

## Resisto Emergency

Resisto 1500 IP66 7600lm 840 EM

0010254



### 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. 7600lm; 59W; 129lm/W; 4000K; SDCM<5; non dimmable; CRI80; IP66; IK08; Class I; 69,000hrs (L80B20) lifespan; 1500mm x 89mm x 88mm; D-mark; 3-hour maintained emergency batteries.



### PRODUCT OVERVIEW

Product name	Resisto 1500 IP66 7600lm 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	4357064
Warranty	5 years
Fixture luminous flux (lm)	7600
Luminaire efficacy (lm/W)	129
Colour temperature (K)	4000
CRI (Ra)	80
Colour Consistency (SDCM)	5
Colour Variation Initial (SDCM)	SDCM5
Beam Angle (°)	110
Glare control	< 25
Photobiological Risk Group	RG1
Luminous flux (emergency) (lm)	680
Luminous flux (emergency) (lm)	680
Total power consumption (W)	59
Electrical protection	Class I
Control gear type	LED driver constant current
Dimmable	No
Dimming method	N/A
LED Flickering Rate	Ultra low (5% or less)
Housing colour	Grey
IP rating	IP66
IK rating	IK08
Product EAN number	5410288102542

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### DATA TABLE

#### General data

Product name	Resisto 1500 IP66 7600lm 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	4357064
Warranty	5 years

#### Optical data

Fixture luminous flux (lm)	7600
Luminaire efficacy (lm/W)	129
Colour temperature (K)	4000
CRI (Ra)	80
Colour Consistency (SDCM)	5
Colour Variation Initial (SDCM)	SDCM5
Beam Angle (°)	110
Distribution type	Diffuse
Glare control	< 25
Photobiological Risk Group	RG1
Luminous flux (emergency) (lm)	680
Luminous flux (emergency) (lm)	680
Emergency duration (h)	3

#### Electrical data

Total power consumption (W)	59
Mains voltage (V)	220-240V
Lamp power factor	0.95
THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x %	20
Electrical protection	Class I
Control gear type	LED driver constant current
No. Of switching cycles before premature failures	>50000
Dimmable	No
Dimming method	N/A
Drive current (mA)	350
Inrush Current (A)	16
Inrush Duration (µs)	40
Glow Wire Test (°C)	850
Energy Efficiency Class (A->G) of contained light source	D
Nominal Frequency (Hz)	50/60Hz

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LED Flickering Rate	Ultra low (5% or less)
Max. Luminaires per 10A C Breaker	24
Max. Luminaires per 13A C Breaker	32
Max. Luminaires per 16A C Breaker	39
Max. Luminaires per 20A C Breaker	49
Max. Luminaires per 10A B Breaker	24
Max. Luminaires per 13A B Breaker	32
Max. Luminaires per 16A B Breaker	39
Max. Luminaires per 20A B Breaker	49

### 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)	2.59

### Packaging

Single packaging type	Carton
Product EAN number	5410288102542
Packaging single length / height (cm)	150.5
Packaging single width (cm)	10.0
Packaging single depth (cm)	8.5
DUN14 (outer)	05410288102542
Units per outer package	1
Packaging outer length / height (cm)	150.5
Packaging outer width (cm)	10.0
Packaging outer depth (cm)	8.5

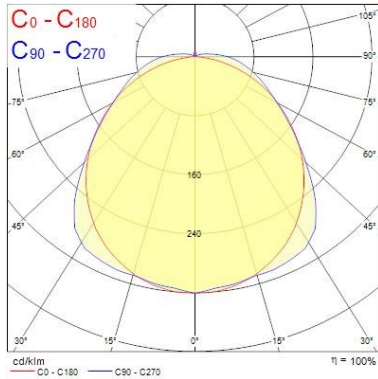
### Safety data

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

## Resisto Emergency

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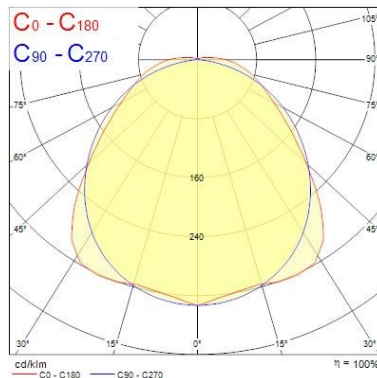


Distance [m]	Cone diameter [m]	E <sub>0</sub> [lx]	E <sub>10%</sub> [lx]	E <sub>5%</sub> [lx]
0.5	1.37 1.40	869 89	83.9° 84.5°	85
1.0	2.74 2.80	217 22	83.9° 84.5°	21
1.5	4.11 4.21	97 10	83.9° 84.5°	9
2.0	5.49 5.61	54 6	83.9° 84.5°	5
2.5	6.86 7.01	35 4	83.9° 84.5°	3
3.0	8.23 8.41	24 2	83.9° 84.5°	2

Distance [m] Cone diameter [m] Illuminance [lx]  
 C0 - C180 (Half beam angle: 105.0°)  
 C90 - C270 (Half beam angle: 107.5°)

Distance [m]	Cone diameter [m]	E <sub>0</sub> [lx]	E <sub>10%</sub> [lx]	E <sub>5%</sub> [lx]
0.5	1.39 1.25	10137 1016	84.2° 81.4°	1234
1.0	2.77 2.51	2534 264	84.2° 81.4°	308
1.5	4.16 3.76	1128 113	84.2° 81.4°	137
2.0	5.55 5.01	634 63	84.2° 81.4°	77
2.5	6.93 6.26	406 41	84.2° 81.4°	49
3.0	8.32 7.52	282 28	84.2° 81.4°	34

Distance [m] Cone diameter [m] Illuminance [lx]  
 C0 - C180 (Half beam angle: 102.8°)  
 C90 - C270 (Half beam angle: 109.4°)



## TECHNICAL DRAWINGS

