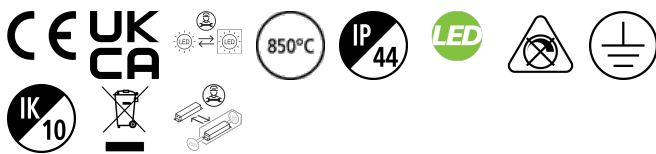


Giotto LED 235
GIOTTO 235 4000K SURFACE
3034752



Product features

- Ambient and decorative round, surface mounted LED bulkhead luminaire. White robust polycarbonate body with opal diffuser, 1150lm, 10.1W, 114lm/W, 4000K, CRI 80, non-dimmable, 120,000 hours lumen maintenance (L70:B50). Drive current: 275mA, IP44, IK10, Class I, 220-240V.



PRODUCT OVERVIEW

Product name	GIOTTO 235 4000K SURFACE
Technology	LED
Cap/Base	N/A
Housing	PC Polycarbonate
Mount	Ceiling surface mounting, Wall surface mounted
Environment	Indoor
General application	Hospitality, Logistics & Industry
ETIM Class	EC002892
E-number FI	4270081
Warranty	5 years
Fixture luminous flux (lm)	1150
Luminous flux (lm)	1150
Luminaire efficacy (lm/W)	114
Colour temperature (K)	4000
Colour Code	840
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	120
Glare control	< 25
Photobiological Risk Group	RG0
Total power consumption (W)	10.1
Electrical protection	Class I
Control gear type	LED driver constant current
Control gear mounting	Integrated
Dimmable	No
Dimming method	N/A
LED Flickering Rate	Ultra low (5% or less)
Housing colour	White
IP rating	IP44
IK rating	IK10
Product EAN number	8711971347521

Giotto LED 235

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DATA TABLE

General data

Product name	GIOTTO 235 4000K SURFACE
Technology	LED
Cap/Base	N/A
Housing	PC Polycarbonate
Mount	Ceiling surface mounting, Wall surface mounted
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	4270081
Warranty	5 years

Optical data

Fixture luminous flux (lm)	1150
Luminous flux (lm)	1150
Luminaire efficacy (lm/W)	114
Colour temperature (K)	4000
Colour Code	840
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
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)	10.1
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
Lamp power factor	0.88
THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x %	10
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)	275
Inrush Current (A)	14

Giotto LED 235

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Inrush Duration (µs)	280
Glow Wire Test (°C)	850
Energy Efficiency Class (A->G) of contained light source	C
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. products per 10A C Breaker	40
Max. products per 16A C Breaker	64
Max. products per 20A C Breaker	80
Max. products per 10A B Breaker	24
Max. products per 16A B Breaker	38
Max. products per 20A B Breaker	48
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	129000
Lifespan L90 B10	63000

Physical data

Housing colour	White
IP rating	IP44
IK rating	IK10
Diffuser finish	Opal
Diffuser material	PC Polycarbonate
Nominal Product Height (mm)	92
Nominal Product Diameter (mm)	235
Weight (kg)	0.86

Packaging

Single packaging type	Carton
Product EAN number	8711971347521
Packaging single length / height (cm)	26.5
Packaging single width (cm)	26.5
Packaging single depth (cm)	9.5
DUN14 (outer)	08711971347521
Units per outer package	1
Packaging outer length / height (cm)	26.5
Packaging outer width (cm)	26.5
Packaging outer depth (cm)	9.5

Safety data

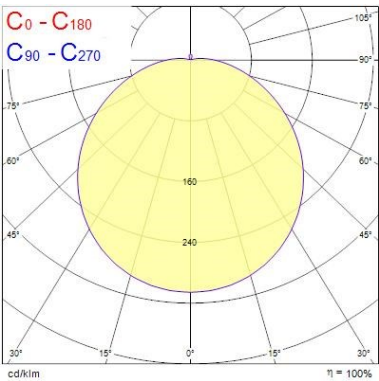
Optimal operating condition (°C)	-25-25
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PHOTOMETRY

0.5	1.61	E(0°) E(C0)	58.1°	1408 104
1.0	3.21	E(0°) E(C0)	58.1°	352 26
1.5	4.82	E(0°) E(C0)	58.1°	158 12
2.0	6.43	E(0°) E(C0)	58.1°	88 7
2.5	8.03	E(0°) E(C0)	58.1°	58 4
3.0	9.64	E(0°) E(C0)	58.1°	39 3

Distance [m] Cone diameter [m] Illuminance [lx]
C0 - C180 (Half beam angle: 116.2°)



TECHNICAL DRAWINGS

