

## 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, 100,000 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                            |
| General application             | Hospitality, Logistics & Industry |
| ETIM Class                      | EC002892                          |
| E-number FI                     | 4270054                           |
| Fixture luminous flux (lm)      | 1150                              |
| 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                                 |
| Beam Angle (°)                  | 120                               |
| Glare control                   | < 25                              |
| Photobiological Risk Group      | RG0                               |
| Total power consumption (W)     | 10.1                              |
| Electrical protection           | Class I                           |
| Control gear type               | LED driver constant current       |

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|                       |                        |
|-----------------------|------------------------|
| Control gear mounting | Integrated             |
| Dimmable              | No                     |
| LED Flickering Rate   | Ultra low (5% or less) |
| Housing colour        | White                  |
| IP rating             | IP44                   |
| IK rating             | IK10                   |
| Product EAN number    | 8711971347507          |
| Warranty              | 5 years                |
| Colour Code           | 840                    |
| Dimming method        | N/A                    |

### Data table

#### GENERAL DATA

|                                         |                                   |
|-----------------------------------------|-----------------------------------|
| Product name                            | GIOTTO 235 4000K RECESSED         |
| Technology                              | LED                               |
| Cap/Base                                | N/A                               |
| Housing                                 | PC Polycarbonate                  |
| Mount                                   | Ceiling recessed mounting         |
| Environment                             | Indoor                            |
| General application                     | Hospitality, Logistics & Industry |
| Operating temperature range (°C)        | -25°C...+25°C                     |
| Performance ambient temperature Tq (°C) | 25                                |
| ETIM Class                              | EC002892                          |
| E-number FI                             | 4270054                           |
| Warranty                                | 5 years                           |

#### OPTICAL DATA

|                            |      |
|----------------------------|------|
| Fixture luminous flux (lm) | 1150 |
| Luminous flux (lm)         | 1150 |
| Luminaire efficacy (lm/W)  | 114  |
| Colour temperature (K)     | 4000 |
| Colour Code                | 840  |

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|                                              |               |
|----------------------------------------------|---------------|
| Light colour                                 | Neutral White |
| CRI (Ra)                                     | 80            |
| Colour Variation Initial (SDCM)              | 3             |
| Adjustable chromaticity                      | N             |
| Beam Angle (°)                               | 120           |
| Distribution type                            | Symmetric     |
| Glare control                                | < 25          |
| Photobiological Risk Group                   | RG0           |
| Lumen maintenance at end of nominal life (%) | 80            |

### ELECTRICAL DATA

|                                                                       |                             |
|-----------------------------------------------------------------------|-----------------------------|
| Total power consumption (W)                                           | 10.1                        |
| Mains voltage (V)                                                     | 220-240V                    |
| Lamp power factor                                                     | 0.88                        |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) $\leq$ xx.x % | 10                          |
| Electrical protection                                                 | Class I                     |
| Control gear required                                                 | No                          |
| Control gear type                                                     | LED driver constant current |
| Control gear mounting                                                 | Integrated                  |
| Dimmable                                                              | No                          |
| Dimming method                                                        | N/A                         |
| Drive current (mA)                                                    | 275                         |
| Inrush Current (A)                                                    | 14                          |
| Inrush Duration ( $\mu$ s)                                            | 280                         |
| Glow Wire Test (°C)                                                   | 850                         |
| Nominal Frequency (Hz)                                                | 50/60Hz                     |
| LED Flickering Rate                                                   | Ultra low (5% or less)      |
| Max. Luminaires per 10A C Breaker                                     | 40                          |
| Max. Luminaires per 16A C Breaker                                     | 64                          |
| Max. Luminaires per 20A C Breaker                                     | 80                          |
| Max. Luminaires per 10A B Breaker                                     | 24                          |
| Max. Luminaires per 16A B Breaker                                     | 38                          |
| Max. Luminaires per 20A B Breaker                                     | 48                          |

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### LIFETIME DATA

|                  |       |
|------------------|-------|
| Lifespan L70 B50 | 60000 |
| Lifespan L70 B10 | 60000 |
| Lifespan L80 B50 | 60000 |
| Lifespan L80 B10 | 60000 |
| Lifespan L90 B50 | 37000 |
| Lifespan L90 B10 | 29000 |

### PHYSICAL DATA

|                               |                  |
|-------------------------------|------------------|
| Housing colour                | White            |
| IP rating                     | IP44             |
| IK rating                     | IK10             |
| Diffuser finish               | Opal             |
| Diffuser material             | PC Polycarbonate |
| Nominal Product Height (mm)   | 92               |
| Nominal Product Diameter (mm) | 265              |
| Weight (kg)                   | 0.86             |
| Recessed Depth (mm)           | 41               |

### PACKAGING

|                                       |                |
|---------------------------------------|----------------|
| Single packaging type                 | Carton         |
| Product EAN number                    | 8711971347507  |
| Packaging single length / height (cm) | 26.5           |
| Packaging single width (cm)           | 26.5           |
| Packaging single depth (cm)           | 9.5            |
| DUN14 (outer)                         | 08711971347507 |
| Units per outer package               | 1              |
| Packaging outer length / height (cm)  | 26.5           |
| Packaging outer width (cm)            | 26.5           |
| Packaging outer depth (cm)            | 9.5            |

### SAFETY DATA

|                                  |        |
|----------------------------------|--------|
| Optimal operating condition (°C) | -25-25 |
|----------------------------------|--------|

## GIOTTO 235 4000K RECESSED 3034750

|                                     |    |
|-------------------------------------|----|
| Special purpose lamp                | No |
| Dry applications use only           | No |
| Suitable for household illumination | No |