

GIOTTO 235 4000K RECESSED 1-10V

Item No: 3034754

SYLVANIA

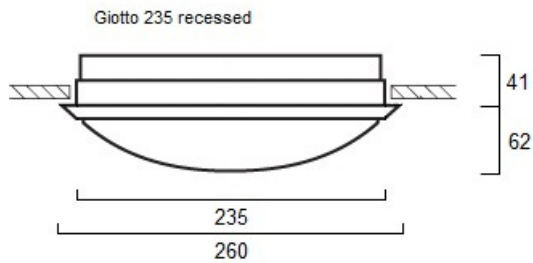
PROTM



Ambient and decorative round, recessed mounted LED bulkhead luminaire. White robust polycarbonate body with opal diffuser, 1150lm, 10.1W, 114lm/W, 4000K, CRI 80, 1-10V dimmable, 120,000 hours lumen maintenance (L70:B50). Drive current: 275mA, IP44, IK10, Class I, 220-240V. Tp(a) rated diffuser that self-extinguishes within 5 sec when a flame has been removed.

Technical Assets

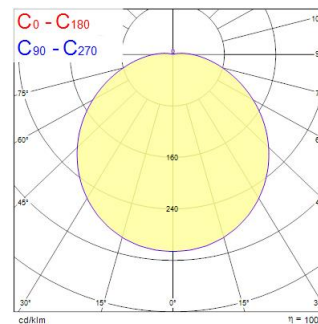
Dimensions (mm)



Photometrics

Distance [m]	Cone diameter [m]	Beam angle [°]	Illuminance [lx]
0.5	1.62	50°	1405
1.0	3.24	50°	352
1.5	4.86	50°	156
2.0	6.48	50°	88
2.5	8.10	50°	56
3.0	9.71	50°	39

Distance [m] Cone diameter [m]
C0 - C180 (half beam angle: 116.6°)



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General data

Product name	GIOTTO 235 4000K RECESSED 1-10V
Technology	LED
Cap/Base	N/A
Housing	PC Polycarbonate
Mount	Ceiling recessed mounting
Built in presence detector	NONE
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	4270057
Warranty	5 years

Optical data

Fixture luminous flux (lm)	1150
Luminaire efficacy (lm/W)	114
Correlated 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)	198.0
Primary Supply/Product voltage - max (V)	264.0
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)	300
Inrush Current (A)	5
Inrush Duration (µs)	50
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	52
Max. products per 16A C Breaker	85
Max. products per 20A C Breaker	104
Max. products per 10A B Breaker	31
Max. products per 16A B Breaker	50
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 B10	120000
Lifespan L80 B50	120000
Lifespan L90 B50	73500

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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)	92
Nominal Product Diameter (mm)	265
Weight (kg)	0.86
Recessed Depth (mm)	41

Packaging

Product EAN number	8711971347545
Packaging single length / height (cm)	26.5
Packaging single width (cm)	26.5
Packaging single depth (cm)	9.5
DUN14 (inner)	08711971347545
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

Glow Wire Test (°C)	850
Optimal operating condition (°C)	-25-25