

GIOTTO 305 4000K RECESSED 1-10V MW SENSOR
3034778



Features

- Ambient and decorative round, recessed mounted LED bulkhead luminaire. White robust polycarbonate body with opal diffuser, 1750lm, 14.7W, 119lm/W, 4000K, CRI 80, 1-10V dimmable, integral microwave sensor. 100,000 hours lumen maintenance (L70:B50). Drive current: 600mA, IP44, IK10, Class I, 220-240V.

Product Overview

Product name	GIOTTO 305 4000K 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
ETIM Class	EC002892
E-number FI	4270189
Fixture luminous flux (lm)	1750
Luminous flux (lm)	1750
Luminaire efficacy (lm/W)	119
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)	19
Electrical protection	Class I

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Control gear type	LED driver constant current
Control gear mounting	Integrated
Dimmable	Yes
LED Flickering Rate	Ultra low (5% or less)
Housing colour	White
IP rating	IP44
IK rating	IK10
Product EAN number	8711971347781
Warranty	5 years
Colour Code	840
Dimming method	1-10V (Analogue)

Data table

GENERAL DATA

Product name	GIOTTO 305 4000K 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	4270189
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	1750
Luminous flux (lm)	1750
Luminaire efficacy (lm/W)	119

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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	< 25
Photobiological Risk Group	RG0
Lumen maintenance at end of nominal life (%)	80

ELECTRICAL DATA

Total power consumption (W)	19
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	1-10V (Analogue)
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)
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

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Max. Luminaires per 16A B Breaker	50
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Max. Luminaires per 20A B Breaker	62
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LIFETIME DATA

Lifespan L70 B50	60000
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Lifespan L70 B10	60000
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Lifespan L80 B50	60000
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Lifespan L80 B10	60000
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Lifespan L90 B50	40000
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Lifespan L90 B10	32000
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PHYSICAL DATA

Housing colour	White
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IP rating	IP44
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IK rating	IK10
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Diffuser finish	Opal
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Diffuser material	PC Polycarbonate
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Nominal Product Height (mm)	104
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Nominal Product Diameter (mm)	325
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Weight (kg)	1.11
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Recessed Depth (mm)	41
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PACKAGING

Single packaging type	Carton
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Product EAN number	8711971347781
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Packaging single length / height (cm)	32.5
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Packaging single width (cm)	32.5
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Packaging single depth (cm)	10.0
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DUN14 (outer)	08711971347781
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Units per outer package	1
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Packaging outer length / height (cm)	32.5
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Packaging outer width (cm)	32.5
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Packaging outer depth (cm)	10.0
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SAFETY DATA

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