

### 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. 2900 - 5050lm (selected by DIP switches); 21 - 36W; 138 - 139lm/W; 4000K; SDCM<5; non dimmable; CRI80; IP66; IK08; Class I; 69,000hrs (L80B20) lifespan; 1200mm x 89mm x 88mm; D-mark.

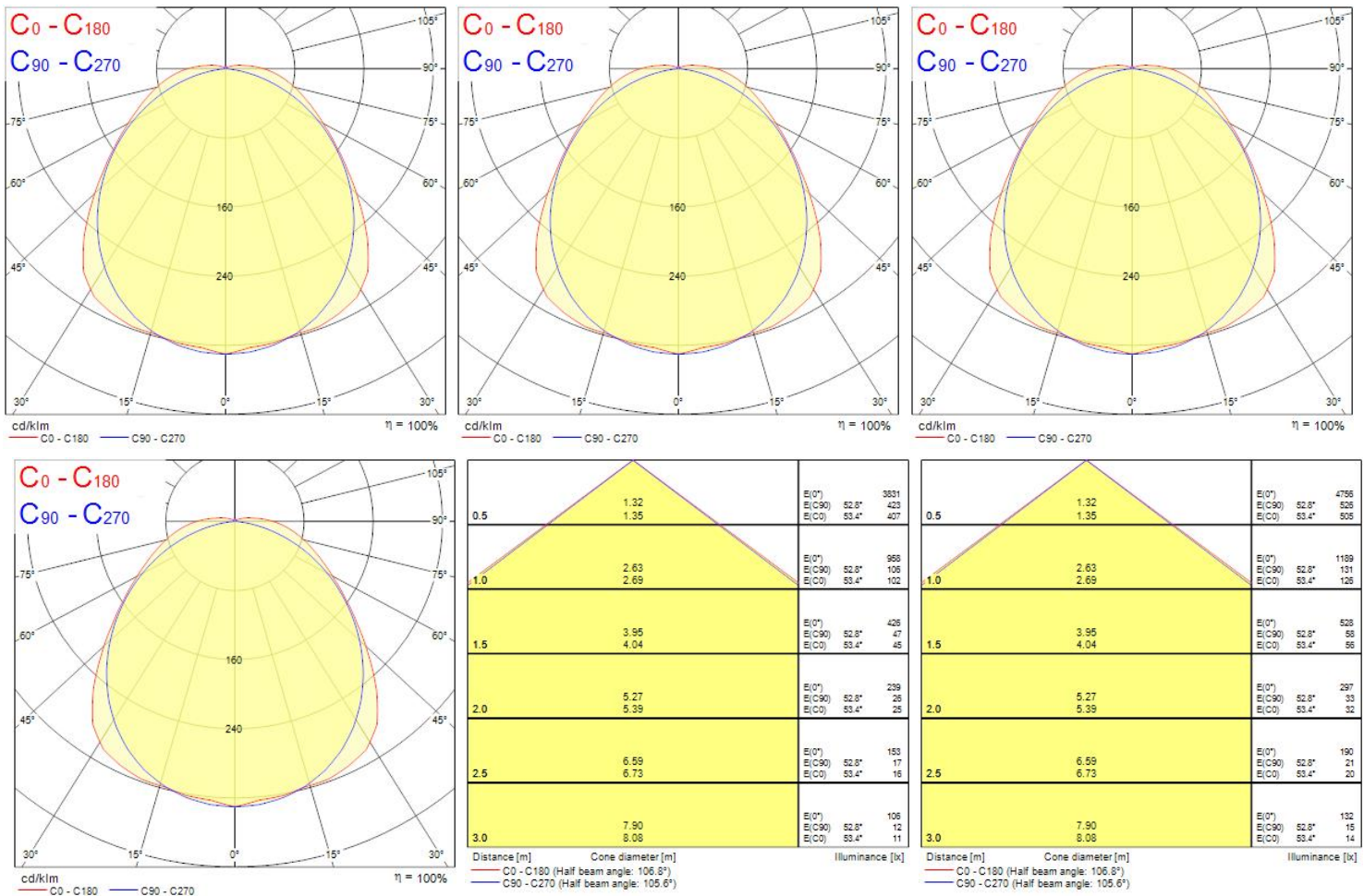
### Product Overview

Product name	RESISTO 1200 IP66 2900-5000LM 840
Technology	LED
Cap/Base	N/A
Housing	PC Polycarbonate
Mount	Ceiling surface mounting, Suspended, 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

## RESISTO 1200 IP66 2900-5000LM 840 0010327

Electrical protection	Class I
Control gear type	LED driver constant current
Dimmable	No
LED Flickering Rate	Ultra low (5% or less)
Housing colour	Grey
IP rating	IP66
IK rating	IK08
Product EAN number	5410288103273
Warranty	5 years
Dimming method	N/A
Useful luminous flux (#use)	5050

### Photometry



## RESISTO 1200 IP66 2900-5000LM 840 0010327



### Data table

#### GENERAL DATA

Product name	RESISTO 1200 IP66 2900-5000LM 840
Technology	LED
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
Warranty	5 years

#### OPTICAL DATA

Useful luminous flux (#use)	5050
Fixture luminous flux (lm)	5050
Luminaire efficacy (lm/W)	140
Correlated colour temperature (k)	4000
Light colour	Neutral White

## RESISTO 1200 IP66 2900-5000LM 840 0010327

CRI (Ra)	80
Colour Consistency (SDCM)	5
Colour Variation Initial (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
Lamp power factor	1
THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ 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	No
Dimming method	N/A
Drive current (mA)	350
Inrush Current (A)	5.5
Inrush Duration (µs)	20
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	41
Max. products per 13A C Breaker	53
Max. products per 16A C Breaker	65
Max. products per 20A C Breaker	82
Max. products per 10A B Breaker	41

## RESISTO 1200 IP66 2900-5000LM 840 0010327

Max. products per 13A B Breaker	53
Max. products per 16A B Breaker	65
Max. products per 20A B Breaker	82
Connectable conductor cross section - Max (mm <sup>2</sup> )	2.5

### 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)	1200
Nominal Product Width (mm)	87
Nominal Product Height (mm)	80
Weight (kg)	1.32

### PACKAGING

Product EAN number	5410288103273
Packaging single length / height (cm)	120.5
Packaging single width (cm)	10.0
Packaging single depth (cm)	8.5
DUN14 (inner)	15410288103270
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

RESISTO 1200 IP66 2900-5000LM 840  
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Optimal operating condition (°C)	-20-40
Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No