

Resisto SylSmart  
Resisto 1200 IP66 2800lm 840 SSC  
0010226



- 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. 2800lm; 22W; 127lm/W; 4000K; SDCM<5; CRI80; IP66; IK08; Class I; 69,000hrs (L80B20) lifespan; 1200mm x 89mm x 88mm; D-mark; SylSmart Standalone enabled.

PRODUCT OVERVIEW

|                                 |                                                           |
|---------------------------------|-----------------------------------------------------------|
| Product name                    | Resisto 1200 IP66 2800lm 840 SSC                          |
| Technology                      | LED                                                       |
| Cap/Base                        | N/A                                                       |
| Housing                         | PC Polycarbonate                                          |
| Mount                           | Ceiling surface mounting, Suspended, Wall surface mounted |
| General application             | Logistics & Industry                                      |
| ETIM Class                      | EC002892                                                  |
| Warranty                        | 5 years                                                   |
| Fixture luminous flux (lm)      | 2800                                                      |
| Luminaire efficacy (lm/W)       | 127                                                       |
| Colour temperature (K)          | 4000                                                      |
| CRI (Ra)                        | 80                                                        |
| Colour Variation Initial (SDCM) | SDCM5                                                     |
| Colour Consistency (SDCM)       | 5                                                         |
| Beam Angle (°)                  | 110                                                       |
| Glare control                   | < 22                                                      |
| Photobiological Risk Group      | RG1                                                       |
| Total power consumption (W)     | 22                                                        |
| Electrical protection           | Class I                                                   |
| Control gear type               | LED driver constant current                               |
| Dimmable                        | Yes                                                       |
| Dimming method                  | SylSmart SSC                                              |
| Minimum dimming level (%)       | 1                                                         |
| LED Flickering Rate             | Ultra low (5% or less)                                    |
| Housing colour                  | Grey                                                      |
| IP rating                       | IP65                                                      |
| IK rating                       | IK08                                                      |
| Product EAN number              | 5410288102269                                             |

DATA TABLE

|              |                                  |
|--------------|----------------------------------|
| General data |                                  |
| Product name | Resisto 1200 IP66 2800lm 840 SSC |
| Technology   | LED                              |
| Cap/Base     | N/A                              |
| Housing      | PC Polycarbonate                 |

## Resisto SylSmart

Resisto 1200 IP66 2800lm 840 SSC

0010226

|                                         |                                                           |
|-----------------------------------------|-----------------------------------------------------------|
| Mount                                   | Ceiling surface mounting, Suspended, Wall surface mounted |
| General application                     | Logistics & Industry                                      |
| Operating temperature range (°C)        | -20°C...+30°C                                             |
| Performance ambient temperature Tq (°C) | 25                                                        |
| ETIM Class                              | EC002892                                                  |
| Warranty                                | 5 years                                                   |

### Optical data

|                                 |         |
|---------------------------------|---------|
| Fixture luminous flux (lm)      | 2800    |
| Luminaire efficacy (lm/W)       | 127     |
| Colour temperature (K)          | 4000    |
| CRI (Ra)                        | 80      |
| Colour Variation Initial (SDCM) | SDCM5   |
| Colour Consistency (SDCM)       | 5       |
| Beam Angle (°)                  | 110     |
| Distribution type               | Diffuse |
| Glare control                   | < 22    |
| Photobiological Risk Group      | RG1     |

### Electrical data

|                                                                |                             |
|----------------------------------------------------------------|-----------------------------|
| Total power consumption (W)                                    | 22                          |
| 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 % | 9                           |
| Electrical protection                                          | Class I                     |
| Control gear required                                          | No                          |
| Control gear type                                              | LED driver constant current |
| No. Of switching cycles before premature failures              | >50000                      |
| Dimmable                                                       | Yes                         |
| Dimming method                                                 | SylSmart SSC                |
| Minimum dimming level (%)                                      | 1                           |
| Drive current (mA)                                             | 350                         |
| Inrush Current (A)                                             | 29                          |
| Inrush Duration (µs)                                           | 180                         |
| 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                                | 21                          |
| Max. products per 13A C Breaker                                | 28                          |
| Max. products per 16A C Breaker                                | 36                          |
| Max. products per 20A C Breaker                                | 45                          |
| Max. products per 10A B Breaker                                | 13                          |
| Max. products per 13A B Breaker                                | 17                          |
| Max. products per 16A B Breaker                                | 22                          |

## Resisto SylSmart

Resisto 1200 IP66 2800lm 840 SSC

0010226

|                                                 |     |
|-------------------------------------------------|-----|
| Max. products per 20A B Breaker                 | 27  |
| 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                   | IP65             |
| 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)                 | 1.65             |

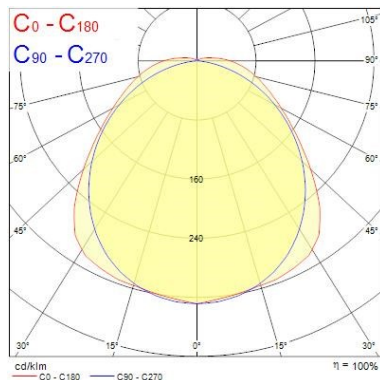
### Packaging

|                                       |                |
|---------------------------------------|----------------|
| Single packaging type                 | Carton         |
| Product EAN number                    | 5410288102269  |
| Packaging single length / height (cm) | 120.5          |
| Packaging single width (cm)           | 10.0           |
| Packaging single depth (cm)           | 8.5            |
| DUN14 (outer)                         | 05410288102269 |
| Units per outer package               | 1              |
| Packaging outer length / height (cm)  | 120.5          |
| Packaging outer width (cm)            | 10.0           |
| Packaging outer depth (cm)            | 8.5            |

### Safety data

|                                  |        |
|----------------------------------|--------|
| Optimal operating condition (°C) | -20-30 |
|----------------------------------|--------|

## PHOTOMETRY



| Distance [m] | Cone diameter [m] | Beam angle [°] | Illuminance [lx] |
|--------------|-------------------|----------------|------------------|
| 0.5          | 1.30              | 105            | 3681             |
| 1.0          | 2.61              | 105            | 920              |
| 1.5          | 3.91              | 105            | 409              |
| 2.0          | 5.21              | 105            | 230              |
| 2.5          | 6.52              | 105            | 147              |
| 3.0          | 7.82              | 105            | 102              |



## Resisto SylSmart

*Resisto 1200 IP66 2800lm 840 SSC*

0010226

---

### TECHNICAL DRAWINGS

---