

Resisto HE  
Resisto 1500 HE IP66 DALI 7100LM 840 EM  
0010283

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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. 7100lm; 50W; 142lm/W; 4000K; SDCM<3; DALI dimmable; CRI80; IP66; IK08; Class I; 69,000hrs (L80B20) lifespan; 1500mm x 89mm x 88mm; D-mark; 3-hour maintained emergency batteries.



PRODUCT OVERVIEW

|                                 |                                                           |
|---------------------------------|-----------------------------------------------------------|
| Product name                    | Resisto 1500 HE IP66 DALI 7100LM 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                                                  |
| Warranty                        | 5 years                                                   |
| Fixture luminous flux (lm)      | 7100                                                      |
| Luminaire efficacy (lm/W)       | 142                                                       |
| Colour temperature (K)          | 4000                                                      |
| CRI (Ra)                        | 80                                                        |
| Colour Variation Initial (SDCM) | SDCM3                                                     |
| Colour Consistency (SDCM)       | 3                                                         |
| Beam Angle (°)                  | 110                                                       |
| Glare control                   | < 25                                                      |
| Photobiological Risk Group      | RG1                                                       |
| Luminous flux (emergency) (lm)  | 760                                                       |
| Luminous flux (emergency) (lm)  | 760                                                       |
| Total power consumption (W)     | 50                                                        |
| 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              | 5410288102832                                             |

DATA TABLE

General data

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

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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)        | 5°C...+40°C                                               |
| Performance ambient temperature Tq (°C) | 25                                                        |
| ETIM Class                              | EC002892                                                  |
| Warranty                                | 5 years                                                   |

### Optical data

|                                 |         |
|---------------------------------|---------|
| Fixture luminous flux (lm)      | 7100    |
| Luminaire efficacy (lm/W)       | 142     |
| Colour temperature (K)          | 4000    |
| CRI (Ra)                        | 80      |
| Colour Variation Initial (SDCM) | SDCM3   |
| Colour Consistency (SDCM)       | 3       |
| Beam Angle (°)                  | 110     |
| Distribution type               | Diffuse |
| Glare control                   | < 25    |
| Photobiological Risk Group      | RG1     |
| Luminous flux (emergency) (lm)  | 760     |
| Luminous flux (emergency) (lm)  | 760     |
| Emergency duration (h)          | 3       |

### Electrical data

|                                                                |                             |
|----------------------------------------------------------------|-----------------------------|
| Total power consumption (W)                                    | 50                          |
| 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                                                 | DALI                        |
| Minimum dimming level (%)                                      | 1                           |
| Drive current (mA)                                             | 350                         |
| Inrush Current (A)                                             | 22.4                        |
| Inrush Duration (µs)                                           | 176                         |
| Glow Wire Test (°C)                                            | 850                         |
| Energy Efficiency Class (A->G) of contained light source       | C                           |
| Nominal Frequency (Hz)                                         | 50/60Hz                     |
| LED Flickering Rate                                            | Ultra low (5% or less)      |
| Max. products per 10A C Breaker                                | 21                          |

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|                                                              |     |
|--------------------------------------------------------------|-----|
| 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  |
| Max. products per 20A B Breaker                              | 27  |
| Connectable conductor cross section - Max (mm <sup>2</sup> ) | 2.5 |

### Lifetime data

|                  |        |
|------------------|--------|
| Lifespan L70 B50 | 100000 |
| Lifespan L70 B20 | 100000 |
| Lifespan L70 B10 | 100000 |
| Lifespan L80 B50 | 74000  |
| Lifespan L80 B20 | 69000  |
| Lifespan L80 B10 | 66000  |
| Lifespan L90 B50 | 35000  |
| Lifespan L90 B20 | 33000  |
| 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)                 | 2.76             |

### Packaging

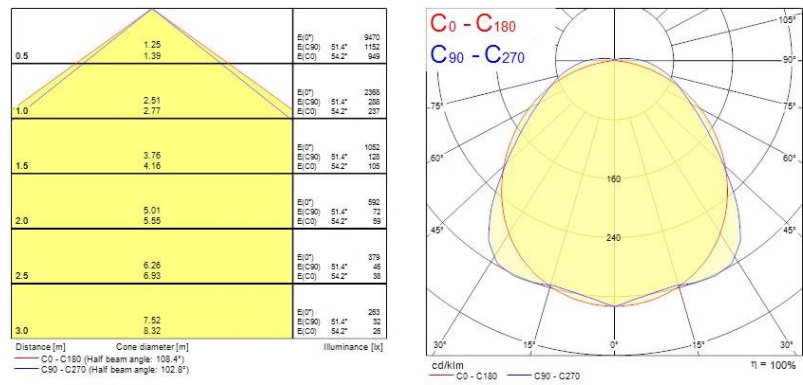
|                                       |                |
|---------------------------------------|----------------|
| Single packaging type                 | Carton         |
| Product EAN number                    | 5410288102832  |
| Packaging single length / height (cm) | 150.5          |
| Packaging single width (cm)           | 10.0           |
| Packaging single depth (cm)           | 8.5            |
| DUN14 (outer)                         | 05410288102832 |
| 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) | 5-40 |
|----------------------------------|------|

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PHOTOMETRY



TECHNICAL DRAWINGS