

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. 5050lm; 36W; 140lm/W; 4000K; SDCM<5; non dimmable; CRI80; IP66; IK08; Class I; 69,000hrs (L80B20) lifespan; 1200mm x 89mm x 88mm; D-mark; microwave motion sensor corridor function with infinite stand-by time and 10% stand-by level.

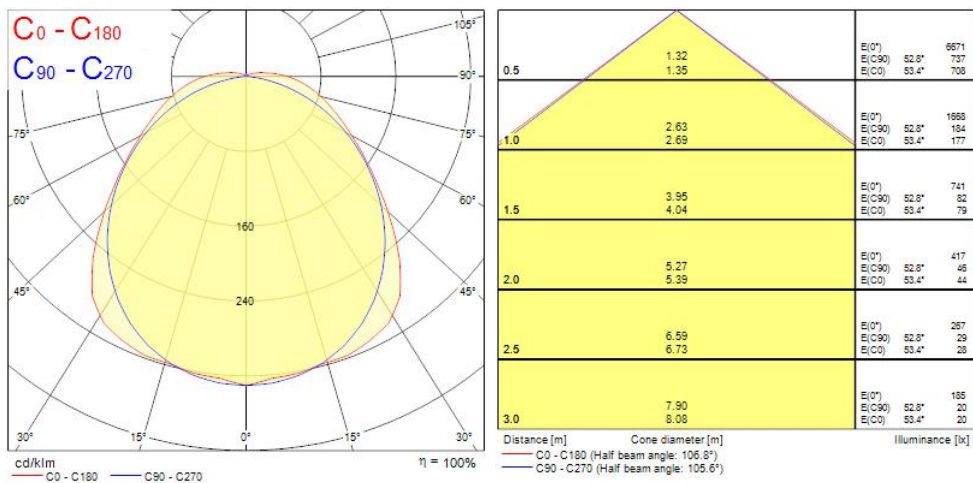
Product Overview

Product name	RESISTO 1200 IP66 MWCORINF 5000LM 840
Technology	LED
Cap/Base	PGZ12
Housing	PC Polycarbonate
Mount	Ceiling recessed mounting, Wall surface mounted
General application	Logistics & Industry
ETIM Class	EC002892
Fixture luminous flux (lm)	5050
Luminaire efficacy (lm/W)	140
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Consistency (SDCM)	5
Colour Variation Initial (SDCM)	5
Beam Angle (°)	110
Glare control	< 24
Photobiological Risk Group	RG1
Total power consumption (W)	36

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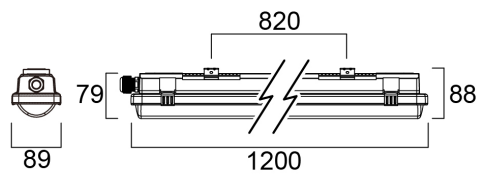
Electrical protection	Class I
Control gear type	LED driver constant current
Dimmable	Yes
Minimum dimming level (%)	10
LED Flickering Rate	Ultra low (5% or less)
Housing colour	Grey
IP rating	IP66
IK rating	IK08
Product EAN number	5410288103235
Warranty	5 years
Dimming method	Other

Photometry



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Technical drawings



Data table

GENERAL DATA

Product name	RESISTO 1200 IP66 MWCORINF 5000LM 840
Technology	LED
Cap/Base	PGZ12
Housing	PC Polycarbonate
Mount	Ceiling recessed mounting, Wall surface mounted
General application	Logistics & Industry
Operating temperature range (°C)	-20°C...+40°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC002892
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	5050
Luminaire efficacy (lm/W)	140
Correlated colour temperature (k)	4000

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Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	5
Colour Consistency (SDCM)	5
Beam Angle (°)	110
Distribution type	Diffuse
Glare control	< 24
Photobiological Risk Group	RG1

ELECTRICAL DATA

Total power consumption (W)	36
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
THD (at 230 V, 50 Hz, full load, at 100% dimming level) $\leq$ xx.x %	20
Electrical protection	Class I
Control gear required	No
Control gear type	LED driver constant current
No. Of switching cycles before premature failures	>50000
Dimmable	Yes
Dimming method	Other
Minimum dimming level (%)	10
Drive current (mA)	350
Inrush Current (A)	29
Inrush Duration (µs)	180
Energy Efficiency Class (A->G) of contained light source	D
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. products per 10A C Breaker	21
Max. products per 13A C Breaker	28
Max. products per 16A C Breaker	36
Max. products per 20A C Breaker	45
Max. products per 10A B Breaker	13

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Max. products per 13A B Breaker	17
Max. products per 16A B Breaker	22
Max. products per 20A B Breaker	27
Connectable conductor cross section - Max (mm²)	2.5

LIFETIME DATA

Lifespan L70 B50	100000
Lifespan L70 B20	100000
Lifespan L70 B10	100000
Lifespan L80 B50	74000
Lifespan L80 B20	69000
Lifespan L80 B10	66000
Lifespan L90 B50	35000
Lifespan L90 B20	33000
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)	1200
Nominal Product Width (mm)	87
Nominal Product Height (mm)	80
Weight (kg)	1.64

PACKAGING

Product EAN number	5410288103235
Packaging single length / height (cm)	120.5
Packaging single width (cm)	10.0
Packaging single depth (cm)	8.5
DUN14 (inner)	05410288103235



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Units per outer package	1
Packaging outer length / height (cm)	120.5
Packaging outer width (cm)	10.0
Packaging outer depth (cm)	8.5

SAFETY DATA

Glow Wire Test (°C)	850
Optimal operating condition (°C)	-20-40
Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No