

## Resisto GRP

Resisto GRP 1500 IP66 7000lm 840

0010317



### Product features

- Resisto GRP, integrated LED weatherproof luminaire, with smooth body finish optimized for LEDs with flat diffuser, easy to handle. Stainless steel diffuser clips and fixing brackets for surface mounting. The luminaire benefits from a water and dust resistant GRP body and PMMA diffuser. 7000lm; 51W; 137lm/W; 4000K; SDCM<4; non dimmable; CRI80; IP66; IK02; Class I; 72,000hrs (L80B20) lifespan; 1454mm x 90mm x 120mm; D-mark.



## PRODUCT OVERVIEW

Product name	Resisto GRP 1500 IP66 7000lm 840
Technology	LED
Mount	Ceiling surface mounting
General application	Logistics & Industry
ETIM Class	EC002892
E-number FI	4357082
Warranty	5 years
Fixture luminous flux (lm)	7000
Luminaire efficacy (lm/W)	137
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM4
Beam Angle (°)	120
Photobiological Risk Group	RG1
Total power consumption (W)	51
Electrical protection	Class I
Dimmable	No
Dimming method	N/A
Housing colour	Grey
IP rating	IP66
IK rating	IK02
Product EAN number	5410288103174

## DATA TABLE

### General data

Product name	Resisto GRP 1500 IP66 7000lm 840
Technology	LED
Mount	Ceiling surface mounting
General application	Logistics & Industry
Operating temperature range (°C)	-20°C...+45°C

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Performance ambient temperature Tq (°C)	25
ETIM Class	EC002892
E-number FI	4357082
Warranty	5 years

### Optical data

Fixture luminous flux (lm)	7000
Luminaire efficacy (lm/W)	137
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM4
Beam Angle (°)	120
Photobiological Risk Group	RG1

### Electrical data

Total power consumption (W)	51
Mains voltage (V)	220-240V
Lamp power factor	1
Electrical protection	Class I
No. Of switching cycles before premature failures	>950000
Dimmable	No
Dimming method	N/A
Drive current (mA)	350
Inrush Current (A)	29.9
Inrush Duration (µs)	220
Glow Wire Test (°C)	650
Energy Efficiency Class (A->G) of contained light source	D
Nominal Frequency (Hz)	50/60Hz
Max. Luminaires per 10A C Breaker	24
Max. Luminaires per 13A C Breaker	21
Max. Luminaires per 16A C Breaker	38
Max. Luminaires per 20A C Breaker	33
Max. Luminaires per 10A B Breaker	15
Max. Luminaires per 13A B Breaker	12
Max. Luminaires per 16A B Breaker	16
Max. Luminaires per 20A B Breaker	20

### Lifetime data

Lifespan L70 B50	72000
Lifespan L80 B20	72000
Lifespan L90 B10	30000

### Physical data

Housing colour	Grey
IP rating	IP66
IK rating	IK02

## Resisto GRP

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Nominal Product Length (mm)	1454
Nominal Product Width (mm)	90
Nominal Product Height (mm)	120
Weight (kg)	2.151

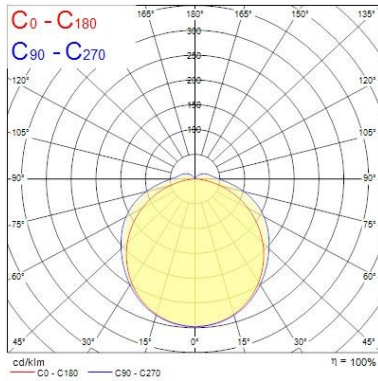
### Packaging

Single packaging type	Carton
Product EAN number	5410288103174
Packaging single length / height (cm)	152.8
Packaging single width (cm)	10.7
Packaging single depth (cm)	8.5
DUN14 (outer)	05410288103174
Units per outer package	1
Packaging outer length / height (cm)	1.0
Packaging outer width (cm)	1.0
Packaging outer depth (cm)	1.0

### Safety data

Optimal operating condition (°C)	-20-45
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## PHOTOMETRY



Distance [m]	Cone diameter [m]	E <sub>0°</sub> [lx]	E <sub>10°</sub> [lx]	E <sub>30°</sub> [lx]	E <sub>45°</sub> [lx]
0.5	2.04 1.44	8390	63.9° 358	55.2° 752	
1.0	4.08 2.88	2097	63.9° 89	55.2° 196	
1.5	6.12 4.32	902	63.9° 40	55.2° 87	
2.0	8.17 5.76	524	63.9° 22	55.2° 48	
2.5	10.21 7.19	336	63.9° 14	55.2° 31	
3.0	12.25 8.63	233	63.9° 10	55.2° 22	

Distance [m]      Cone diameter [m]      Illuminance [lx]  
 — C0 - C180 (Half beam angle: 110.4°)      — C90 - C270 (Half beam angle: 127.8°)

## TECHNICAL DRAWINGS

