

Resisto fixed output
Resisto 600 IP66 1600lm 865
0010204



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. 1600lm; 12W; 133lm/W; 6500K; SDCM<5; non dimmable; CRI80; IP66; IK08; Class I; 69,000hrs (L80B20) lifespan; 650mm x 89mm x 88mm; D-mark.



PRODUCT OVERVIEW

Product name	Resisto 600 IP66 1600lm 865
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	4357038
Warranty	5 years
Fixture luminous flux (lm)	1600
Luminaire efficacy (lm/W)	133
Colour temperature (K)	6500
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM5
Colour Consistency (SDCM)	5
Beam Angle (°)	110
Glare control	< 22
Photobiological Risk Group	RG1
Total power consumption (W)	12
Electrical protection	Class I
Control gear type	LED driver constant current
Dimmable	No
Dimming method	N/A
LED Flickering Rate	Low (6% - 20%)
Housing colour	Grey
IP rating	IP66
IK rating	IK08
Product EAN number	5410288102047

DATA TABLE

General data	
Product name	Resisto 600 IP66 1600lm 865
Technology	LED

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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	4357038
Warranty	5 years

Optical data

Fixture luminous flux (lm)	1600
Luminaire efficacy (lm/W)	133
Colour temperature (K)	6500
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

Electrical data

Total power consumption (W)	12
Mains voltage (V)	220-240V
Lamp power factor	0.9
THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x %	15
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)	8
Inrush Duration (µs)	60
Glow Wire Test (°C)	850
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Low (6% - 20%)
Max. Luminaires per 10A C Breaker	120
Max. Luminaires per 13A C Breaker	160
Max. Luminaires per 16A C Breaker	200
Max. Luminaires per 20A C Breaker	240
Max. Luminaires per 10A B Breaker	120
Max. Luminaires per 13A B Breaker	160
Max. Luminaires per 16A B Breaker	200
Max. Luminaires per 20A B Breaker	240

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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)	650
Nominal Product Width (mm)	87
Nominal Product Height (mm)	80
Weight (kg)	0.88

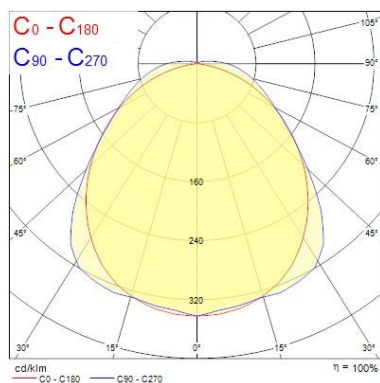
Packaging

Single packaging type	Carton
Product EAN number	5410288102047
Packaging single length / height (cm)	65.5
Packaging single width (cm)	10.0
Packaging single depth (cm)	8.5
DUN14 (outer)	05410288102047
Units per outer package	1
Packaging outer length / height (cm)	65.5
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]	Beam angle [°]	Beam diameter [m]	Illuminance [lx]
0.5	1.24 1.25	102.8° 102.4°	2191 220	256
1.0	2.49 2.51	102.8° 102.4°	548 55	64
1.5	3.73 3.76	102.8° 102.4°	243 30	28
2.0	4.97 5.01	102.8° 102.4°	137 11	17
2.5	6.22 6.26	102.8° 102.4°	88 11	11
3.0	7.46 7.52	102.8° 102.4°	61 8	7

Distance [m]
Cone diameter [m]
C0 - C180 (Half beam angle: 102.8°)
C90 - C270 (Half beam angle: 102.4°)
Illuminance [lx]

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TECHNICAL DRAWINGS

