

Resisto fixed output

Resisto 1500 IP66 8500lm 830

0010242



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. 8500lm; 61W; 139lm/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 8500lm 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	4357055
Warranty	5 years
Fixture luminous flux (lm)	8500
Luminaire efficacy (lm/W)	139
Colour temperature (K)	3000
CRI (Ra)	80
Colour Consistency (SDCM)	5
Colour Variation Initial (SDCM)	SDCM5
Beam Angle (°)	110
Glare control	< 25
Photobiological Risk Group	RG1
Total power consumption (W)	61
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	5410288102429

DATA TABLE

General data

Product name	Resisto 1500 IP66 8500lm 830
Technology	LED

Resisto fixed output Resisto 1500 IP66 8500lm 830 0010242

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
E-number FI	4357055
Warranty	5 years

Optical data

Fixture luminous flux (lm)	8500
Luminaire efficacy (lm/W)	139
Colour temperature (K)	3000
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

Electrical data

Total power consumption (W)	61
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
Nominal Frequency (Hz)	50/60Hz
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

Resisto fixed output

Resisto 1500 IP66 8500lm 830
0010242

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)	1.95

Packaging

Single packaging type	Carton
Product EAN number	5410288102429
Packaging single length / height (cm)	150.5
Packaging single width (cm)	10.0
Packaging single depth (cm)	8.5
DUN14 (outer)	05410288102429
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

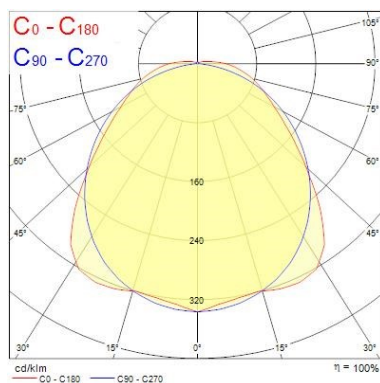
Optimal operating condition (°C)	-20-40
----------------------------------	--------

PHOTOMETRY

Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	1.37 1.24	E(0°) 11448 E(C90) 1182 E(C0) 1421
1.0	2.73 2.48	E(0°) 2861 E(C90) 83.8° 296 E(C0) 81.1° 366
1.5	4.10 3.72	E(0°) 1272 E(C90) 83.8° 131 E(C0) 81.1° 158
2.0	5.47 4.96	E(0°) 715 E(C90) 83.8° 74 E(C0) 81.1° 89
2.5	6.83 6.20	E(0°) 458 E(C90) 83.8° 41 E(C0) 81.1° 51
3.0	8.20 7.44	E(0°) 318 E(C90) 83.8° 33 E(C0) 81.1° 39

Distance [m] Cone diameter [m] illuminance [lx]

— C0 - C180 (Half beam angle: 102.2°)
— C90 - C270 (Half beam angle: 107.6°)



Resisto fixed output

Resisto 1500 IP66 8500Im 830

0010242

TECHNICAL DRAWINGS

