

GIOTTO 305 3000K SURFACE 1-10V EMERGENCY
3034789



Features

- Ambient and decorative round, surface mounted LED bulkhead luminaire. White robust polycarbonate body with opal diffuser, 1625lm, 16W, 102lm/W, 3000K, CRI 80, 1-10V dimmable, 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 1-10V EMERGENCY
Technology	LED
Cap/Base	N/A
Housing	PC Polycarbonate
Mount	Ceiling recessed mounting, Wall surface mounted
Environment	Indoor
Fixture luminous flux (lm)	1625
Luminaire efficacy (lm/W)	102
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Glare control	< 24
Photobiological Risk Group	RG0
Luminous flux (emergency) (lm)	128
Total power consumption (W)	16

Electrical protection	Class I
Control gear type	LED driver constant current
Control gear mounting	Integrated
LED Flickering Rate	Ultra low (5% or less)
Housing colour	White
IP rating	IP44
IK rating	IK10
Product EAN number	8711971347897
Warranty	5 years
Colour Code	830

Distance [m]	Cone diameter [m]	E ₀ [lx]	E ₁ [lx]	E ₂ [lx]
0.5	1.58	2010	57.6°	158
1.0	3.15	502	57.6°	39
1.5	4.73	223	57.6°	17
2.0	6.30	126	57.6°	10
2.5	7.88	80	57.6°	6
3.0	9.45	56	57.6°	4

Technical drawings

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Data table

GENERAL DATA

Product name	GIOTTO 305 3000K SURFACE 1-10V EMERGENCY
Technology	LED
Cap/Base	N/A
Housing	PC Polycarbonate
Mount	Ceiling recessed mounting, Wall surface mounted
Environment	Indoor
Operating temperature range (°C)	1°C...+25°C
Performance ambient temperature Tq (°C)	25
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	1625
Luminaire efficacy (lm/W)	102
Colour temperature (K)	3000
Colour Code	830
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Adjustable chromaticity	N
Glare control	< 24
Photobiological Risk Group	RG0
Lumen maintenance at end of nominal life (%)	80
Luminous flux (emergency) (lm)	128
Emergency duration (h)	3

ELECTRICAL DATA

Total power consumption (W)	16
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Primary Supply/Product voltage - min (V)	220
Lamp power factor	0.95
Electrical protection	Class I
Control gear required	No
Control gear type	LED driver constant current
Control gear mounting	Integrated
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. products per 10A C Breaker	52
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 B50	170000
Lifespan L80 B10	127500
Lifespan L90 B10	62500

PHYSICAL DATA

Housing colour	White
IP rating	IP44
IK rating	IK10
Diffuser finish	Opal
Diffuser material	PC Polycarbonate
Nominal Product Diameter (mm)	305
Weight (kg)	1.41

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PACKAGING

Single packaging type	Carton
Product EAN number	8711971347897
Packaging single width (cm)	32.5
Packaging single depth (cm)	10.0
DUN14 (outer)	08711971347897
Packaging outer length / height (cm)	32.5

SAFETY DATA

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