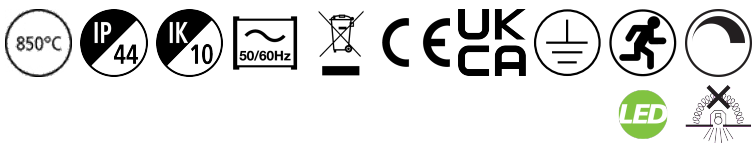


GIOTTO 305 3000K SURFACE DALI EMERGENCY  
3034793



Features

- Ambient and decorative round, surface mounted LED bulkhead luminaire. White robust polycarbonate body with opal diffuser, 1625lm, 18W, 91lm/W, 3000K, CRI 80, DALI, integral 3 hour maintained emergency, 120,000 hours lumen maintenance (L70:B50). Drive current: 600mA, IP44, IK10, Class I, 220-240V.

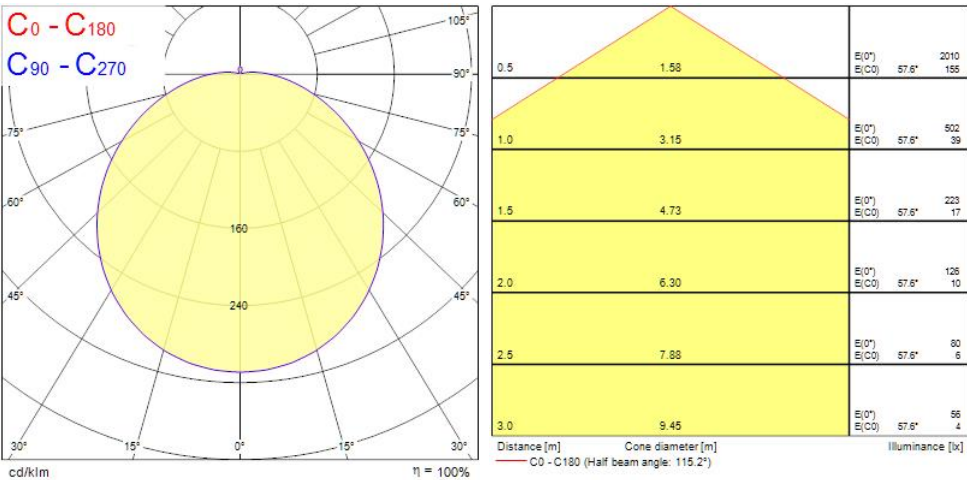
Product Overview

|                                   |                                                 |
|-----------------------------------|-------------------------------------------------|
| Product name                      | GIOTTO 305 3000K SURFACE DALI EMERGENCY         |
| Technology                        | LED                                             |
| Cap/Base                          | N/A                                             |
| Housing                           | PC Polycarbonate                                |
| Mount                             | Ceiling recessed mounting, Wall surface mounted |
| Environment                       | Indoor                                          |
| General application               | Hospitality, Logistics & Industry               |
| ETIM Class                        | EC002892                                        |
| Fixture luminous flux (lm)        | 1625                                            |
| Luminaire efficacy (lm/W)         | 91                                              |
| Correlated colour temperature (k) | 3000                                            |
| Light colour                      | Warm White                                      |
| CRI (Ra)                          | 80                                              |
| Colour Variation Initial (SDCM)   | 3                                               |
| Beam Angle (°)                    | 120                                             |
| Glare control                     | < 24                                            |
| Photobiological Risk Group        | RG0                                             |
| Luminous flux (emergency) (lm)    | 128                                             |
| Luminous flux (emergency) (lm)    | 128                                             |

GIOTTO 305 3000K SURFACE DALI EMERGENCY  
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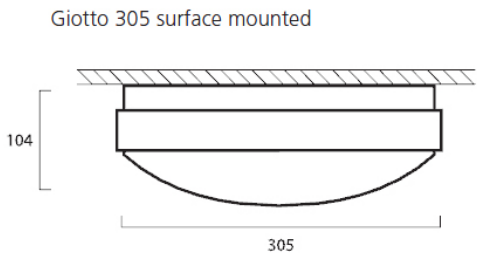
|                             |                             |
|-----------------------------|-----------------------------|
| Total power consumption (W) | 18                          |
| Electrical protection       | Class I                     |
| Control gear type           | LED driver constant current |
| 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          | 8711971347934               |
| Warranty                    | 5 years                     |
| Dimming method              | DALI                        |
| Colour Code                 | 830                         |

Photometry



GIOTTO 305 3000K SURFACE DALI EMERGENCY  
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Technical drawings



Data table

GENERAL DATA

|                                         |                                                 |
|-----------------------------------------|-------------------------------------------------|
| Product name                            | GIOTTO 305 3000K SURFACE DALI EMERGENCY         |
| Technology                              | LED                                             |
| Cap/Base                                | N/A                                             |
| Housing                                 | PC Polycarbonate                                |
| Mount                                   | Ceiling recessed mounting, Wall surface mounted |
| 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)        | 1625       |
| Luminaire efficacy (lm/W)         | 91         |
| Correlated colour temperature (k) | 3000       |
| Colour Code                       | 830        |
| Light colour                      | Warm White |
| CRI (Ra)                          | 80         |

## GIOTTO 305 3000K SURFACE DALI EMERGENCY 3034793

|                                              |           |
|----------------------------------------------|-----------|
| 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)               | 128       |
| Luminous flux (emergency) (lm)               | 128       |
| Emergency duration (h)                       | 3         |

### ELECTRICAL DATA

|                                                          |                             |
|----------------------------------------------------------|-----------------------------|
| Total power consumption (W)                              | 18                          |
| Primary Supply/Product voltage - min (V)                 | 220                         |
| Primary Supply/Product voltage - max (V)                 | 240                         |
| 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                          |
| Energy Efficiency Class (A->G) of contained light source | D                           |
| Nominal Frequency (Hz)                                   | 50/60Hz                     |
| LED Flickering Rate                                      | Ultra low (5% or less)      |
| Max. products per 10A C Breaker                          | 52                          |
| Max. products per 16A C Breaker                          | 85                          |
| Max. products per 20A C Breaker                          | 104                         |
| Max. products per 10A B Breaker                          | 31                          |

## GIOTTO 305 3000K SURFACE DALI EMERGENCY 3034793

|                                                                 |      |
|-----------------------------------------------------------------|------|
| Max. products per 16A B Breaker                                 | 50   |
| Max. products per 20A B Breaker                                 | 62   |
| Connectable conductor cross section -<br>Min (mm <sup>2</sup> ) | 0.75 |
| Connectable conductor cross section -<br>Max (mm <sup>2</sup> ) | 2.5  |

### LIFETIME DATA

|                  |        |
|------------------|--------|
| Lifespan L70 B10 | 120000 |
| Lifespan L80 B50 | 120000 |
| Lifespan L90 B50 | 74500  |

### 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) | 305              |
| Weight (kg)                   | 1.41             |

### PACKAGING

|                                       |                |
|---------------------------------------|----------------|
| Product EAN number                    | 8711971347934  |
| Packaging single length / height (cm) | 32.5           |
| Packaging single width (cm)           | 32.5           |
| Packaging single depth (cm)           | 10.0           |
| DUN14 (inner)                         | 08711971347934 |
| Units per outer package               | 1              |
| Packaging outer length / height (cm)  | 32.5           |
| Packaging outer width (cm)            | 32.5           |
| Packaging outer depth (cm)            | 10.0           |

### SAFETY DATA



GIOTTO 305 3000K SURFACE DALI EMERGENCY  
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|                                     |      |
|-------------------------------------|------|
| Glow Wire Test (°C)                 | 850  |
| Optimal operating condition (°C)    | 1-25 |
| Special purpose lamp                | No   |
| Dry applications use only           | No   |
| Suitable for household illumination | No   |