



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. 7100lm; 50W; 142lm/W; 4000K; SDCM<3; non dimmable; CRI80; IP66; IK08; Class I; 69,000hrs (L80B20) lifespan; 1500mm x 89mm x 88mm; D-mark; 3-hour LiFePO4 maintained emergency batteries (600lm emergency lm output).

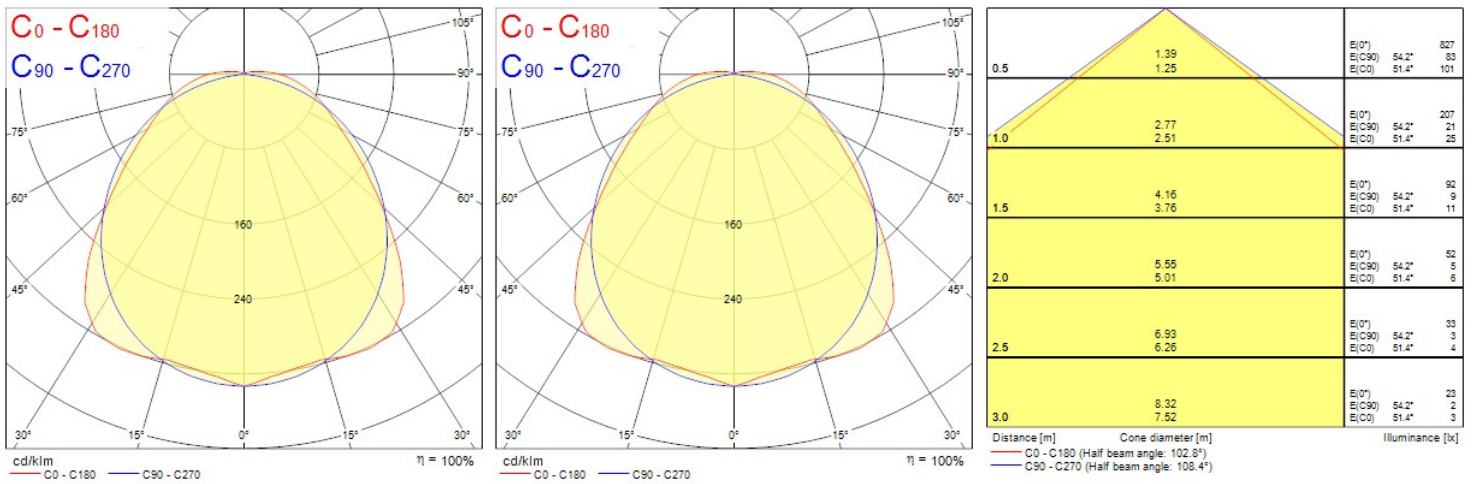
Product Overview

Product name	RESISTO 1500 HE IP66 7100LM 840 EM
Technology	LED
Cap/Base	N/A
Housing	PC Polycarbonate
Mount	Ceiling surface mounting, Suspended, Wall surface mounted
General application	Logistics & Industry
ETIM Class	EC002892
E-number FI	4357174
Fixture luminous flux (lm)	7100
Luminaire efficacy (lm/W)	142
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Beam Angle (°)	110
Glare control	< 22
Photobiological Risk Group	RG1

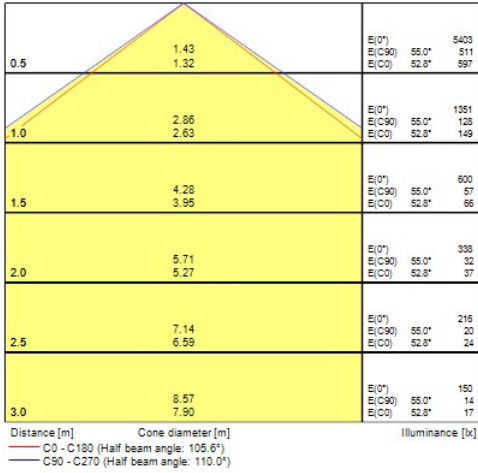
RESISTO 1500 HE IP66 7100LM 840 EM 0010350

Luminous flux (emergency) (lm)	670
Total power consumption (W)	50
Electrical protection	Class I
Control gear type	LED driver constant current
Dimmable	No
Housing colour	Grey
IP rating	IP66
IK rating	IK08
Product EAN number	5410288103501
Warranty	5 years
Dimming method	N/A

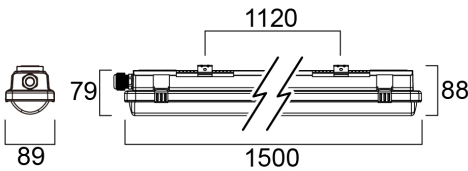
Photometry



RESISTO 1500 HE IP66 7100LM 840 EM 0010350



Technical drawings



Data table

GENERAL DATA

Product name	RESISTO 1500 HE IP66 7100LM 840 EM
Technology	LED
Cap/Base	N/A
Housing	PC Polycarbonate

RESISTO 1500 HE IP66 7100LM 840 EM 0010350

Mount	Ceiling surface mounting, Suspended, Wall surface mounted
General application	Logistics & Industry
Operating temperature range (°C)	5°C...+40°C
ETIM Class	EC002892
E-number FI	4357174
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	7100
Luminaire efficacy (lm/W)	142
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Beam Angle (°)	110
Distribution type	Diffuse
Glare control	< 22
Photobiological Risk Group	RG1
Luminous flux (emergency) (lm)	670
Emergency duration (h)	3

ELECTRICAL DATA

Total power consumption (W)	50
Primary Supply/Product voltage - min (V)	220.0
Primary Supply/Product voltage - max (V)	240.0
Lamp power factor	0.9
THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x %	15
Electrical protection	Class I
Control gear required	No
Control gear type	LED driver constant current
Dimmable	No
Dimming method	N/A

RESISTO 1500 HE IP66 7100LM 840 EM 0010350

Inrush Current (A)	28
Inrush Duration (μ s)	150
Energy Efficiency Class (A->G) of contained light source	C
Nominal Frequency (Hz)	50/60Hz
Max. products per 10A C Breaker	22
Max. products per 16A C Breaker	37
Max. products per 16A B Breaker	22
Connectable conductor cross section - Max (mm ²)	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)	1500
Nominal Product Width (mm)	87
Nominal Product Height (mm)	80
Weight (kg)	2.5

PACKAGING

RESISTO 1500 HE IP66 7100LM 840 EM 0010350

Product EAN number	5410288103501
Packaging single length / height (cm)	150.5
Packaging single width (cm)	10.0
Packaging single depth (cm)	8.5
Units per outer package	1
Packaging outer length / height (cm)	150.5
Packaging outer width (cm)	10.0
Packaging outer depth (cm)	8.5

SAFETY DATA

Glow Wire Test (°C)	850
Optimal operating condition (°C)	5-40
Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No