

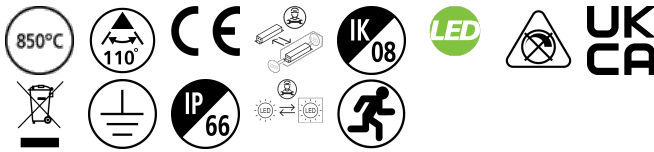
## Resisto Emergency

Resisto 1200 IP66 2800lm 840 EM  
0010218



### 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; 25W; 112lm/W; 4000K; SDCM<5; non dimmable; CRI80; IP66; IK08; Class I; 69,000hrs (L80B20) lifespan; 1200mm x 89mm x 88mm; D-mark; 3-hour maintained emergency batteries.



### PRODUCT OVERVIEW

Product name	Resisto 1200 IP66 2800lm 840 EM
Technology	LED
Cap/Base	N/A
Housing	PC Polycarbonate
Mount	Ceiling surface mounting, Suspended, Wall surface mounted
General application	Logistics & Industry
ETIM Class	EC002892
E-number FI	4357072
Warranty	5 years
Fixture luminous flux (lm)	2800
Luminaire efficacy (lm/W)	112
Colour temperature (K)	4000
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM5
Colour Consistency (SDCM)	5
Beam Angle (°)	110
Glare control	< 22
Photobiological Risk Group	RG1
Luminous flux (emergency) (lm)	655
Total power consumption (W)	25
Electrical protection	Class I
Control gear type	LED driver constant current
Dimmable	No
LED Flickering Rate	Ultra low (5% or less)
Housing colour	Grey
IP rating	IP66
IK rating	IK08
Product EAN number	5410288102184
Luminous flux (emergency) (lm)	655

### DATA TABLE

## Resisto Emergency

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### General data

Product name	Resisto 1200 IP66 2800lm 840 EM
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)	5°C - 40°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC002892
E-number FI	4357072
Warranty	5 years

### Optical data

Fixture luminous flux (lm)	2800
Luminaire efficacy (lm/W)	112
Colour temperature (K)	4000
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
Luminous flux (emergency) (lm)	655
Emergency duration (h)	3

### Electrical data

Total power consumption (W)	25
Mains voltage (V)	220-240V~
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 required	No
Control gear type	LED driver constant current
No. Of switching cycles before premature failures	>50000
Transformer required	No
Dimmable	No
Drive current (mA)	350
Inrush Current (A)	6.1
Inrush Duration (µs)	18
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	60

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Max. Luminaires per 13A C Breaker	79
Max. Luminaires per 16A C Breaker	97
Max. Luminaires per 20A C Breaker	121
Max. Luminaires per 10A B Breaker	60
Max. Luminaires per 13A B Breaker	79
Max. Luminaires per 16A B Breaker	97
Max. Luminaires per 20A B Breaker	121

### 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)	1200
Nominal Product Width (mm)	87
Nominal Product Height (mm)	80
Weight (kg)	2.12

### Packaging

Single packaging type	Carton
Product EAN number	5410288102184
Packaging single length / height (cm)	120.5
Packaging single width (cm)	10.0
Packaging single depth (cm)	8.5
DUN14 (outer)	05410288102184
Units per outer package	1
Packaging outer length / height (cm)	120.5
Packaging outer width (cm)	10.0
Packaging outer depth (cm)	8.5

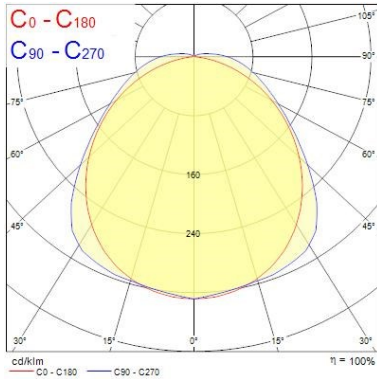
### Safety data

Optimal operating condition (°C)	5-40
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## PHOTOMETRY

## Resisto Emergency

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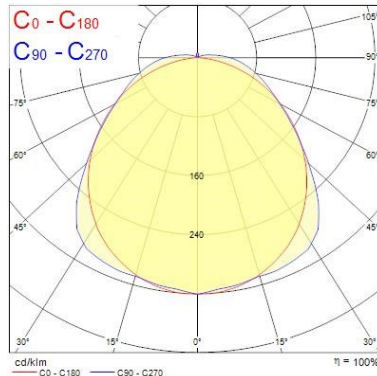


Distance [m]	Cone diameter [m]	E <sub>0°</sub> [lx]	E <sub>30°</sub> [lx]	E <sub>45°</sub> [lx]
0.5	1.38 1.30	989	54.0° 52.5°	374 416
1.0	2.75 2.61	900	54.0° 52.5°	344 384
1.5	4.13 3.91	409	54.0° 52.5°	152 168
2.0	5.51 5.21	230	54.0° 52.5°	88 96
2.5	6.88 6.52	147	54.0° 52.5°	56 60
3.0	8.26 7.82	102	54.0° 52.5°	40 42

Distance [m] Cone diameter [m] Illuminance [lx]  
C0 - C180 (Half beam angle: 105.0°)  
C90 - C270 (Half beam angle: 109.0°)

Distance [m]	Cone diameter [m]	E <sub>0°</sub> [lx]	E <sub>30°</sub> [lx]	E <sub>45°</sub> [lx]
0.5	1.37 1.40	841	53.9° 54.5°	311 322
1.0	2.74 2.80	210	53.9° 54.5°	78 81
1.5	4.11 4.21	93	53.9° 54.5°	34 35
2.0	5.49 5.61	50	53.9° 54.5°	18 19
2.5	6.86 7.01	34	53.9° 54.5°	12 13
3.0	8.23 8.41	23	53.9° 54.5°	8 8

Distance [m] Cone diameter [m] Illuminance [lx]  
C0 - C180 (Half beam angle: 105.0°)  
C90 - C270 (Half beam angle: 107.8°)



## TECHNICAL DRAWINGS

