

## Resisto fixed output

Resisto 1500 IP66 4000lm 830

0010240



### 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. 4000lm; 30W; 133lm/W; 3000K; SDCM<5; non dimmable; CRI80; IP66; IK08; Class I; 69,000hrs (L80B20) lifespan; 1500mm x 89mm x 88mm; D-mark.



### PRODUCT OVERVIEW

Product name	Resisto 1500 IP66 4000lm 830
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	4357053
Warranty	5 years
Fixture luminous flux (lm)	4000
Luminaire efficacy (lm/W)	133
Colour temperature (K)	3000
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM5
Colour Consistency (SDCM)	5
Beam Angle (°)	110
Glare control	< 23
Photobiological Risk Group	RG1
Total power consumption (W)	30
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	5410288102405

### DATA TABLE

#### General data

Product name	Resisto 1500 IP66 4000lm 830
Technology	LED
Cap/Base	N/A

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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
E-number FI	4357053
Warranty	5 years

### Optical data

Fixture luminous flux (lm)	4000
Luminaire efficacy (lm/W)	133
Colour temperature (K)	3000
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM5
Colour Consistency (SDCM)	5
Beam Angle (°)	110
Distribution type	Diffuse
Glare control	< 23
Photobiological Risk Group	RG1

### Electrical data

Total power consumption (W)	30
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
Drive current (mA)	350
Inrush Current (A)	5.5
Inrush Duration (µs)	20
Glow Wire Test (°C)	850
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. Luminaires per 10A C Breaker	41
Max. Luminaires per 13A C Breaker	53
Max. Luminaires per 16A C Breaker	65
Max. Luminaires per 20A C Breaker	82
Max. Luminaires per 10A B Breaker	41
Max. Luminaires per 13A B Breaker	53
Max. Luminaires per 16A B Breaker	65
Max. Luminaires per 20A B Breaker	82

### Lifetime data

Lifespan L70 B50	100000
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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)	1.87

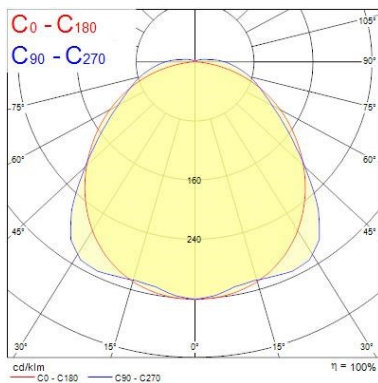
### Packaging

Single packaging type	Carton
Product EAN number	5410288102405
Packaging single length / height (cm)	150.5
Packaging single width (cm)	10.0
Packaging single depth (cm)	8.5
DUN14 (outer)	05410288102405
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)	-20-40
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## PHOTOMETRY



Distance [m]	Cone diameter [m]	E <sub>0</sub> [lx]	E <sub>10%</sub> [lx]	E <sub>5%</sub> [lx]
0.5	1.32 1.43	5145	599	488
1.0	2.63 2.86	1288	142	122
1.5	3.95 4.28	572	63	54
2.0	5.27 5.71	322	36	30
2.5	6.59 7.14	206	23	19
3.0	7.90 8.57	143	16	14

Distance [m]      Cone diameter [m]      Illuminance [lx]  
 C0 - C180 (Half beam angle: 110.0°)  
 C90 - C270 (Half beam angle: 105.6°)

## TECHNICAL DRAWINGS

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