

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; 22W; 127lm/W; 4000K; SDCM<3; non dimmable; CRI80; IP66; IK08; Class I; 69,000hrs (L80B20) lifespan; 1200mm x 89mm x 88mm; D-mark; 3-hour LiFePO4 maintained emergency batteries (600lm emergency lm output).

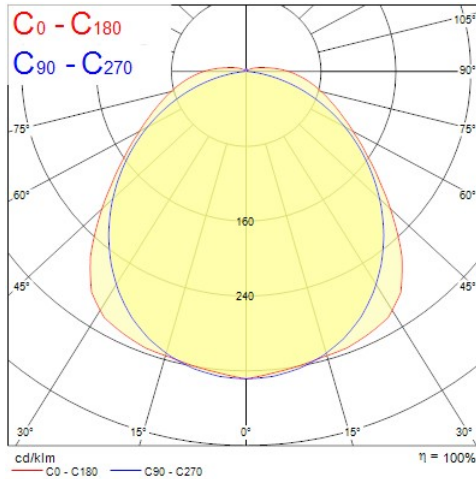
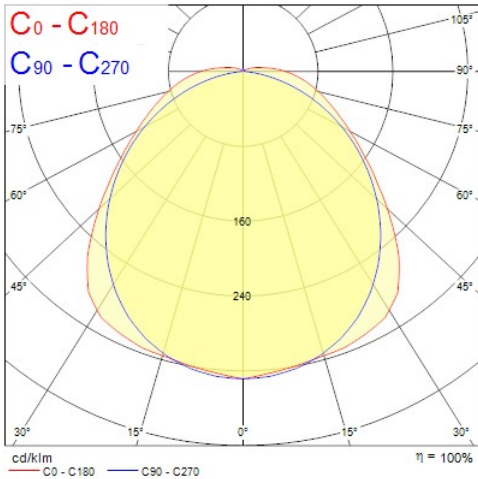
Product Overview

Product name	RESISTO 1200 HE IP66 2800LM 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
Fixture luminous flux (lm)	2800
Luminaire efficacy (lm/W)	127
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
Luminous flux (emergency) (lm)	700

RESISTO 1200 HE IP66 2800LM 840 EM 0010352

Total power consumption (W)	22
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	5410288103525
Warranty	5 years
Dimming method	N/A

Photometry



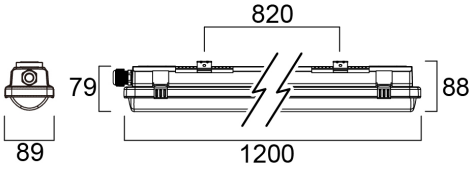
Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)	Illuminance [lx]
0.5	1.32	793	52.8°	53.4°	88
	1.35	84	52.8°	53.4°	21
1.0	2.63	198	52.8°	53.4°	22
	2.69	21	52.8°	53.4°	9
1.5	3.95	88	52.8°	53.4°	10
	4.04	9	52.8°	53.4°	5
2.0	5.27	50	52.8°	53.4°	5
	5.39	5	52.8°	53.4°	2
2.5	6.59	32	52.8°	53.4°	4
	6.73	4	52.8°	53.4°	3
3.0	7.90	22	52.8°	53.4°	2
	8.08	2	52.8°	53.4°	2

Distance [m] Cone diameter [m] Illuminance [lx]
 — C0 - C180 (Half beam angle: 105.6°)
 — C90 - C270 (Half beam angle: 105.6°)

Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)	Illuminance [lx]
0.5	1.39	10137	54.2°	51.4°	1016
	1.25	1234	54.2°	51.4°	308
1.0	2.77	2534	54.2°	51.4°	254
	2.51	308	54.2°	51.4°	137
1.5	4.16	1126	54.2°	51.4°	63
	3.76	137	54.2°	51.4°	77
2.0	5.55	534	54.2°	51.4°	41
	5.01	77	54.2°	51.4°	49
2.5	6.93	405	54.2°	51.4°	28
	6.26	49	54.2°	51.4°	34
3.0	8.32	282	54.2°	51.4°	28
	7.52	34	54.2°	51.4°	34

Distance [m] Cone diameter [m] Illuminance [lx]
 — C0 - C180 (Half beam angle: 102.8°)
 — C90 - C270 (Half beam angle: 108.4°)

Technical drawings



Data table

GENERAL DATA

Product name	RESISTO 1200 HE IP66 2800LM 840 EM
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)	5°C...+40°C
ETIM Class	EC002892
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	2800
Luminaire efficacy (lm/W)	127
Correlated colour temperature (k)	4000
Light colour	Neutral White

RESISTO 1200 HE IP66 2800LM 840 EM 0010352

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)	700
Emergency duration (h)	3

ELECTRICAL DATA

Total power consumption (W)	22
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) \leq xx.x %	15
Electrical protection	Class I
Control gear required	No
Control gear type	LED driver constant current
Dimmable	No
Dimming method	N/A
Inrush Current (A)	20.8
Inrush Duration (μ s)	24
Energy Efficiency Class (A->G) of contained light source	C
Nominal Frequency (Hz)	50/60Hz
Max. products per 10A C Breaker	50
Max. products per 16A C Breaker	80
Max. products per 16A B Breaker	80
Connectable conductor cross section - Max (mm ²)	2.5

LIFETIME DATA

Lifespan L70 B50	100000
------------------	--------

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)	2.12

PACKAGING

Product EAN number	5410288103525
Packaging single length / height (cm)	120.5
Packaging single width (cm)	10.0
Packaging single depth (cm)	8.5
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)	5-40
Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No