

Resisto fixed output

Resisto 600 IP66 1600lm 840
0010202



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; 4000K; 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 840
Technology	LED
Housing	PC Polycarbonate
General application	Logistics & Industry
ETIM Class	EC002892
E-number FI	4357036
Warranty	5 years
Fixture luminous flux (lm)	1600
Luminaire efficacy (lm/W)	133
Colour temperature (K)	4000
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)	12.0
Electrical protection	Class I
Dimmable	No
LED Flickering Rate	Low (6% - 20%)
Housing colour	Grey
IP rating	IP66
IK rating	IK08
Product EAN number	5410288102023
Dimming method	N/A

DATA TABLE

General data

Product name	Resisto 600 IP66 1600lm 840
Technology	LED
Housing	PC Polycarbonate
General application	Logistics & Industry
Operating temperature range (°C)	-20°C...+40°C

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Performance ambient temperature Tq (°C)	25
ETIM Class	EC002892
E-number FI	4357036
Warranty	5 years

Optical data

Fixture luminous flux (lm)	1600
Luminaire efficacy (lm/W)	133
Colour temperature (K)	4000
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)	12.0
Mains voltage (V)	220-240V
Lamp power factor	1
THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x %	15
Electrical protection	Class I
No. Of switching cycles before premature failures	>50000
Dimmable	No
Drive current (mA)	350
Inrush Current (A)	8
Inrush Duration (µs)	60
Glow Wire Test (°C)	850
Energy Efficiency Class (A->G) of contained light source	C
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	100
Max. Luminaires per 13A B Breaker	130
Max. Luminaires per 16A B Breaker	160
Max. Luminaires per 20A B Breaker	200

Lifetime data

Lifespan L70 B50	100000
Lifespan L80 B20	69000
Lifespan L90 B10	31000

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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)	0.85

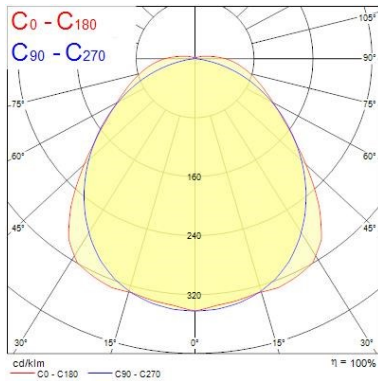
Packaging

Single packaging type	Carton
Product EAN number	5410288102023
Packaging single length / height (cm)	65.5
Packaging single width (cm)	10.0
Packaging single depth (cm)	8.5
DUN14 (outer)	15410288102020
Units per outer package	12
Packaging outer length / height (cm)	67.0
Packaging outer width (cm)	36.0
Packaging outer depth (cm)	32.0

Safety data

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



Distance [m]	Cone diameter [m]	E _{0°} [lx]	E _{1.4°} [lx]	E _{1.2°} [lx]
0.5	1.25	2191	266	270
	1.24			
1.0	2.51	548	67	68
	2.49			
1.5	3.76	240	30	30
	3.73			
2.0	5.01	137	17	17
	4.97			
2.5	6.26	88	11	11
	6.22			
3.0	7.52	61	7	7
	7.46			

Distance [m] Cone diameter [m] Illuminance [lx]

— C0 - C180 (Half beam angle: 102.4°)
— C90 - C270 (Half beam angle: 102.8°)

TECHNICAL DRAWINGS

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