

CERO 100

Fixed

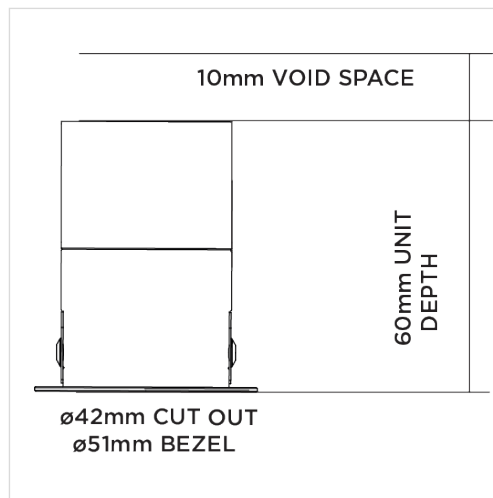
ORLUNA®

Project Reference: _____

Product Reference: _____

Luminaire Details

Fitting Type	Fixed Downlight
IP Rating	IP54 / IP67
Warranty	5 Years
Class	III
IP Zone	Zone 1
Standards	CE, BS EN 60598
Material	Aluminium ADC12
Cable type	2 Core 0.75mm ²
Cable Length	300mm
Bezel Temp	F Rated



Features & Benefits

- 90CRI
- TRUE BEAM
- High LOR

LIGHT VALUES	2700K 100 90CRI			3000K 100 90CRI		
	NARROW	MEDIUM	WIDE	NARROW	MEDIUM	WIDE
Beam Width FWHM	12°	26°	45°	12°	26°	45°
Initial Lumens*	189	189	189	228	228	228
Engine Lumens*	175	177	176	211	190	201
*(Tc 85°C, +/-7%)						
Engine Lm/W	67	68	68	81	73	77
Luminaire Cd	912	521	258	1487	651	281
Binning SDCM (Hot)	2			2		
DUV	0.001			0.001		
CRI (typ)(R9)	92 (59)			92 (59)		
TM30 Rf Rg	Rf 91 Rg 99			Rf 91 Rg 99		
Lifetime (ambient)	L90 B5 50,000hrs			L90 B5 50,000hrs		

For full test data, see Luminaire Photometric Reports at orluna.com/downloads

LUMINAIRE POWER	2700K	3000K
Voltage	3v	3v
Drive Current	700mA	700mA
Circuit Power (typ)	2.6W	2.6W

DRIVER

Protocols	Mains Dim / DALI / 0-10V / Non-dim
Dim to Dark	0.1% Lux
Distance from product	20m (series wiring)
Emergency	Emergency packs available

LUMINAIRES PER DRIVER

Mains Dimmable L*

Minimum	1
Maximum	5
Driver	Fulham L05021E

Mains Dimmable 1

Minimum	3
Maximum	5
Driver	DRIVER-M-700-1

Mains Dimmable 2

Minimum	6
Maximum	12
Driver	DRIVER-M-700-2

DALI Dimmable

160mm Length	
Minimum	1
Maximum	13
Driver	DRIVER-D-700-1

0-10V Dimmable

160mm Length	
Minimum	1
Maximum	13
Driver	DRIVER-O-700-1

Non-dimmable

Minimum	2
Maximum	5
Driver	DRIVER-N-700-2

*Note: Do not mix with other drivers

Specification Code

Engine type	Bezel	Colour Temp	Driver	Beam Width	Bezel Colour	IP Rating
100	CER	27	X	N	W	54 E
		27 / 2700K 30 / 3000K	X / No Driver (Driver must be ordered separately)	N / Narrow M / Medium W / Wide	W / White RAL 9010 D / White RAL 9003 E / White RAL 9016 B / Black RAL 9005 F / Antique Brass G / Polished Brass J / Antique Bronze K / Brushed Chrome L / Polished Chrome H / Antique Copper I / Polished Copper C / Other RAL	54 / IP54 67 / IP67 P / Sea & Spa E / 3hr Emergency Z / LSZH Cable

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