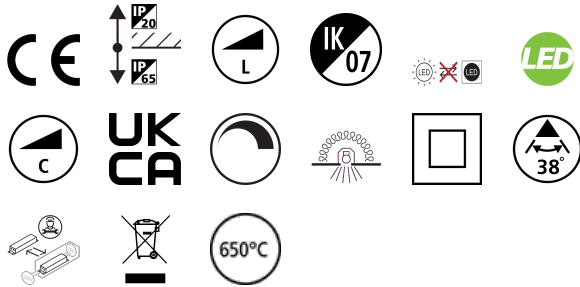


Obico 80 IP65 Fire 2CCT 930/940 DIM WHT

Item No: 0005367

SYLVANIA

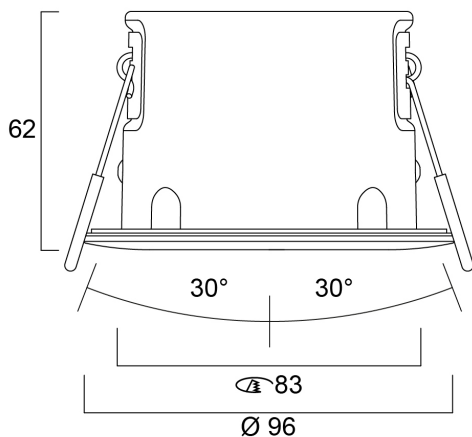
PRO



Integrated LED fire rated recessed spotlight, 2-axis adjustable (horizontal rotation 360°, vertical tilt 30°) RAL9016 white bezel colour, two temperature light colors selectable: 3000K, 4000K. Lumen output 820lm (4000K), 8.2W, dimmable trailing/leading edge, 38° degree beam angle, steel body, low profile 57mm recessed depth, IP65 frontal degree, IK07, loop-in/loop-out terminals for fast wiring, 83mm cutout, clear lens. Additional chrome bezel ring included in the packaging. Designed and tested to meet Fire Rating Standards (30, 60, 90-minute fire rated ceilings) for safety and reassurance: BS 476-21:1987. Fire rated model tested for 30 & 60 minute I-Joist ceiling system (TRUfloorsystems® by Staircraft). Air-proof, to limit air leakage when used in residential applications within the building's thermal envelope. Directly coverable with insulation material according to EN60598-1

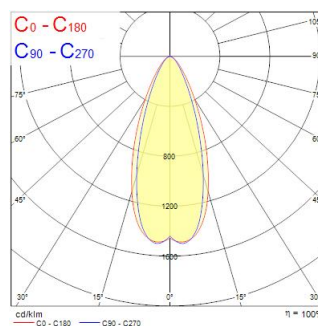
Technical Assets

Dimensions (mm)



Photometrics

Distance [m]	Cone diameter [m]	Beam angle [°]	Beam diameter [m]	Illuminance [lx]
0.5	0.35 0.41	38°	0.35 0.41	4371 1524
1.0	0.71 0.82	38°	0.71 0.82	1090 488
1.5	1.06 1.22	38°	1.06 1.22	466 191
2.0	1.42 1.63	38°	1.42 1.63	273 114
2.5	1.77 2.04	38°	1.77 2.04	178 73
3.0	2.12 2.45	38°	2.12 2.45	121 51



Obico 80 IP65 Fire 2CCT 930/940 DIM WHT

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General data

Product name	Obico 80 IP65 Fire 2CCT 930/940 DIM WHT
Technology	LED
Cap/Base	N/A
Housing	Aluminium
Mount	Ceiling recessed mounting
Built in presence detector	NONE
General application	Residential & Consumer, Retail
Operating temperature range (°C)	-20°C...+40°C
Performance ambient temperature Tq (°C)	25
Virtual assistant compatibility	N/A
ETIM Class	EC001744
Warranty	5 years

Optical data

Fixture luminous flux (lm)	820
Luminaire efficacy (lm/W)	100
Light colour	Neutral White
CRI (Ra)	90
Colour Variation Initial (SDCM)	SDCM4
Beam Angle (°)	38
Distribution type	Symmetric
Glare control	< 25
Photobiological Risk Group	RG1

Electrical data

Emergency type	
Total power consumption (W)	8.2
Supply current (A)	0.036
Primary Supply/Product voltage - min (V)	220.0
Primary Supply/Product voltage - max (V)	240.0
Lamp power factor	0.9
THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x %	25
Electrical protection	Class II
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	Mains: leading / trailing edge
Drive current (mA)	185
Inrush Current (A)	2
Inrush Duration (µs)	20
Energy Efficiency Class (A->G) of contained light source	D
Nominal Frequency (Hz)	50/60Hz
Max. products per 10A C Breaker	90
Max. products per 13A C Breaker	118
Max. products per 16A C Breaker	145
Max. products per 20A C Breaker	181
Max. products per 10A B Breaker	90
Max. products per 13A B Breaker	118
Max. products per 16A B Breaker	145
Max. products per 20A B Breaker	181
Connectable conductor cross section - Min (mm²)	0.75
Connectable conductor cross section - Max (mm²)	1.5

Obico 80 IP65 Fire 2CCT 930/940 DIM WHT

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Lifetime data

Lifespan L70 B50	100000
Lifespan L80 B20	88000
Lifespan L80 B10	86000
Lifespan L90 B10	42000

Physical data

Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP65/20
IK rating	IK07
Diffuser finish	Other
Diffuser material	None
Reflector finish	Not Applicable
Nominal Product Height (mm)	62
Nominal Product Diameter (mm)	96
Built-in diameter (mm)	80
Weight (kg)	0.354

Packaging

Product EAN number	5410288053677
Packaging single length / height (cm)	13.1
Packaging single width (cm)	8.0
Packaging single depth (cm)	14.5
DUN14 (inner)	15410288053674
Units per inner package	4
Packaging inner length / height (cm)	29.9
Packaging inner width (cm)	17.2
Packaging inner depth (cm)	14.6
DUN14 (outer)	25410288053671
Units per outer package	24
Packaging outer length / height (cm)	36.4
Packaging outer width (cm)	32.5
Packaging outer depth (cm)	46.7

Safety data

Glow Wire Test (°C)	650
Optimal operating condition (°C)	-20-40