



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; 20W; 140lm/W; 4000K; SDCM<5; non dimmable; CRI80; IP66; IK08; Class I; 69,000hrs (L80B20) lifespan; 1200mm x 89mm x 88mm; D-mark; through wiring.

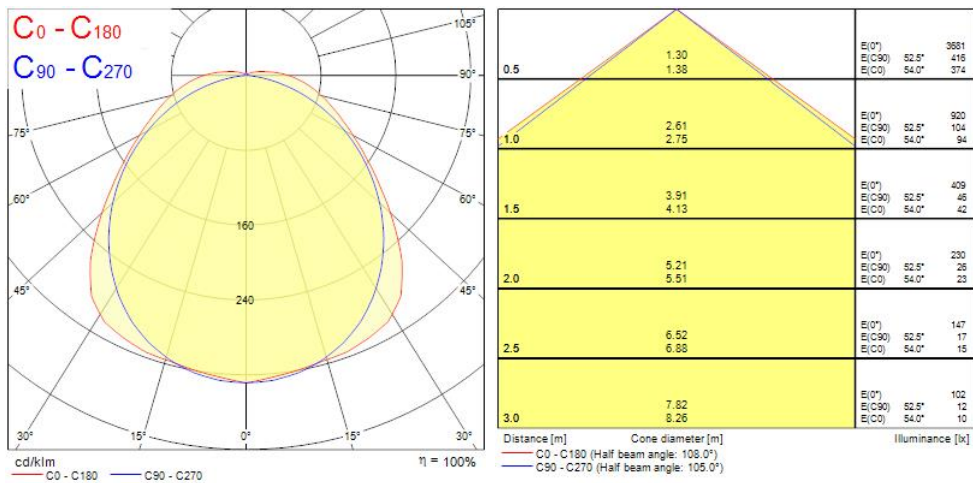
Product Overview

|                                 |                                                           |
|---------------------------------|-----------------------------------------------------------|
| Product name                    | Resisto 1200 IP66 2800lm 840 5xTH                         |
| Technology                      | LED                                                       |
| Cap/Base                        | N/A                                                       |
| Housing                         | PC Polycarbonate                                          |
| Mount                           | Ceiling surface mounting, Suspended, Wall surface mounted |
| E-number FI                     | 4357046                                                   |
| Fixture luminous flux (lm)      | 2800                                                      |
| Luminaire efficacy (lm/W)       | 140                                                       |
| Colour temperature (K)          | 4000                                                      |
| CRI (Ra)                        | 80                                                        |
| Colour Consistency (SDCM)       | 5                                                         |
| Colour Variation Initial (SDCM) | 5                                                         |
| Glare control                   | < 22                                                      |
| Photobiological Risk Group      | RG1                                                       |
| Total power consumption (W)     | 20                                                        |
| Electrical protection           | Class I                                                   |
| Control gear type               | LED driver constant current                               |
| LED Flickering Rate             | Ultra low (5% or less)                                    |

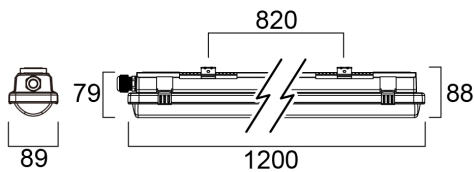
Resisto 1200 IP66 2800lm 840 5xTH  
0010216

|                    |               |
|--------------------|---------------|
| Housing colour     | Grey          |
| IP rating          | IP66          |
| IK rating          | IK08          |
| Product EAN number | 5410288102160 |
| Warranty           | 5 years       |

Photometry



Technical drawings



Data table

GENERAL DATA

|                                         |                                                           |
|-----------------------------------------|-----------------------------------------------------------|
| Product name                            | Resisto 1200 IP66 2800lm 840 5xTH                         |
| Technology                              | LED                                                       |
| Cap/Base                                | N/A                                                       |
| Housing                                 | PC Polycarbonate                                          |
| Mount                                   | Ceiling surface mounting, Suspended, Wall surface mounted |
| Operating temperature range (°C)        | -20°C...+40°C                                             |
| Performance ambient temperature Tq (°C) | 25                                                        |
| E-number FI                             | 4357046                                                   |
| Warranty                                | 5 years                                                   |

OPTICAL DATA

|                                 |      |
|---------------------------------|------|
| Fixture luminous flux (lm)      | 2800 |
| Luminaire efficacy (lm/W)       | 140  |
| Colour temperature (K)          | 4000 |
| CRI (Ra)                        | 80   |
| Colour Consistency (SDCM)       | 5    |
| Colour Variation Initial (SDCM) | 5    |
| Glare control                   | < 22 |
| Photobiological Risk Group      | RG1  |

ELECTRICAL DATA

|                                          |                             |
|------------------------------------------|-----------------------------|
| Total power consumption (W)              | 20                          |
| Primary Supply/Product voltage - min (V) | 220                         |
| Lamp power factor                        | 1                           |
| Electrical protection                    | Class I                     |
| Control gear required                    | No                          |
| Control gear type                        | LED driver constant current |
| Drive current (mA)                       | 350                         |

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|                                                          |                        |
|----------------------------------------------------------|------------------------|
| Inrush Current (A)                                       | 6.1                    |
| Inrush Duration (µs)                                     | 18                     |
| 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. products per 10A C Breaker                          | 60                     |
| Max. products per 20A B Breaker                          | 121                    |
| Connectable conductor cross section - Max (mm²)          | 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) | 1200             |
| Nominal Product Width (mm)  | 87               |
| Weight (kg)                 | 1.68             |

### PACKAGING

|                                      |                |
|--------------------------------------|----------------|
| Single packaging type                | Carton         |
| Product EAN number                   | 5410288102160  |
| Packaging single width (cm)          | 10.0           |
| Packaging single depth (cm)          | 8.5            |
| DUN14 (outer)                        | 05410288102160 |
| Packaging outer length / height (cm) | 120.5          |



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SAFETY DATA

|                                     |        |
|-------------------------------------|--------|
| Optimal operating condition (°C)    | -20-40 |
| Special purpose lamp                | No     |
| Dry applications use only           | No     |
| Suitable for household illumination | No     |