

Resisto DALI

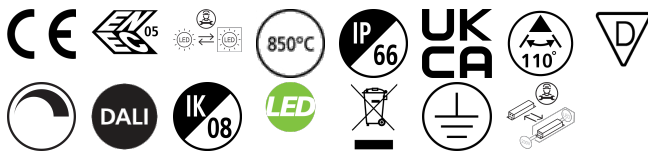
Resisto 1500 IP66 DALI 8500lm 840

0010261



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. 8500lm; 61W; 139lm/W; 4000K; SDCM<5; DALI dimmable; CRI80; IP66; IK08; Class I; 69,000hrs (L80B20) lifespan; 1500mm x 89mm x 88mm; D-mark.



PRODUCT OVERVIEW

| | |
|---------------------------------|---|
| Product name | Resisto 1500 IP66 DALI 8500lm 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 | 4357069 |
| Warranty | 5 years |
| Fixture luminous flux (lm) | 8500 |
| Luminaire efficacy (lm/W) | 139 |
| Colour temperature (K) | 4000 |
| CRI (Ra) | 80 |
| Colour Consistency (SDCM) | 5 |
| Colour Variation Initial (SDCM) | SDCM5 |
| Beam Angle (°) | 110 |
| Glare control | < 25 |
| Photobiological Risk Group | RG1 |
| Total power consumption (W) | 61 |
| Electrical protection | Class I |
| Control gear type | LED driver constant current |
| Dimmable | Yes |
| Dimming method | DALI |
| Minimum dimming level (%) | 1 |
| LED Flickering Rate | Ultra low (5% or less) |
| Housing colour | Grey |
| IP rating | IP66 |
| IK rating | IK08 |
| Product EAN number | 5410288102610 |

DATA TABLE

General data

| | |
|--------------|-----------------------------------|
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|--------------|-----------------------------------|

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| | |
|---|---|
| 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) | -20°C...+40°C |
| Performance ambient temperature Tq (°C) | 25 |
| ETIM Class | EC002892 |
| E-number FI | 4357069 |
| Warranty | 5 years |

Optical data

| | |
|---------------------------------|---------|
| Fixture luminous flux (lm) | 8500 |
| Luminaire efficacy (lm/W) | 139 |
| Colour temperature (K) | 4000 |
| CRI (Ra) | 80 |
| Colour Consistency (SDCM) | 5 |
| Colour Variation Initial (SDCM) | SDCM5 |
| Beam Angle (°) | 110 |
| Distribution type | Diffuse |
| Glare control | < 25 |
| Photobiological Risk Group | RG1 |

Electrical data

| | |
|--|-----------------------------|
| Total power consumption (W) | 61 |
| Mains voltage (V) | 220-240V |
| Lamp power factor | 0.99 |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x % | 9 |
| Electrical protection | Class I |
| Control gear type | LED driver constant current |
| No. Of switching cycles before premature failures | >50000 |
| Dimmable | Yes |
| Dimming method | DALI |
| Minimum dimming level (%) | 1 |
| Drive current (mA) | 350 |
| Inrush Current (A) | 23.1 |
| Inrush Duration (µs) | 174 |
| 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 | 21 |
| Max. Luminaires per 13A C Breaker | 28 |
| Max. Luminaires per 16A C Breaker | 35 |
| Max. Luminaires per 20A C Breaker | 45 |
| Max. Luminaires per 10A B Breaker | 13 |

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| | |
|-----------------------------------|----|
| Max. Luminaires per 13A B Breaker | 17 |
| Max. Luminaires per 16A B Breaker | 21 |
| Max. Luminaires per 20A B Breaker | 27 |

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) | 2.01 |

Packaging

| | |
|---------------------------------------|----------------|
| Single packaging type | Carton |
| Product EAN number | 5410288102610 |
| Packaging single length / height (cm) | 150.5 |
| Packaging single width (cm) | 10.0 |
| Packaging single depth (cm) | 8.5 |
| DUN14 (outer) | 05410288102610 |
| Units per outer package | 1 |
| Packaging outer length / height (cm) | 150.5 |
| Packaging outer width (cm) | 10.0 |
| Packaging outer depth (cm) | 8.5 |

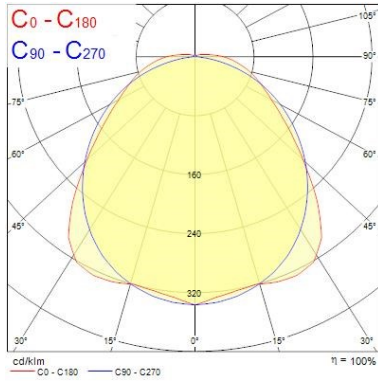
Safety data

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

PHOTOMETRY

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| Distance [m] | Cone diameter [m] | Beam angle [°] | Beam angle [°] | Beam angle [°] | Illuminance [lx] |
|--------------|-------------------|----------------|----------------|----------------|------------------|
| 0.5 | 1.37 | E(0°) | 63.8° | 1146 | |
| | 1.24 | E(C90) | 51.1° | 1152 | |
| | | E(C0) | 51.1° | 1421 | |
| 1.0 | 2.73 | E(0°) | 63.8° | 2861 | |
| | 2.48 | E(C90) | 51.1° | 296 | |
| | | E(C0) | 51.1° | 359 | |
| 1.5 | 4.10 | E(0°) | 63.8° | 1272 | |
| | 3.72 | E(C90) | 51.1° | 131 | |
| | | E(C0) | 51.1° | 158 | |
| 2.0 | 5.47 | E(0°) | 63.8° | 715 | |
| | 4.96 | E(C90) | 51.1° | 74 | |
| | | E(C0) | 51.1° | 89 | |
| 2.5 | 6.83 | E(0°) | 63.8° | 458 | |
| | 6.20 | E(C90) | 51.1° | 47 | |
| | | E(C0) | 51.1° | 57 | |
| 3.0 | 8.20 | E(0°) | 63.8° | 318 | |
| | 7.44 | E(C90) | 51.1° | 33 | |
| | | E(C0) | 51.1° | 39 | |

Distance [m] Cone diameter [m] Illuminance [lx]

— C0 - C180 (Half beam angle: 102.2°)
— C90 - C270 (Half beam angle: 107.6°)

TECHNICAL DRAWINGS

