

## Resisto SylSmart

Resisto 1200 IP65 2800lm 840 SSA

0010230



### Product features

- 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. 2800lm; 20W; 140lm/W; 4000K; SDCM<5; CRI80; IP66; IK08 (sensor IK03); Class I; 69,000hrs (L80B20) lifespan; 1288mm x 87mm x 80mm; D-mark; SylSmart Connected Building enabled.



### PRODUCT OVERVIEW

Product name	Resisto 1200 IP65 2800lm 840 SSA
Technology	LED
Cap/Base	N/A
Housing	PC Polycarbonate
Mount	Ceiling surface mounting, Suspended, Wall surface mounted
General application	Logistics & Industry
ETIM Class	EC002892
Warranty	5 years
Fixture luminous flux (lm)	2800
Luminaire efficacy (lm/W)	140
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM5
Colour Consistency (SDCM)	5
Beam Angle (°)	110
Glare control	< 22
Photobiological Risk Group	RG1
Total power consumption (W)	20
Electrical protection	Class I
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	SylSmart SSA
Minimum dimming level (%)	1
LED Flickering Rate	Ultra low (5% or less)
Housing colour	Grey
IP rating	IP65
IK rating	IK08
Product EAN number	5410288102306

### DATA TABLE

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### General data

Product name	Resisto 1200 IP65 2800lm 840 SSA
Technology	LED
Cap/Base	N/A
Housing	PC Polycarbonate
Mount	Ceiling surface mounting, Suspended, Wall surface mounted
General application	Logistics & Industry
Operating temperature range (°C)	-20°C...+40°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC002892
Warranty	5 years

### Optical data

Fixture luminous flux (lm)	2800
Luminaire efficacy (lm/W)	140
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	< 22
Photobiological Risk Group	RG1

### Electrical data

Total power consumption (W)	20
Mains voltage (V)	220-240V
Lamp power factor	1
THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x %	9
Electrical protection	Class I
Control gear required	No
Control gear type	LED driver constant current
No. Of switching cycles before premature failures	>50000
Transformer required	No
Dimmable	Yes
Dimming method	SylSmart SSA
Minimum dimming level (%)	1
Drive current (mA)	350
Inrush Current (A)	29
Inrush Duration (µs)	180
Glow Wire Test (°C)	850
Energy Efficiency Class (A->G) of contained light source	D
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. Luminaires per 10A C Breaker	21

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Max. Luminaires per 13A C Breaker	28
Max. Luminaires per 16A C Breaker	36
Max. Luminaires per 20A C Breaker	45
Max. Luminaires per 10A B Breaker	13
Max. Luminaires per 13A B Breaker	17
Max. Luminaires per 16A B Breaker	22
Max. Luminaires per 20A B Breaker	27

### Lifetime data

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

### Physical data

Housing colour	Grey
IP rating	IP65
IK rating	IK08
IK rating of sensor	IK03
Diffuser finish	Frosted
Diffuser material	PC Polycarbonate
Nominal Product Length (mm)	1288
Nominal Product Width (mm)	87
Nominal Product Height (mm)	80
Weight (kg)	1.78

### Packaging

Single packaging type	Carton
Product EAN number	5410288102306
Packaging single length / height (cm)	120.5
Packaging single width (cm)	10.0
Packaging single depth (cm)	8.5
DUN14 (outer)	05410288102306
Units per outer package	1
Packaging outer length / height (cm)	120.5
Packaging outer width (cm)	10.0
Packaging outer depth (cm)	8.5

### Safety data

Optimal operating condition (°C)	-20-40
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## PHOTOMETRY

## Resisto SylSmart

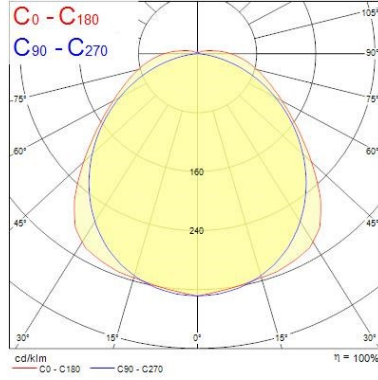
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0.5	1.30 1.38	E(0°) E(C90) E(C0)	3681 416 374
1.0	2.61 2.75	E(0°) E(C90) E(C0)	920 104 94
1.5	3.91 4.13	E(0°) E(C90) E(C0)	439 46 42
2.0	5.21 5.51	E(0°) E(C90) E(C0)	230 26 23
2.5	6.52 6.83	E(0°) E(C90) E(C0)	147 17 15
3.0	7.82 8.26	E(0°) E(C90) E(C0)	102 12 10

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

— C0 - C180 (Half beam angle: 105.0°)  
— C90 - C270 (Half beam angle: 105.0°)



## TECHNICAL DRAWINGS

