

### 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. 2800lm; 20W; 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.

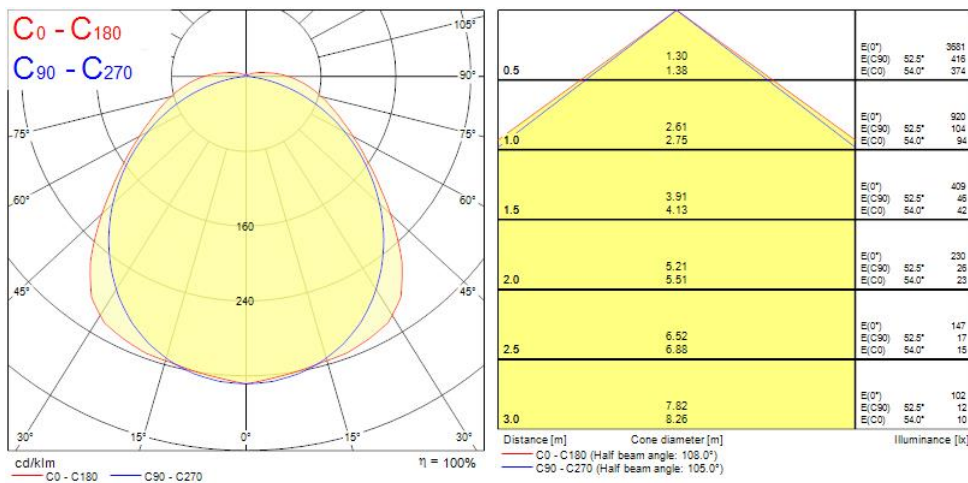
### Product Overview

<b>Product name</b>	RESISTO 1200 IP66 MWCORINF 2800LM 840
<b>Technology</b>	LED
<b>Cap/Base</b>	N/A
<b>Housing</b>	PC Polycarbonate
<b>Mount</b>	Ceiling recessed mounting, Wall surface mounted
<b>General application</b>	Logistics & Industry
<b>ETIM Class</b>	EC002892
<b>Fixture luminous flux (lm)</b>	2800
<b>Luminaire efficacy (lm/W)</b>	140
<b>Correlated colour temperature (k)</b>	4000
<b>Light colour</b>	Neutral White
<b>CRI (Ra)</b>	80
<b>Colour Consistency (SDCM)</b>	5
<b>Colour Variation Initial (SDCM)</b>	5
<b>Beam Angle (°)</b>	110
<b>Glare control</b>	< 22
<b>Photobiological Risk Group</b>	RG1
<b>Total power consumption (W)</b>	20

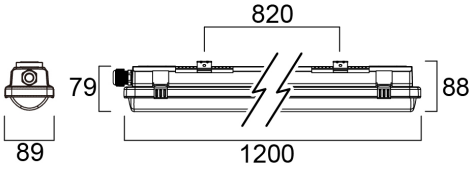
## RESISTO 1200 IP66 MWCORINF 2800LM 840 0010322

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	5410288103228
Warranty	5 years
Dimming method	Other
Useful luminous flux (#use)	2800

### Photometry



### Technical drawings



### Data table

#### GENERAL DATA

Product name	RESISTO 1200 IP66 MWCORINF 2800LM 840
Technology	LED
Cap/Base	N/A
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

Useful luminous flux (#use)	2800
Fixture luminous flux (lm)	2800
Luminaire efficacy (lm/W)	140

## RESISTO 1200 IP66 MWCORINF 2800LM 840 0010322

Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Consistency (SDCM)	5
Colour Variation Initial (SDCM)	5
Beam Angle (°)	110
Distribution type	Diffuse
Glare control	< 22
Photobiological Risk Group	RG1

### ELECTRICAL DATA

Total power consumption (W)	20
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 ( $\mu$ s)	180
Glow Wire Test (°C)	850
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

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Max. products per 20A C Breaker	45
Max. products per 10A B Breaker	13
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 (mm <sup>2</sup> )	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)	1.59

### PACKAGING

Product EAN number	5410288103228
Packaging single length / height (cm)	120.5
Packaging single width (cm)	10.0

## RESISTO 1200 IP66 MWCORINF 2800LM 840 0010322

Packaging single depth (cm)	8.5
DUN14 (outer)	05410288103228
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

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