



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; CRI80; IP66; IK08 (sensor IK03); Class I; 69,000hrs (L80B20) lifespan; 1288mm x 87mm x 80mm; D-mark; SylSmart Connected Building enabled.

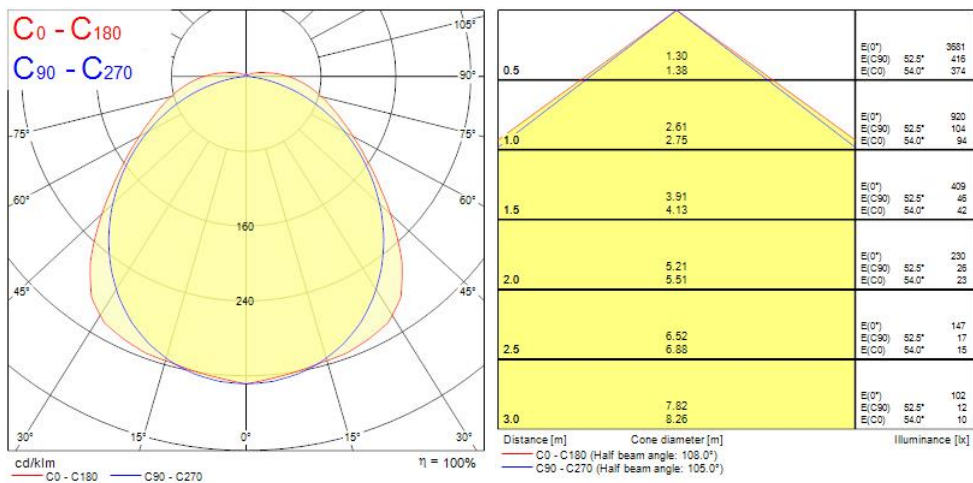
Product Overview

|                                   |                                                           |
|-----------------------------------|-----------------------------------------------------------|
| Product name                      | Resisto 1200 IP65 2800lm 840 SSA                          |
| 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)        | 2800                                                      |
| Luminaire efficacy (lm/W)         | 140                                                       |
| Correlated colour temperature (k) | 4000                                                      |
| Light colour                      | Neutral White                                             |
| CRI (Ra)                          | 80                                                        |
| Colour Consistency (SDCM)         | 5                                                         |
| Colour Variation Initial (SDCM)   | 5                                                         |
| Beam Angle (°)                    | 110                                                       |
| Glare control                     | < 22                                                      |
| Photobiological Risk Group        | RG1                                                       |
| Total power consumption (W)       | 20                                                        |

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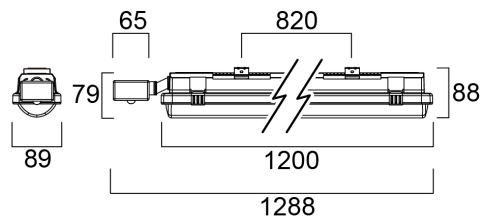
|                           |                             |
|---------------------------|-----------------------------|
| Electrical protection     | Class I                     |
| Control gear type         | LED driver constant current |
| Dimmable                  | Yes                         |
| Minimum dimming level (%) | 1                           |
| LED Flickering Rate       | Ultra low (5% or less)      |
| Housing colour            | Grey                        |
| IP rating                 | IP65                        |
| IK rating                 | IK08                        |
| Product EAN number        | 5410288102306               |
| Warranty                  | 5 years                     |
| Dimming method            | SylSmart SSA                |

Photometry



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Technical drawings



Data table

GENERAL DATA

|                                         |                                                           |
|-----------------------------------------|-----------------------------------------------------------|
| Product name                            | Resisto 1200 IP65 2800lm 840 SSA                          |
| 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                                                  |
| Warranty                                | 5 years                                                   |

OPTICAL DATA

|                            |      |
|----------------------------|------|
| Fixture luminous flux (lm) | 2800 |
| Luminaire efficacy (lm/W)  | 140  |

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|                                   |               |
|-----------------------------------|---------------|
| Correlated colour temperature (k) | 4000          |
| Light colour                      | Neutral White |
| CRI (Ra)                          | 80            |
| Colour Variation Initial (SDCM)   | 5             |
| Colour Consistency (SDCM)         | 5             |
| Beam Angle (°)                    | 110           |
| Distribution type                 | Diffuse       |
| Glare control                     | < 22          |
| Photobiological Risk Group        | RG1           |

### ELECTRICAL DATA

|                                                                  |                             |
|------------------------------------------------------------------|-----------------------------|
| Total power consumption (W)                                      | 20                          |
| 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 SSA                |
| Minimum dimming level (%)                                        | 1                           |
| Drive current (mA)                                               | 350                         |
| Inrush Current (A)                                               | 29                          |
| Inrush Duration (µs)                                             | 180                         |
| 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                          |

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|                                                    |     |
|----------------------------------------------------|-----|
| 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  |
| Max. products per 20A B Breaker                    | 27  |
| Connectable conductor cross section -<br>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             |
| IK rating of sensor         | IK03             |
| Diffuser finish             | Frosted          |
| Diffuser material           | PC Polycarbonate |
| Nominal Product Length (mm) | 1288             |
| Nominal Product Width (mm)  | 87               |
| Nominal Product Height (mm) | 80               |
| Weight (kg)                 | 1.78             |

### PACKAGING

|                                       |                |
|---------------------------------------|----------------|
| Product EAN number                    | 5410288102306  |
| Packaging single length / height (cm) | 120.5          |
| Packaging single width (cm)           | 10.0           |
| Packaging single depth (cm)           | 8.5            |
| DUN14 (inner)                         | 05410288102306 |
| Units per outer package               | 1              |
| Packaging outer length / height (cm)  | 120.5          |
| Packaging outer width (cm)            | 10.0           |



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|                            |     |
|----------------------------|-----|
| Packaging outer depth (cm) | 8.5 |
|----------------------------|-----|

SAFETY DATA

|                                     |        |
|-------------------------------------|--------|
| Glow Wire Test (°C)                 | 850    |
| Optimal operating condition (°C)    | -20-40 |
| Special purpose lamp                | No     |
| Dry applications use only           | No     |
| Suitable for household illumination | No     |