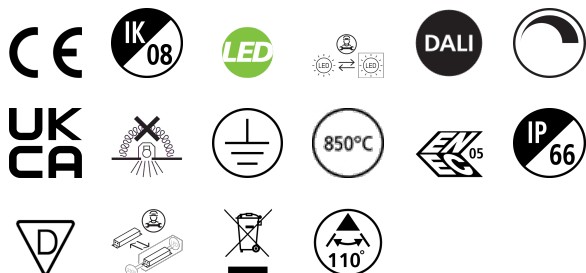


# Resisto 1200 HE IP66 DALI 4800lm 840

Code article 0010237

**SYLVANIA**

**PRO**<sup>TM</sup>



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. 4800lm; 31W; 155lm/W; 4000K; SDCM<3; DALI dimmable; CRI80; IP66; IK08; Class I; 69,000hrs (L80B20) lifespan; 1200mm x 89mm x 88mm; D-mark.

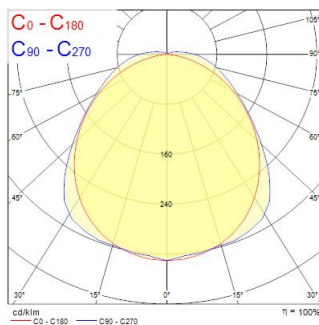
## Atouts techniques

### Dimensions (mm)



### Photométrie

| Distance (m) | Cone diameter (m) | Beam angle (°)        | Illuminance (lx)   |
|--------------|-------------------|-----------------------|--------------------|
| 0.5          | 1.35<br>1.32      | 50°<br>52.4°<br>52.8° | 6241<br>673<br>704 |
| 1.0          | 2.69<br>2.63      | 50°<br>52.4°<br>52.8° | 1558<br>188<br>179 |
| 1.5          | 4.04<br>3.95      | 50°<br>52.4°<br>52.8° | 708<br>78<br>75    |
| 2.0          | 5.39<br>5.27      | 50°<br>52.4°<br>52.8° | 396<br>42.4<br>41  |
| 2.5          | 6.73<br>6.59      | 50°<br>52.4°<br>52.8° | 252<br>26.7<br>26  |
| 3.0          | 8.08<br>7.90      | 50°<br>52.4°<br>52.8° | 178<br>18<br>19    |



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## Données générales

|                                         |                                                           |
|-----------------------------------------|-----------------------------------------------------------|
| Nom du produit                          | Resisto 1200 HE IP66 DALI 4800lm 840                      |
| Technologie                             | LED                                                       |
| Cap/Base                                | N/A                                                       |
| Housing                                 | PC Polycarbonate                                          |
| Montage                                 | Ceiling surface mounting, Suspended, Wall surface mounted |
| Built in presence detector              | NONE                                                      |
| General application                     | Logistics & Industry                                      |
| Operating temperature range (°C)        | -20°C...+40°C                                             |
| Performance ambient temperature Tq (°C) | 25                                                        |
| Virtual assistant compatibility         | N/A                                                       |
| ETIM Class                              | EC002892                                                  |
| Numéro virtuel FI                       | 4357136                                                   |
| Warranty                                | 5 ans                                                     |

## Données optiques

|                                 |         |
|---------------------------------|---------|
| Fixture luminous flux (lm)      | 4800    |
| Luminaire efficacy (lm/W)       | 155     |
| Température de couleur (K)      | 4000    |
| IRC (Ra)                        | 80      |
| Colour Consistency (SDCM)       | 3       |
| Colour Variation Initial (SDCM) | SDCM3   |
| Beam Angle (°)                  | 110     |
| Distribution type               | Diffuse |
| Glare control                   | < 24    |
| Photobiological Risk Group      | RG1     |

## Caractéristiques électriques

|                                                                  |                             |
|------------------------------------------------------------------|-----------------------------|
| Consommation électrique totale (W)                               | 31                          |
| 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 % | 20                          |
| Electrical protection                                            | Class I                     |
| Type d'appareillage                                              | 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                         |
| Courant d'appel (A)                                              | 22.4                        |
| Inrush Duration (µs)                                             | 176                         |
| 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                          |
| 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 (mm²)                  | 2.5                         |

## Durée de vie

|                  |        |
|------------------|--------|
| Lifespan L70 B50 | 100000 |
| Lifespan L80 B20 | 69000  |
| Lifespan L90 B10 | 31000  |

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## Données physiques

|                             |                  |
|-----------------------------|------------------|
| Housing colour              | Grey             |
| IP rating                   | IP66             |
| IK rating                   | IK08             |
| Diffuser finish             | Frosted          |
| Diffuser material           | PC Polycarbonate |
| Longueur (mm)               | 1200             |
| Largeur (mm)                | 87               |
| Nominal Product Height (mm) | 80               |
| Poids (kg)                  | 1.502            |

## Emballage

|                                      |                |
|--------------------------------------|----------------|
| Product EAN number                   | 5410288102375  |
| Longueur simple de l'emballage (cm)  | 125.5          |
| Largeur simple de l'emballage (cm)   | 10.0           |
| Packaging single depth (cm)          | 9.0            |
| DUN14 (inner)                        | 05410288102375 |
| Units per outer package              | 1              |
| Packaging outer length / height (cm) | 125.5          |
| Packaging outer width (cm)           | 10.0           |
| Packaging outer depth (cm)           | 9.0            |

## Sécurité

|                                           |        |
|-------------------------------------------|--------|
| Glow Wire Test (°C)                       | 850    |
| Condition de fonctionnement optimal (° C) | -20-40 |