

| Product code | Color |
|--------------|------------------|
| 209-541-31 | White, on demand |

General Specifications

| | |
|-----------------------|--|
| Product type | : Downlights |
| Mounting type | : Ceiling - recessed |
| Description | : Professional recessed downlight, DALI version on demand, easy to install thanks to the patented spring device. Body and bezel in die-cast aluminium polyester painted. High resistant faceted polycarbonate reflector, coated in high vacuum. Black painted aluminium heat sink. Protection rating IP43. |
| Indoor/outdoor lights | : Indoor |
| Applications | : Accommodation facilities, Conference rooms, Hotels, Offices, Retail, Shopping centres, Showrooms |

Lighting specifications

| | |
|----------------------------------|------------------------|
| Average lamp life (h) | : L80B10 50.000 |
| Lamp description | : LED 3000lm 34W 3000K |
| Nominal lumens on thermal regime | : 3000 |
| Efficiency L.O.R. (%) | : 89,0 |
| Delivered lumens (lm) | : 2670 |
| Lamp wattage (W) | : 34 |
| Color temperature (K) | : 3000 |

Physical Specifications

| | |
|---------------------|--|
| Body | : Die-cast aluminium |
| Finishes | : Polyester painted |
| Reflector | : Visual Plus faceted polycarbonate, aluminium-coated in high vacuum |
| Thermal Dissipation | : Passive |
| Ring | : Die-cast aluminium |

Electrical Specifications


| | |
|-----------------|------------------|
| Dimmable | : DALI on demand |
| Glow wire (°C) | : 850 |
| Driver | : Included |
| Driver mounting | : Remote |
| Voltage (V) | : 220/240 |
| Frequency (Hz) | : 50/60 |

Weight and Dimensions

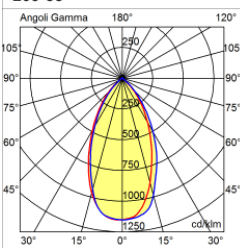
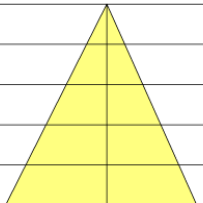
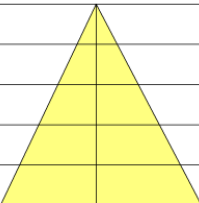
| | |
|------------------------|---------|
| Shape | : Round |
| External diameter (mm) | : 182 |
| Height (mm) | : 143 |
| Cutout shape | : Round |
| Cutout Diameter (mm) | : 172 |
| Recessed depth (mm) | : 200 |
| Weight (Kg) | : 1.4 |

Optical Specifications

| | |
|--------------------|-------------|
| Aiming | : Fixed |
| Light distribution | : Symmetric |
| Light emission | : Direct |
| Light beam | : 52° |

| Lamps | Lamp categories | Lamp type | Lamp wattage (W) | Nominal lumens on thermal regime (lm) | Color rendering (CRI) |
|--|-----------------|-------------|------------------|---------------------------------------|-----------------------|
|  | LED | Fortimo LED | 34 | 3000 | 80 |

Photometrics

| 209-53 Angol Gamma 180° 120° 90° 75° 60° 45° 30° 15° 0° 15° 30° cd/km | RA 18 Led Fortimo 34W 3000 lm | | | | R: 100% | | I. Max: 1152 Cd/Klm | | | |
|---|-------------------------------|------|---------|---------|---|------|---------------------|---------|---------|--|
| | H[m] | D[m] | Max lux | Med lux | Alpha=51° | H[m] | D[m] | Max lux | Med lux | Beta=53° |
|  | 1.00 | 0.96 | 3068 | 1678 |  | 1.00 | 1.00 | 3068 | 1678 |  |
| | 2.00 | 1.91 | 767 | 420 | | 2.00 | 2.01 | 767 | 420 | |
| | 3.00 | 2.87 | 341 | 186 | | 3.00 | 3.01 | 341 | 186 | |
| | 4.00 | 3.82 | 192 | 105 | | 4.00 | 4.02 | 192 | 105 | |
| | 5.00 | 4.78 | 123 | 67 | | 5.00 | 5.02 | 123 | 67 | |

Pictures and Applications

