

GIOTTO 305 3000K RECESSED

Item No: 3034763



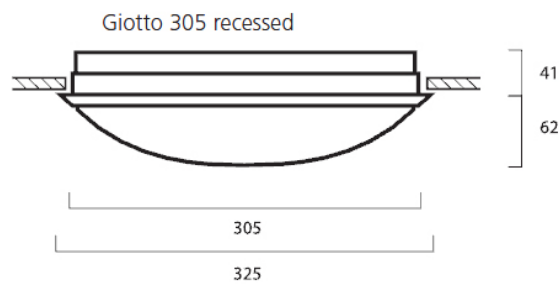
PRO



Ambient and decorative round, recessed mounted LED bulkhead luminaire. White robust polycarbonate body with opal diffuser, 1625lm, 16.2W, 101lm/W, 3000K, CRI 80, non-dimmable, 120,000 hours lumen maintenance (L70:B50). Drive current: 600mA, IP44, IK10, Class I, 220-240V.

Technical Assets

Dimensions (mm)

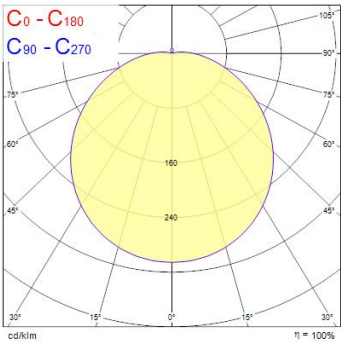


Photometrics

Distance [m]	Cone diameter [m]	Beam angle [°]	Beam diameter [m]	Beam area [m²]	Illuminance [lx]
0.5	1.61	180°	1.61	2.57	147
1.0	3.21	180°	3.21	10.3	37
1.5	4.82	180°	4.82	23.1	15
2.0	6.43	180°	6.43	41.3	9
2.5	8.03	180°	8.03	64.5	6
3.0	9.64	180°	9.64	92.7	4

Distance [m] Cone diameter [m] Beam angle [°] Beam diameter [m] Beam area [m²] Illuminance [lx]

CG - C180 (Half beam angle: 115.2°)



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General data

Product name	GIOTTO 305 3000K RECESSED
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	4270120
Warranty	5 years

Optical data

Useful luminous flux (Φuse)	1625
Fixture luminous flux (lm)	1625
Luminous flux (lm)	1625
Luminaire efficacy (lm/W)	101
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)	16.2
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
Lamp power factor	0.92
Electrical protection	Class I
Control gear required	No
Control gear type	LED driver constant current
Control gear mounting	Integrated
Dimmable	No
Dimming method	N/A
Drive current (mA)	600
Inrush Current (A)	40
Inrush Duration (µs)	400
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	20
Max. products per 16A C Breaker	30
Max. products per 20A C Breaker	36
Max. products per 10A B Breaker	12
Max. products per 16A B Breaker	18
Max. products per 20A B Breaker	22
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

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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	8711971347637
Packaging single length / height (cm)	32.5
Packaging single width (cm)	32.5
Packaging single depth (cm)	10.0
DUN14 (inner)	08711971347637
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