)	122.5
Packaging outer width (cm)	28.0
Packaging outer depth (cm)	22.0

Safety data

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