

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. 4200lm; 34W; 124lm/W; 4000K; SDCM<5; 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).

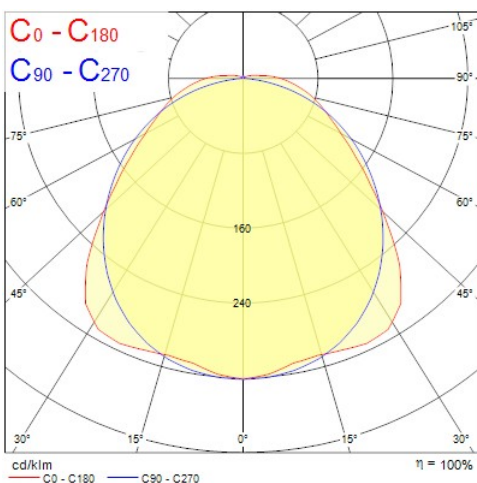
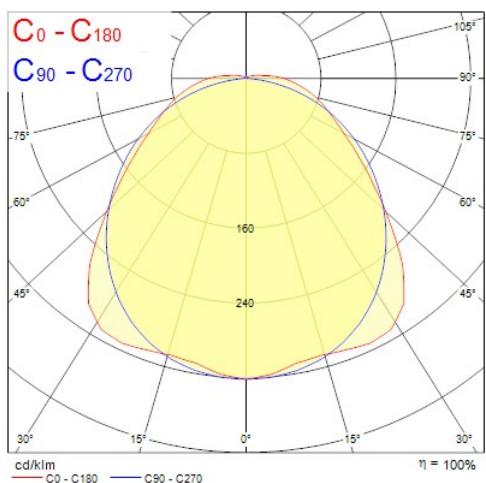
Product Overview

| | |
|--|---|
| Product name | RESISTO 1500 IP66 4200LM 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) | 4200 |
| Luminaire efficacy (lm/W) | 124 |
| Correlated colour temperature (k) | 4000 |
| Light colour | Neutral White |
| CRI (Ra) | 80 |
| Colour Variation Initial (SDCM) | 5 |
| Beam Angle (°) | 110 |
| Glare control | < 22 |
| Photobiological Risk Group | RG1 |
| Luminous flux (emergency) (lm) | 580 |

RESISTO 1500 IP66 4200LM 840 EM 0010348

| | |
|-----------------------------|-----------------------------|
| Total power consumption (W) | 34 |
| 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 | 5410288103488 |
| Warranty | 5 years |
| Dimming method | N/A |

Photometry



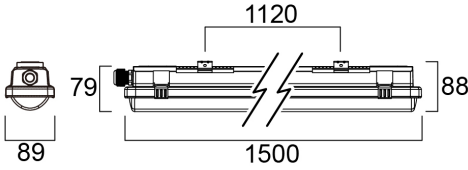
| Distance [m] | Cone diameter [m] | E(0°) | E(C90) | E(C0) | Illuminance [lx] |
|--------------|-------------------|--------|--------|-------|------------------|
| 0.5 | 1.43 | E(0°) | 55.0° | 52.8° | 746 |
| | 1.32 | E(C90) | 55.0° | 52.8° | 71 |
| 1.0 | 2.86 | E(0°) | 55.0° | 52.8° | 187 |
| | 2.63 | E(C90) | 55.0° | 52.8° | 18 |
| 1.5 | 4.28 | E(0°) | 55.0° | 52.8° | 83 |
| | 3.95 | E(C90) | 55.0° | 52.8° | 8 |
| 2.0 | 5.71 | E(0°) | 55.0° | 52.8° | 47 |
| | 5.27 | E(C90) | 55.0° | 52.8° | 4 |
| 2.5 | 7.14 | E(0°) | 55.0° | 52.8° | 30 |
| | 6.59 | E(C90) | 55.0° | 52.8° | 3 |
| 3.0 | 8.57 | E(0°) | 55.0° | 52.8° | 21 |
| | 7.90 | E(C90) | 55.0° | 52.8° | 2 |

Distance [m] Cone diameter [m] Illuminance [lx]
 — C0 - C180 (Half beam angle: 105.6°)
 — C90 - C270 (Half beam angle: 110.0°)

| Distance [m] | Cone diameter [m] | E(0°) | E(C90) | E(C0) | Illuminance [lx] |
|--------------|-------------------|--------|--------|-------|------------------|
| 0.5 | 1.32 | E(0°) | 52.8° | 53.4° | 8671 |
| | 1.35 | E(C90) | 52.8° | 53.4° | 737 |
| 1.0 | 2.63 | E(0°) | 52.8° | 53.4° | 1668 |
| | 2.69 | E(C90) | 52.8° | 53.4° | 184 |
| 1.5 | 3.95 | E(0°) | 52.8° | 53.4° | 741 |
| | 4.04 | E(C90) | 52.8° | 53.4° | 82 |
| 2.0 | 5.27 | E(0°) | 52.8° | 53.4° | 417 |
| | 5.39 | E(C90) | 52.8° | 53.4° | 46 |
| 2.5 | 6.59 | E(0°) | 52.8° | 53.4° | 267 |
| | 6.73 | E(C90) | 52.8° | 53.4° | 29 |
| 3.0 | 7.90 | E(0°) | 52.8° | 53.4° | 185 |
| | 8.08 | E(C90) | 52.8° | 53.4° | 20 |

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

Technical drawings



Data table

GENERAL DATA

| | |
|----------------------------------|---|
| Product name | RESISTO 1500 IP66 4200LM 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) | 4200 |
| Luminaire efficacy (lm/W) | 124 |
| Correlated colour temperature (k) | 4000 |
| Light colour | Neutral White |

RESISTO 1500 IP66 4200LM 840 EM 0010348

| | |
|---------------------------------|---------|
| CRI (Ra) | 80 |
| Colour Variation Initial (SDCM) | 5 |
| Beam Angle (°) | 110 |
| Distribution type | Diffuse |
| Glare control | < 22 |
| Photobiological Risk Group | RG1 |
| Luminous flux (emergency) (lm) | 580 |
| Emergency duration (h) | 3 |

ELECTRICAL DATA

| | |
|--|-----------------------------|
| Total power consumption (W) | 34 |
| 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 |
| Inrush Current (A) | 5.33 |
| Inrush Duration (µs) | 38 |
| Energy Efficiency Class (A->G) of contained light source | C |
| Nominal Frequency (Hz) | 50/60Hz |
| Max. products per 10A C Breaker | 36 |
| Max. products per 16A C Breaker | 58 |
| Max. products per 16A B Breaker | 58 |
| 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) | 1500 |
| Nominal Product Width (mm) | 87 |
| Nominal Product Height (mm) | 80 |
| Weight (kg) | 2.5 |

PACKAGING

| | |
|--------------------|---------------|
| Product EAN number | 5410288103488 |
|--------------------|---------------|

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 |