

GIOTTO 305 4000K RECESSED DALI EMERGENCY  
3034790



Features

- Ambient and decorative round, recessed mounted LED bulkhead luminaire. White robust polycarbonate body with opal diffuser, 1750lm, 16W, 109lm/W, 4000K, CRI 80, DALI, integral 3 hour maintained emergency, 100,000 hours lumen maintenance (L70:B50). Drive current: 600mA, IP44, IK10, Class I, 220-240V.

Product Overview

|                                 |                                          |
|---------------------------------|------------------------------------------|
| Product name                    | GIOTTO 305 4000K RECESSED DALI EMERGENCY |
| Technology                      | LED                                      |
| Cap/Base                        | N/A                                      |
| Housing                         | PC Polycarbonate                         |
| Mount                           | Ceiling recessed mounting                |
| Environment                     | Indoor                                   |
| General application             | Hospitality, Logistics & Industry        |
| ETIM Class                      | EC002892                                 |
| Fixture luminous flux (lm)      | 1750                                     |
| Luminous flux (lm)              | 1750                                     |
| Luminaire efficacy (lm/W)       | 109                                      |
| Colour temperature (K)          | 4000                                     |
| Light colour                    | Neutral White                            |
| CRI (Ra)                        | 80                                       |
| Colour Variation Initial (SDCM) | 3                                        |
| Beam Angle (°)                  | 120                                      |
| Glare control                   | < 24                                     |
| Photobiological Risk Group      | RG0                                      |
| Luminous flux (emergency) (lm)  | 138                                      |
| Luminous flux (emergency) (lm)  | 138                                      |
| Total power consumption (W)     | 20                                       |
| Electrical protection           | Class I                                  |

## GIOTTO 305 4000K RECESSED DALI EMERGENCY 3034790

|                           |                             |
|---------------------------|-----------------------------|
| Control gear type         | LED driver constant current |
| Control gear mounting     | Integrated                  |
| Dimmable                  | Yes                         |
| Minimum dimming level (%) | 1                           |
| LED Flickering Rate       | Ultra low (5% or less)      |
| Housing colour            | White                       |
| IP rating                 | IP44                        |
| IK rating                 | IK10                        |
| Product EAN number        | 8711971347903               |
| Warranty                  | 5 years                     |
| Colour Code               | 840                         |
| Dimming method            | DALI                        |

### Data table

#### GENERAL DATA

|                                         |                                          |
|-----------------------------------------|------------------------------------------|
| Product name                            | GIOTTO 305 4000K RECESSED DALI EMERGENCY |
| Technology                              | LED                                      |
| Cap/Base                                | N/A                                      |
| Housing                                 | PC Polycarbonate                         |
| Mount                                   | Ceiling recessed mounting                |
| Environment                             | Indoor                                   |
| General application                     | Hospitality, Logistics & Industry        |
| Operating temperature range (°C)        | 1°C...+25°C                              |
| Performance ambient temperature Tq (°C) | 25                                       |
| ETIM Class                              | EC002892                                 |
| Warranty                                | 5 years                                  |

#### OPTICAL DATA

|                            |      |
|----------------------------|------|
| Fixture luminous flux (lm) | 1750 |
| Luminous flux (lm)         | 1750 |
| Luminaire efficacy (lm/W)  | 109  |

## GIOTTO 305 4000K RECESSED DALI EMERGENCY 3034790

|                                              |               |
|----------------------------------------------|---------------|
| Colour temperature (K)                       | 4000          |
| Colour Code                                  | 840           |
| Light colour                                 | Neutral White |
| CRI (Ra)                                     | 80            |
| Colour Variation Initial (SDCM)              | 3             |
| Adjustable chromaticity                      | N             |
| Beam Angle (°)                               | 120           |
| Distribution type                            | Symmetric     |
| Glare control                                | < 24          |
| Photobiological Risk Group                   | RG0           |
| Lumen maintenance at end of nominal life (%) | 80            |
| Luminous flux (emergency) (lm)               | 138           |
| Luminous flux (emergency) (lm)               | 138           |
| Emergency duration (h)                       | 3             |

### ELECTRICAL DATA

|                                                          |                             |
|----------------------------------------------------------|-----------------------------|
| Total power consumption (W)                              | 20                          |
| Mains voltage (V)                                        | 220-240V                    |
| Lamp power factor                                        | 0.95                        |
| Electrical protection                                    | Class I                     |
| Control gear required                                    | No                          |
| Control gear type                                        | LED driver constant current |
| Control gear mounting                                    | Integrated                  |
| Dimmable                                                 | Yes                         |
| Dimming method                                           | DALI                        |
| Minimum dimming level (%)                                | 1                           |
| Drive current (mA)                                       | 600                         |
| Inrush Current (A)                                       | 5                           |
| Inrush Duration (µs)                                     | 50                          |
| Glow Wire Test (°C)                                      | 850                         |
| Energy Efficiency Class (A->G) of contained light source | D                           |
| Nominal Frequency (Hz)                                   | 50/60Hz                     |
| LED Flickering Rate                                      | Ultra low (5% or less)      |

## GIOTTO 305 4000K RECESSED DALI EMERGENCY 3034790

|                                   |     |
|-----------------------------------|-----|
| Max. Luminaires per 10A C Breaker | 52  |
| Max. Luminaires per 16A C Breaker | 85  |
| Max. Luminaires per 20A C Breaker | 104 |
| Max. Luminaires per 10A B Breaker | 31  |
| Max. Luminaires per 16A B Breaker | 50  |
| Max. Luminaires per 20A B Breaker | 62  |

### LIFETIME DATA

|                  |       |
|------------------|-------|
| Lifespan L70 B50 | 60000 |
| Lifespan L70 B10 | 60000 |
| Lifespan L80 B50 | 60000 |
| Lifespan L80 B10 | 60000 |
| Lifespan L90 B50 | 40000 |
| Lifespan L90 B10 | 32000 |

### PHYSICAL DATA

|                               |                  |
|-------------------------------|------------------|
| Housing colour                | White            |
| IP rating                     | IP44             |
| IK rating                     | IK10             |
| Diffuser finish               | Opal             |
| Diffuser material             | PC Polycarbonate |
| Nominal Product Height (mm)   | 104              |
| Nominal Product Diameter (mm) | 325              |
| Weight (kg)                   | 1.41             |
| Recessed Depth (mm)           | 41               |

### PACKAGING

|                                       |                |
|---------------------------------------|----------------|
| Single packaging type                 | Carton         |
| Product EAN number                    | 8711971347903  |
| Packaging single length / height (cm) | 32.5           |
| Packaging single width (cm)           | 32.5           |
| Packaging single depth (cm)           | 10.0           |
| DUN14 (outer)                         | 08711971347903 |
| Units per outer package               | 1              |

GIOTTO 305 4000K RECESSED DALI EMERGENCY  
3034790

|                                      |      |
|--------------------------------------|------|
| Packaging outer length / height (cm) | 32.5 |
| Packaging outer width (cm)           | 32.5 |
| Packaging outer depth (cm)           | 10.0 |

SAFETY DATA

|                                     |      |
|-------------------------------------|------|
| Optimal operating condition (°C)    | 1-25 |
| Special purpose lamp                | No   |
| Dry applications use only           | No   |
| Suitable for household illumination | No   |