

Resisto HE
Resisto 1500 HE IP66 9700lm 840
0010270



Product 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. 9700lm; 60W; 162lm/W; 4000K; SDCM<3; non dimmable; CRI80; IP66; IK08; Class I; 69,000hrs (L80B20) lifespan; 1500mm x 89mm x 88mm; D-mark.



PRODUCT OVERVIEW

Product name	Resisto 1500 HE IP66 9700lm 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
E-number FI	4357070
Warranty	5 years
Fixture luminous flux (lm)	9700
Luminaire efficacy (lm/W)	162
Colour temperature (K)	4000
CRI (Ra)	80
Colour Consistency (SDCM)	3
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	110
Glare control	< 25
Photobiological Risk Group	RG1
Total power consumption (W)	60
Electrical protection	Class I
Control gear type	LED driver constant current
Dimmable	No
Dimming method	N/A
LED Flickering Rate	Ultra low (5% or less)
Housing colour	Grey
IP rating	IP66
IK rating	IK08
Product EAN number	5410288102702

DATA TABLE

General data	
Product name	Resisto 1500 HE IP66 9700lm 840
Technology	LED

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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
E-number FI	4357070
Warranty	5 years

Optical data

Fixture luminous flux (lm)	9700
Luminaire efficacy (lm/W)	162
Colour temperature (K)	4000
CRI (Ra)	80
Colour Consistency (SDCM)	3
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	110
Distribution type	Diffuse
Glare control	< 25
Photobiological Risk Group	RG1

Electrical data

Total power consumption (W)	60
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)	16
Inrush Duration (µs)	40
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	24
Max. products per 13A C Breaker	32
Max. products per 16A C Breaker	39
Max. products per 20A C Breaker	49
Max. products per 10A B Breaker	24

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Max. products per 13A B Breaker	32
Max. products per 16A B Breaker	39
Max. products per 20A B Breaker	49
Connectable conductor cross section - Max (mm ²)	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)	1500
Nominal Product Width (mm)	87
Nominal Product Height (mm)	80
Weight (kg)	1.95

Packaging

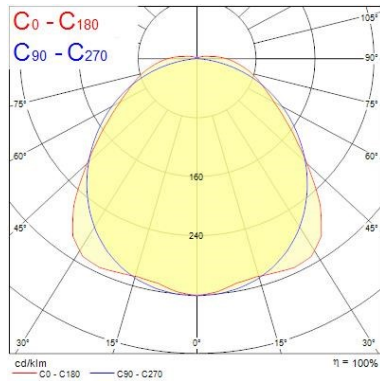
Single packaging type	Carton
Product EAN number	5410288102702
Packaging single length / height (cm)	150.5
Packaging single width (cm)	10.0
Packaging single depth (cm)	8.5
DUN14 (outer)	05410288102702
Units per outer package	1
Packaging outer length / height (cm)	150.5
Packaging outer width (cm)	10.0
Packaging outer depth (cm)	8.5

Safety data

Optimal operating condition (°C)	-20-40
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PHOTOMETRY

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Distance [m]	Cone diameter [m]	Illuminance [lx]
0.5	1.43 1.32	5071 4580 5071 4580
1.0	2.85 2.63	3118 2863 3118 2863
1.5	4.28 3.95	1368 1247 1368 1247
2.0	5.71 5.27	785 719 785 719
2.5	7.14 6.59	492 451 492 451
3.0	8.57 7.90	347 313 347 313

TECHNICAL DRAWINGS

