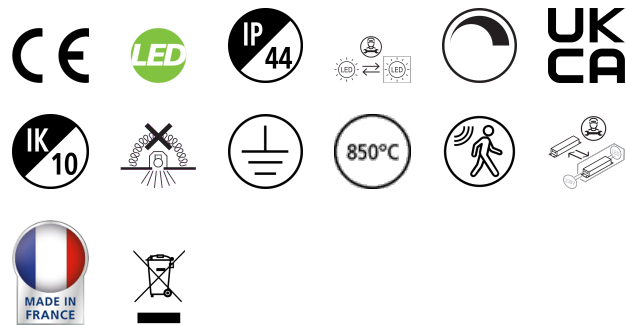


# GIOTTO 305 3000K RECESSED 1-10V MW SENSOR

Item No: 3034779



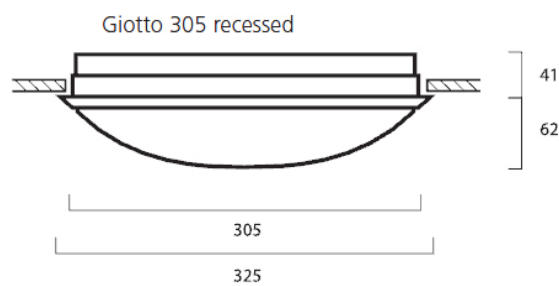
PRO



Ambient and decorative round, recessed mounted LED bulkhead luminaire. White robust polycarbonate body with opal diffuser, 1625lm, 16.5W, 99lm/W, 3000K, CRI 80, 1-10V dimmable, integral microwave sensor. 120,000 hours lumen maintenance (L70:B50). Drive current: 600mA, IP44, IK10, Class I, 220-240V.

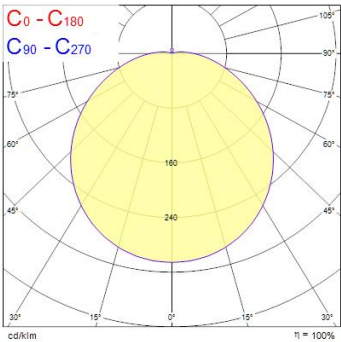
## Technical Assets

### Dimensions (mm)



### Photometrics

| Distance [m] | Cone diameter [m] | Beam angle [°] | Beam diameter [m] | Illuminance [lx] |
|--------------|-------------------|----------------|-------------------|------------------|
| 0.5          | 1.61              | 180°           | 1.61              | 147              |
| 1.0          | 3.21              | 90°            | 3.21              | 59               |
| 1.5          | 4.82              | 60°            | 4.82              | 25               |
| 2.0          | 6.43              | 45°            | 6.43              | 16               |
| 2.5          | 8.03              | 36°            | 8.03              | 10               |
| 3.0          | 9.64              | 30°            | 9.64              | 7                |



# GIOTTO 305 3000K RECESSED 1-10V MW SENSOR

Item No: 3034779



## General data

|                                         |                                           |
|-----------------------------------------|-------------------------------------------|
| Product name                            | GIOTTO 305 3000K RECESSED 1-10V MW SENSOR |
| 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                             | 4270177                                   |
| Warranty                                | 5 years                                   |

## Optical data

|                                              |            |
|----------------------------------------------|------------|
| Useful luminous flux (Φuse)                  | 1625       |
| Fixture luminous flux (lm)                   | 1625       |
| Luminous flux (lm)                           | 1625       |
| Luminaire efficacy (lm/W)                    | 99         |
| Correlated colour temperature (k)            | 3000       |
| Colour Code                                  | 830        |
| Light colour                                 | Warm White |
| CRI (Ra)                                     | 80         |
| Colour Variation Initial (SDCM)              | SDCM3      |
| Adjustable chromaticity                      | N          |
| Beam Angle (°)                               | 120        |
| Distribution type                            | Symmetric  |
| Glare control                                | < 24       |
| Photobiological Risk Group                   | RG0        |
| Lumen maintenance at end of nominal life (%) | 80         |

## Electrical data

|                                                          |                             |
|----------------------------------------------------------|-----------------------------|
| Total power consumption (W)                              | 16.5                        |
| 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                                           | 1-10V (Analogue)            |
| 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                          |
| Max. products per 16A B Breaker                          | 50                          |
| Max. products per 20A B Breaker                          | 62                          |
| Connectable conductor cross section - Min (mm²)          | 0.75                        |
| Connectable conductor cross section - Max (mm²)          | 2.5                         |

## Lifetime data

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

# GIOTTO 305 3000K RECESSED 1-10V MW SENSOR

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## 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)                   | 1.11             |
| Recessed Depth (mm)           | 41               |

## Packaging

|                                       |                |
|---------------------------------------|----------------|
| Product EAN number                    | 8711971347798  |
| Packaging single length / height (cm) | 32.5           |
| Packaging single width (cm)           | 32.5           |
| Packaging single depth (cm)           | 10.0           |
| DUN14 (inner)                         | 08711971347798 |
| 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

|                                  |        |
|----------------------------------|--------|
| Glow Wire Test (°C)              | 850    |
| Optimal operating condition (°C) | -25-25 |