

Resisto Microwave

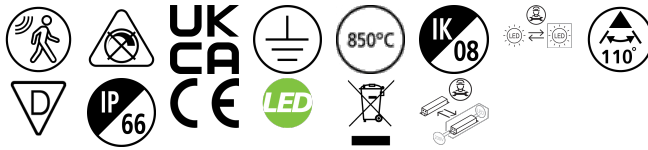
Resisto 1200 IP66 MW 4800lm 840

0010221



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. 4800lm; 35W; 137lm/W; 4000K; SDCM<5; non dimmable; CRI80; IP66; IK08; Class I; 69,000hrs (L80B20) lifespan; 1200mm x 89mm x 88mm; D-mark; MW On/Off.



NOTES

undefined

PRODUCT OVERVIEW

Product name	Resisto 1200 IP66 MW 4800lm 840
Technology	LED
Cap/Base	N/A
Housing	PC Polycarbonate
Mount	Ceiling recessed mounting, Wall surface mounted
General application	Logistics & Industry
ETIM Class	EC002892
E-number FI	4357050
Warranty	5 years
Fixture luminous flux (lm)	4800
Luminaire efficacy (lm/W)	137
Colour temperature (K)	4000
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM5
Colour Consistency (SDCM)	5
Beam Angle (°)	110
Glare control	< 24
Photobiological Risk Group	RG1
Total power consumption (W)	35
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	5410288102214

Resisto Microwave

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0010221

DATA TABLE

DataTableGroup_General

Product name	Resisto 1200 IP66 MW 4800lm 840
Technology	LED
Cap/Base	N/A
Housing	PC Polycarbonate
Mount	Ceiling recessed mounting, 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	4357050
Warranty	5 years

DataTableGroup_Optical

Fixture luminous flux (lm)	4800
Luminaire efficacy (lm/W)	137
Colour temperature (K)	4000
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM5
Colour Consistency (SDCM)	5
Beam Angle (°)	110
Distribution type	Diffuse
Glare control	< 24
Photobiological Risk Group	RG1

DataTableGroup_Electrical

Total power consumption (W)	35
Mains voltage (V)	220-240V~
THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x %	20
Electrical protection	Class I
Control gear type	LED driver constant current
No. Of switching cycles before premature failures	>50000
Dimmable	No
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. Luminaires per 10A C Breaker	41
Max. Luminaires per 13A C Breaker	53
Max. Luminaires per 16A C Breaker	65
Max. Luminaires per 20A C Breaker	82

Resisto Microwave

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0010221

Max. Luminaires per 10A B Breaker	41
Max. Luminaires per 13A B Breaker	53
Max. Luminaires per 16A B Breaker	65
Max. Luminaires per 20A B Breaker	82

DataTableGroup_Lifetime

Lifespan L70 B50	100000
Lifespan L80 B20	69000
Lifespan L90 B10	31000

DataTableGroup_Physical

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)	1.59

DataTableGroup_Packaging

Single packaging type	Carton
Product EAN number	5410288102214
Packaging single length / height (cm)	120.5
Packaging single width (cm)	10.0
Packaging single depth (cm)	8.5
DUN14 (outer)	05410288102214
Units per outer package	1
Packaging outer length / height (cm)	120.5
Packaging outer width (cm)	10.0
Packaging outer depth (cm)	8.5

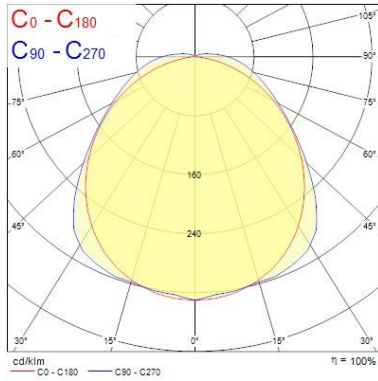
DataTableGroup_Safety

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

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0010221



Distance [m]	Cone diameter [m]	Beam diameter [m]	Beam diameter [m]	Beam diameter [m]	Illuminance [lx]
0.5	1.35	E(0°)	63.4"	6341	6341
		E(C90)	62.8"	633	633
		E(C0)	62.8"	701	701
1.0	2.69	E(0°)	63.4"	1585	1585
		E(C90)	63.4"	168	168
		E(C0)	62.8"	179	179
1.5	4.04	E(0°)	63.4"	705	705
		E(C90)	63.4"	75	75
		E(C0)	62.8"	78	78
2.0	5.39	E(0°)	63.4"	396	396
		E(C90)	63.4"	42	42
		E(C0)	62.8"	44	44
2.5	6.73	E(0°)	63.4"	254	254
		E(C90)	63.4"	27	27
		E(C0)	62.8"	28	28
3.0	8.08	E(0°)	63.4"	178	178
		E(C90)	63.4"	19	19
		E(C0)	62.8"	19	19

Distance [m] Cone diameter [m] Illuminance [lx]
 C0 - C180 (Half beam angle: 105.6°)
 C90 - C270 (Half beam angle: 106.8°)

TECHNICAL DRAWINGS

