

Lumiance

GIOTTO 235 3000K SURFACE 3034753



Features

- Ambient and decorative round, surface mounted LED bulkhead luminaire. White robust polycarbonate body with opal diffuser, 1075lm, 10.1W, 106lm/W, 3000K, CRI 80, non-dimmable, 120,000 hours lumen maintenance (L70:B50). Drive current: 275mA, IP44, IK10, Class I, 220-240V.

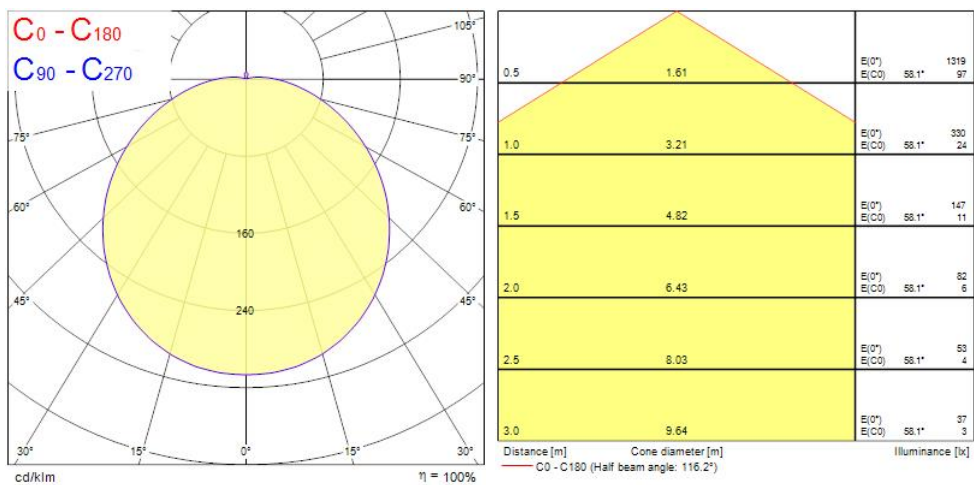
Product Overview

Product name	GIOTTO 235 3000K SURFACE
Technology	LED
Cap/Base	N/A
Housing	PC Polycarbonate
Mount	Ceiling surface mounting, Wall surface mounted
Environment	Indoor
E-number FI	4270070
Fixture luminous flux (lm)	1075
Luminaire efficacy (lm/W)	106
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
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
LED Flickering Rate	Ultra low (5% or less)
Housing colour	White

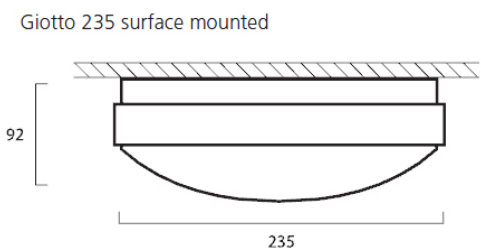
GIOTTO 235 3000K SURFACE
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IP rating	IP44
IK rating	IK10
Product EAN number	8711971347538
Warranty	5 years
Colour Code	830

Photometry



Technical drawings



Data table

GENERAL DATA

Product name	GIOTTO 235 3000K SURFACE
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Technology	LED
Cap/Base	N/A
Housing	PC Polycarbonate
Mount	Ceiling surface mounting, Wall surface mounted
Environment	Indoor
Operating temperature range (°C)	-25°C...+25°C
Performance ambient temperature Tq (°C)	25
E-number FI	4270070
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	1075
Luminaire efficacy (lm/W)	106
Colour temperature (K)	3000
Colour Code	830
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Adjustable chromaticity	N
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
Lamp power factor	0.88
Electrical protection	Class I
Control gear required	No
Control gear type	LED driver constant current
Control gear mounting	Integrated
Drive current (mA)	275

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Inrush Current (A)	14
Inrush Duration (µs)	280
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	40
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 Diameter (mm)	235
Weight (kg)	0.86

PACKAGING

Single packaging type	Carton
Product EAN number	8711971347538
Packaging single width (cm)	26.5
Packaging single depth (cm)	9.5
DUN14 (outer)	08711971347538

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Packaging outer length / height (cm)	26.5
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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