

GIOTTO 235 4000K RECESSED  
3034750



Features

- Ambient and decorative round, recessed mounted LED bulkhead luminaire. White robust polycarbonate body with opal diffuser, 1150lm, 10.1W, 114lm/W, 4000K, CRI 80, non-dimmable, 120,000 hours lumen maintenance (L70:B50). Drive current: 275mA, IP44, IK10, Class I, 220-240V.

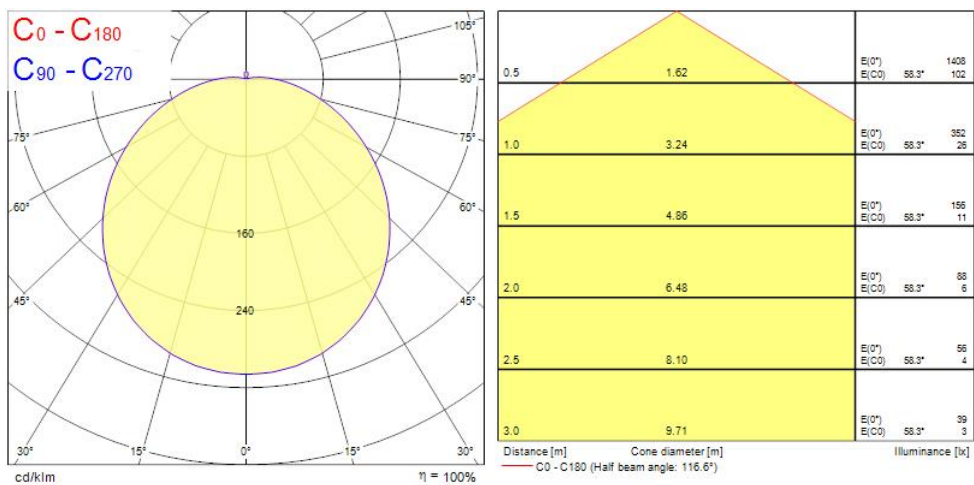
Product Overview

|                                 |                             |
|---------------------------------|-----------------------------|
| Product name                    | GIOTTO 235 4000K RECESSED   |
| Technology                      | LED                         |
| Cap/Base                        | N/A                         |
| Housing                         | PC Polycarbonate            |
| Mount                           | Ceiling recessed mounting   |
| Environment                     | Indoor                      |
| E-number FI                     | 4270054                     |
| Fixture luminous flux (lm)      | 1150                        |
| Luminaire efficacy (lm/W)       | 114                         |
| Colour temperature (K)          | 4000                        |
| Light colour                    | Neutral White               |
| CRI (Ra)                        | 80                          |
| Colour Variation Initial (SDCM) | 3                           |
| Glare control                   | < 25                        |
| Photobiological Risk Group      | RG0                         |
| Total power consumption (W)     | 10.1                        |
| Electrical protection           | Class I                     |
| Control gear type               | LED driver constant current |
| Control gear mounting           | Integrated                  |
| LED Flickering Rate             | Ultra low (5% or less)      |
| Housing colour                  | White                       |

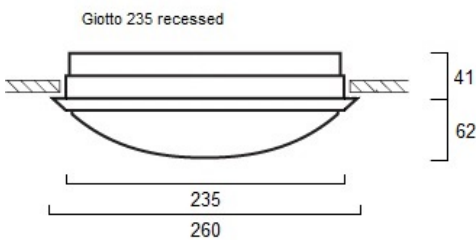
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|                    |               |
|--------------------|---------------|
| IP rating          | IP44          |
| IK rating          | IK10          |
| Product EAN number | 8711971347507 |
| Warranty           | 5 years       |
| Colour Code        | 840           |

Photometry



Technical drawings



Data table

GENERAL DATA

|              |                           |
|--------------|---------------------------|
| Product name | GIOTTO 235 4000K RECESSED |
|--------------|---------------------------|

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|                                         |                           |
|-----------------------------------------|---------------------------|
| Technology                              | LED                       |
| Cap/Base                                | N/A                       |
| Housing                                 | PC Polycarbonate          |
| Mount                                   | Ceiling recessed mounting |
| Environment                             | Indoor                    |
| Operating temperature range (°C)        | -25°C...+25°C             |
| Performance ambient temperature Tq (°C) | 25                        |
| E-number FI                             | 4270054                   |
| Warranty                                | 5 years                   |

### OPTICAL DATA

|                                              |               |
|----------------------------------------------|---------------|
| Fixture luminous flux (lm)                   | 1150          |
| Luminaire efficacy (lm/W)                    | 114           |
| Colour temperature (K)                       | 4000          |
| Colour Code                                  | 840           |
| Light colour                                 | Neutral White |
| CRI (Ra)                                     | 80            |
| Colour Variation Initial (SDCM)              | 3             |
| Adjustable chromaticity                      | N             |
| Glare control                                | < 25          |
| Photobiological Risk Group                   | RG0           |
| Lumen maintenance at end of nominal life (%) | 80            |

### ELECTRICAL DATA

|                                          |                             |
|------------------------------------------|-----------------------------|
| Total power consumption (W)              | 10.1                        |
| Primary Supply/Product voltage - min (V) | 220                         |
| Lamp power factor                        | 0.88                        |
| Electrical protection                    | Class I                     |
| Control gear required                    | No                          |
| Control gear type                        | LED driver constant current |
| Control gear mounting                    | Integrated                  |
| Drive current (mA)                       | 275                         |

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|                                                          |                        |
|----------------------------------------------------------|------------------------|
| Inrush Current (A)                                       | 14                     |
| Inrush Duration (µs)                                     | 280                    |
| 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                          | 40                     |
| Max. products per 20A B Breaker                          | 48                     |
| Connectable conductor cross section - Min (mm²)          | 0.75                   |
| Connectable conductor cross section - Max (mm²)          | 2.5                    |

### LIFETIME DATA

|                  |        |
|------------------|--------|
| Lifespan L70 B50 | 170000 |
| Lifespan L80 B10 | 129000 |
| Lifespan L90 B10 | 63000  |

### PHYSICAL DATA

|                               |                  |
|-------------------------------|------------------|
| Housing colour                | White            |
| IP rating                     | IP44             |
| IK rating                     | IK10             |
| Diffuser finish               | Opal             |
| Diffuser material             | PC Polycarbonate |
| Nominal Product Diameter (mm) | 265              |
| Weight (kg)                   | 0.86             |
| Recessed Depth (mm)           | 41               |

### PACKAGING

|                             |               |
|-----------------------------|---------------|
| Single packaging type       | Carton        |
| Product EAN number          | 8711971347507 |
| Packaging single width (cm) | 26.5          |
| Packaging single depth (cm) | 9.5           |

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|                                      |                |
|--------------------------------------|----------------|
| DUN14 (outer)                        | 08711971347507 |
| Packaging outer length / height (cm) | 26.5           |

SAFETY DATA

|                                     |        |
|-------------------------------------|--------|
| Optimal operating condition (°C)    | -25-25 |
| Special purpose lamp                | No     |
| Dry applications use only           | No     |
| Suitable for household illumination | No     |