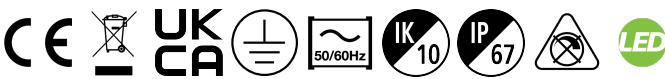# SYLVANIA

INTERRATA XS IP67 CLEAR 100LM 830 NB
0049038

Features

• Round shaped in-ground luminaire with fixed light module, walk-over for pressure loads to 500kg (5kN), comes with 2m 3x1mm2 flying lead and recessing tube, aluminium housing with Stainless steel (SS316) decorative ring and clear glass diffuser, IP67, IK10, Class I, non-dimmable, 125lm, 2.7W, 46lm/W, CRI80, 12° beam angle, 50000 hrs L70 B50 lumen maintenance, 100mm diameter, 129mm recessing tube height, 0.42kg weight.
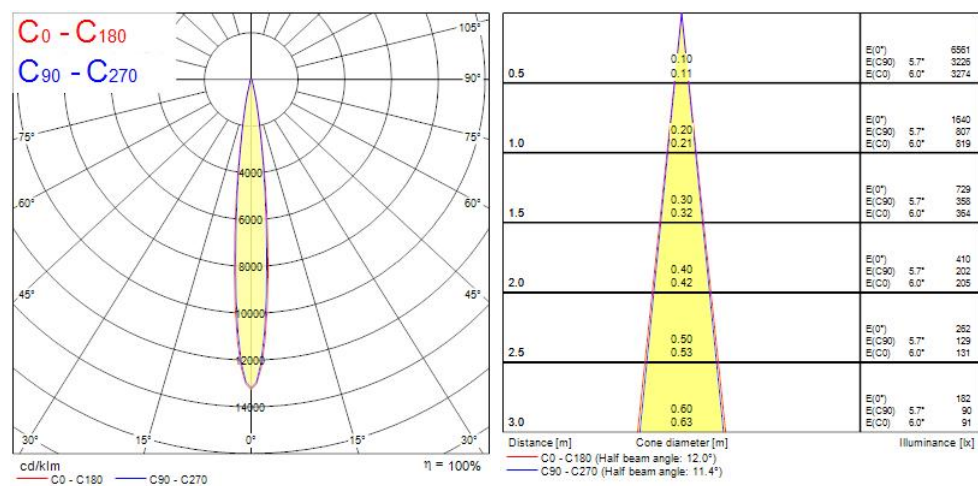
Product Overview

Product name	INTERRATA XS IP67 CLEAR 100LM 830 NB
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ground recessed
General application	Hospitality, Museums & Galleries, Office, Residential & Consumer
ETIM Class	EC000758
E-number FI	4579501
Fixture luminous flux (lm)	125
Luminaire efficacy (lm/W)	46
Correlated colour temperature (k)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	5
Beam Angle (°)	12
Photobiological Risk Group	RG0
Total power consumption (W)	2.7
Electrical protection	Class I
Dimmable	No
LED Flickering Rate	Low (6% - 20%)

Light your world

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INTERRATA XS IP67 CLEAR 100LM 830 NB
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Housing colour	Stainless steel
IP rating	IP67
IK rating	IK10
Product EAN number	5410288490380
Warranty	5 years
Colour Code	830

Photometry

Distance [m]	Cone diameter [m]		Illuminance [lx]	
0.5	0.10	0.11	E(0°) E(C90) 5.7° E(C0) 6.0°	6561 3226 3274
1.0	0.20	0.21	E(0°) E(C90) 5.7° E(C0) 6.0°	1640 807 819
1.5	0.30	0.32	E(0°) E(C90) 5.7° E(C0) 6.0°	729 358 364
2.0	0.40	0.42	E(0°) E(C90) 5.7° E(C0) 6.0°	410 202 205
2.5	0.50	0.53	E(0°) E(C90) 5.7° E(C0) 6.0°	262 129 131
3.0	0.60	0.63	E(0°) E(C90) 5.7° E(C0) 6.0°	182 90 91

C0 - C180 (Half beam angle: 12.0°)
C90 - C270 (Half beam angle: 11.4°)

Technical drawings

Ø 100
98
129 +1/0
Ø 66

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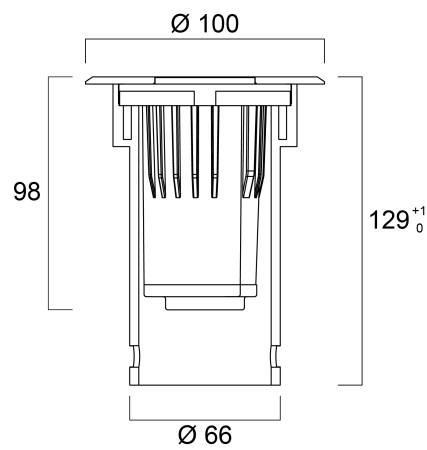
INTERRATA XS IP67 CLEAR 100LM 830 NB
0049038

Data table

GENERAL DATA

Product name	INTERRATA XS IP67 CLEAR 100LM 830 NB
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ground recessed
General application	Hospitality, Museums & Galleries, Office, Residential & Consumer
Operating temperature range (°C)	-20°C...+45°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC000758
E-number FI	4579501
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	125
Luminaire efficacy (lm/W)	46
Correlated colour temperature (k)	3000
Colour Code	830
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	5
Beam Angle (°)	12
Distribution type	Symmetric
Photobiological Risk Group	RG0

ELECTRICAL DATA

Total power consumption (W)	2.7
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240

Light your world

INTERRATA XS IP67 CLEAR 100LM 830 NB
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Electrical protection	Class I
Control gear required	No
Dimmable	No
Drive current (mA)	550
Inrush Current (A)	15
Inrush Duration (µs)	200
Energy Efficiency Class (A->G) of contained light source	G
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Low (6% - 20%)
Max. products per 10A C Breaker	60
Max. products per 13A C Breaker	78
Max. products per 16A C Breaker	96
Max. products per 20A C Breaker	120
Max. products per 10A B Breaker	35
Max. products per 13A B Breaker	48
Max. products per 16A B Breaker	58
Max. products per 20A B Breaker	72

LIFETIME DATA

Lifespan L70 B50	50000

PHYSICAL DATA

Housing colour	Stainless steel
IP rating	IP67
IK rating	IK10
Diffuser material	Glass
Nominal Product Height (mm)	129
Nominal Product Diameter (mm)	100
Weight (kg)	0.42

PACKAGING

Product EAN number	5410288490380
Packaging single length / height (cm)	11.0

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INTERRATA XS IP67 CLEAR 100LM 830 NB
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Packaging single width (cm)	11.0
Packaging single depth (cm)	14.0
DUN14 (inner)	15410288490387
Units per outer package	12
Packaging outer length / height (cm)	35.0
Packaging outer width (cm)	24.0
Packaging outer depth (cm)	29.5

SAFETY DATA

Optimal operating condition (°C)	-20-45
Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No

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