

### 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. 1425 - 2500lm (selected by DIP switches); 9.5 - 16W; 150 - 159lm/W; 4000K; SDCM<3; non dimmable; CRI80; IP66; IK08; Class I; 69,000hrs (L80B20) lifespan; 650mm x 89mm x 88mm; D-mark.

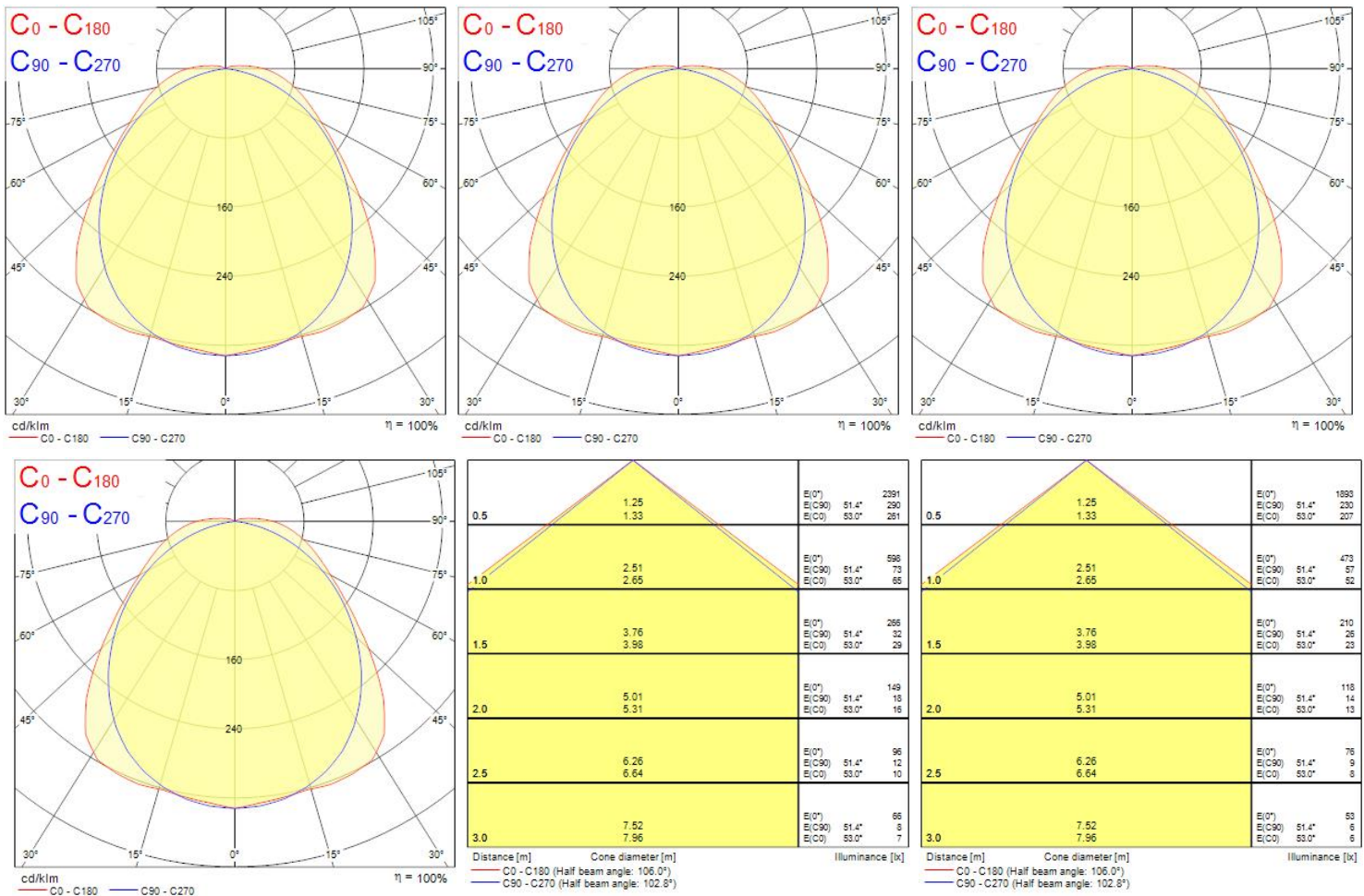
### Product Overview

Product name	RESISTO 600 HE IP66 1425-2500LM 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)	2500
Luminaire efficacy (lm/W)	156
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Consistency (SDCM)	3
Colour Variation Initial (SDCM)	3
Beam Angle (°)	110
Glare control	< 24
Photobiological Risk Group	RG1
Total power consumption (W)	16

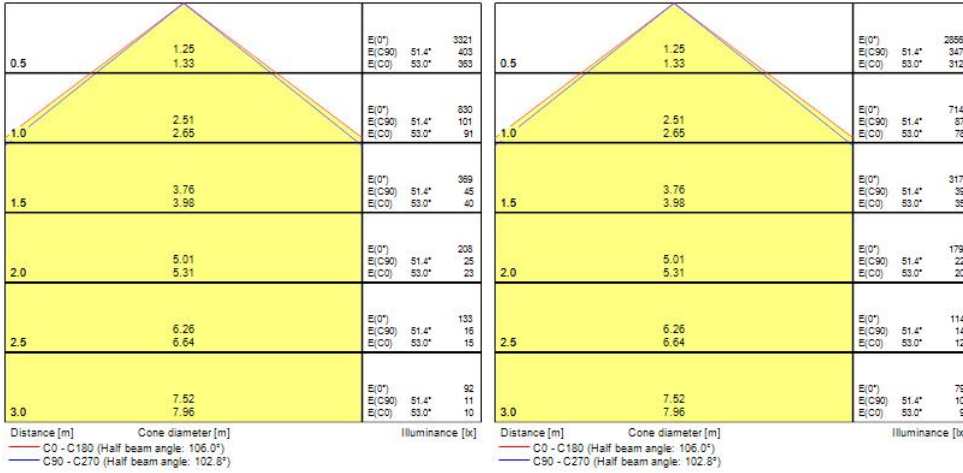
## RESISTO 600 HE IP66 1425-2500LM 840 0010329

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	5410288103297
Warranty	5 years
Dimming method	N/A
Useful luminous flux (#use)	2500

### Photometry



## RESISTO 600 HE IP66 1425-2500LM 840 0010329



### Data table

#### GENERAL DATA

<b>Product name</b>	RESISTO 600 HE IP66 1425-2500LM 840
<b>Technology</b>	LED
<b>Cap/Base</b>	N/A
<b>Housing</b>	PC Polycarbonate
<b>Mount</b>	Ceiling surface mounting, Suspended, Wall surface mounted
<b>General application</b>	Logistics & Industry
<b>Operating temperature range (°C)</b>	-20°C...+40°C
<b>Performance ambient temperature Tq (°C)</b>	25
<b>ETIM Class</b>	EC002892
<b>Warranty</b>	5 years

#### OPTICAL DATA

<b>Useful luminous flux (#use)</b>	2500
<b>Fixture luminous flux (lm)</b>	2500
<b>Luminaire efficacy (lm/W)</b>	156
<b>Correlated colour temperature (k)</b>	4000
<b>Light colour</b>	Neutral White

## RESISTO 600 HE IP66 1425-2500LM 840 0010329

CRI (Ra)	80
Colour Consistency (SDCM)	3
Colour Variation Initial (SDCM)	3
Beam Angle (°)	110
Distribution type	Diffuse
Glare control	< 24
Photobiological Risk Group	RG1

### ELECTRICAL DATA

Total power consumption (W)	16
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
Lamp power factor	0.95
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)	6.1
Inrush Duration (µs)	18
Glow Wire Test (°C)	850
Energy Efficiency Class (A->G) of contained light source	C
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. products per 10A C Breaker	60
Max. products per 13A C Breaker	79
Max. products per 16A C Breaker	97
Max. products per 20A C Breaker	121
Max. products per 10A B Breaker	60

## RESISTO 600 HE IP66 1425-2500LM 840 0010329

Max. products per 13A B Breaker	79
Max. products per 16A B Breaker	97
Max. products per 20A B Breaker	121
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)	650
Nominal Product Width (mm)	87
Nominal Product Height (mm)	80
Weight (kg)	0.85

### PACKAGING

Product EAN number	5410288103297
Packaging single length / height (cm)	65.5
Packaging single width (cm)	10.0
Packaging single depth (cm)	8.5
DUN14 (inner)	05410288103297
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

RESISTO 600 HE IP66 1425-2500LM 840  
**0010329**

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