

MINIMO 1 FIXED CIRCULAR

PRODUCT OVERVIEW TRIMMED | TRIMLESS

STANDARD LIGHT ENGINE



KEY FEATURES

- Beam Options: 12 | 30 | 60
- Light Engine Performance: 164lm | 2.24W
- Tool-less field changeable optics
- UK Part L1 / L2 (Display) Compliant



OVERVIEW

Minimo 1 Fixed Circular is a Constant Current single source LED recessed spotlight that is machined from aerospace grade aluminium 6063-T6 and comes as standard in white, black and brushed aluminium. It has three site-changeable optics for flexible beam distribution. Our 164lm | 2.24W light engine has a max peak intensity of 1566cd.

PERFORMANCE

	Standard		
	Narrow	Medium	Flood
FWHM	12°	30°	60°
Luminous Flux	164 lm	150 lm	163 lm
Peak Intensity	1566 cd	470 cd	163 cd
CCT	2700K 3000K		
CRI Min.	95 95		
LED Current	0.700 A		
Voltage	3.2 V		
Input Wattage	2.24 W		
Efficacy	73.2 lm/W		
Driver Type	Constant Current Remote		
Class	SELV Class III		

ORDER CODE

Model	Type	Trim	Output	CCT	Beam Angle	Finish
MNO Minimo 1	RC Recessed	TR Trimmed	SO Standard Output	27K 2700K	NR Narrow 12°	WH White
		TL Trimless ¹		30K 3000K	ME Medium 30°	BK Black
					WD Wide 60°	AL Br. Aluminium
						RBZ Rubbed Bronze
						BR Br. Brass
						PB Polished Brass
						NA Trimless

Example code: MNO-RC-TR-SO-27K-NR-WH

¹ Trimless finish must be NA

See Drivers, Power Supplies and Accessories sections for further order codes

LIGHT ENGINE SELECTION

This product is available with a single static white light engine option outlined below.

STANDARD
OUTPUT

Our standard output light engines embody Precision's commitment to excellence, delivering high CRI, efficient performance, and clean, well-defined beams.

- High CRI
- Crisp clean beams

LIFETIME & ENVIRONMENTAL

At Precision, we design and engineer our products with longevity in mind. Many of the components that make up our light fixtures are both modular and re-usable, making it possible to service and repair them throughout their life in service. Once our products reach the end of their useful life, it is possible to re-work and renew them in to a new product. We prioritise the use of recyclable materials in both our products and packaging, and encourage our customers to engage responsibly in the correct disposal of any materials we supply.

CIBSE TM65	7.27 Kg/CO2e
CIBSE TM66	2.4
RoHS Compliance	Yes
REACH Compliance	Yes
WEEE Compliance	Yes - Registered Producer
Declare	LBC Red List Approved
Lifetime	L90B10 100,000hrs
Warranty	5 Years

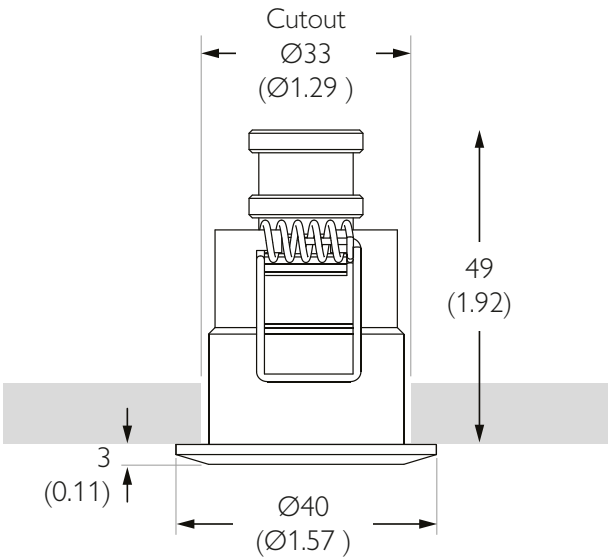
UK PART L	
Part L1A / L1B (Dwellings)	Compliant 164 lm/W ≥75 lm/W source lumens Source lm (367 lm) / Source W (2.24 W)
Part L2A (General)	- ≥95lm/W delivered lumens
Part L2A (Display)	Compliant 164 lm/W ≥80 lm/W source lumens Source lm (367 lm) / Source W (2.24 W)

MINIMO 1 FIXED CIRCULAR

DIMENSIONS & FINISHES

STANDARD LIGHT ENGINE

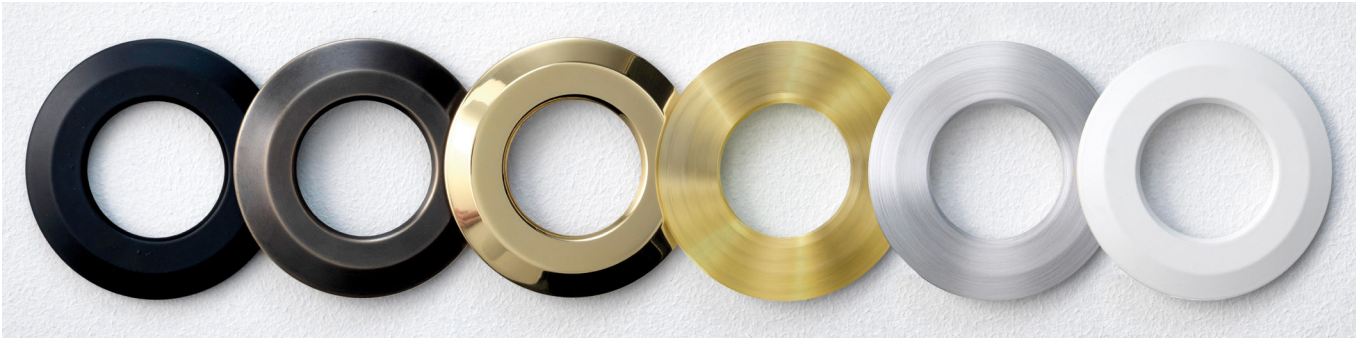
DIMENSIONS



MECHANICAL

Location	IP20 Indoor Dry Location Only	Cutout	$\varnothing 33\text{mm}$ (1.30")
Mounting	Recessed	Ceiling Thickness	3-25mm (0.12-0.98")
Adjustability	N/A Pan N/A Tilt	Product Class	SELV Class III
Lockable	N/A	Material	Machined AL 6063-T6 Machined Brass
Accessories	N/A	Weight	53g 0.12lb

FINISHES



Black

Rubbed
Bronze

Polished
Brass

Brushed
Brass

Brushed
Aluminium

White

20W | 0-10V | Remote | Constant Current

Input Voltage	230VAC 50/60 Hz
Driver Type	Remote Constant Current
Location	IP20 Indoor Location Only
Dimming Control	0-10V
Min. Dim Level	0.1%
Flicker	IEEE P1789 Compatible No Observable Effect
Wiring Distance	16 AWG - 36m (118') 18 AWG 22m (72')



	All CCT's		L	W	H
Max. Lights	1 to 8 in series	mm	160	41	30
Order Code	PSCC-20-700-A-EL	in	6.3	1.61	1.18

20W | DALI-2 | Remote | Constant Current

Input Voltage	230VAC 50/60 Hz
Driver Type	Remote Constant Current
Location	IP20 Indoor Location Only
Dimming Control	DALI-2
Min. Dim Level	0.1%
Flicker	IEEE P1789 Compatible No Observable Effect
Wiring Distance	16 AWG - 36m (118') 18 AWG 22m (72')



	All CCT's		L	W	H
Max. Lights	1 to 8 in series	mm	160	41	30
Order Code	PSCC-20-700-D-EL	in	6.3	1.61	1.18

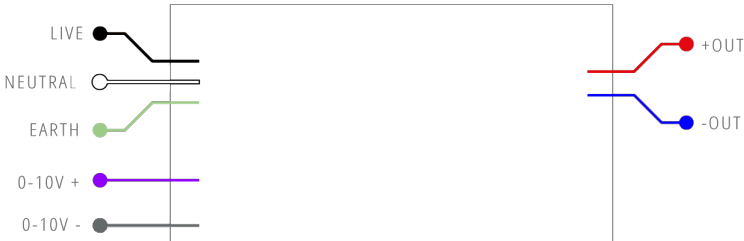
MINIMO 1 FIXED CIRCULAR

DRIVERS & POWER SUPPLIES - NORTH AMERICA

STANDARD LIGHT ENGINE

30W | 0-10V | Remote | Constant Current

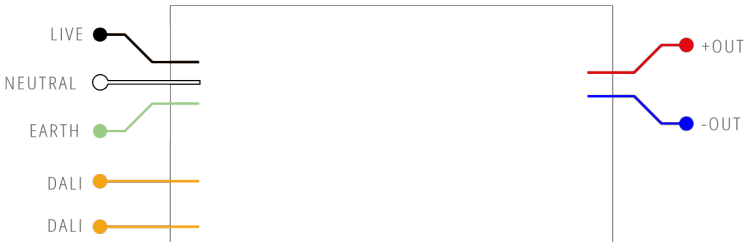
Input Voltage	120-277V 50/60 Hz
Driver Type	Remote Constant Current
Location	IP20 Indoor Location Only
Dimming Control	0-10V
Min. Dim Level	0.1%
Flicker	IEEE P1789 Compatible No Observable Effect
Wiring Distance	16 AWG - 36m (118') 18 AWG 22m (72')



	All CCT's		L	W	H
Max. Lights	1 to 12 in series	mm	348	65	47
Order Code	USCC-30-700-A-EL-ENC	in	13.7	2.56	1.85

30W | DALI-2 | Remote | Constant Current

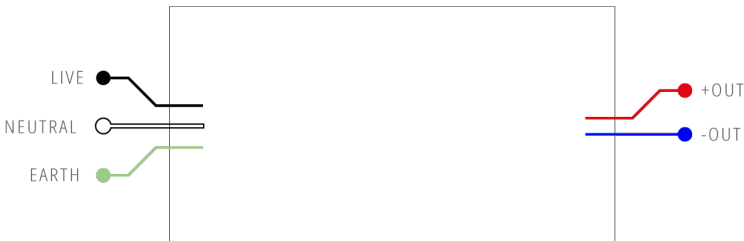
Input Voltage	120-277V 50/60 Hz
Driver Type	Remote Constant Current
Location	IP20 Indoor Location Only
Dimming Control	DALI-2
Min. Dim Level	0.1%
Flicker	IEEE P1789 Compatible No Observable Effect
Wiring Distance	16 AWG - 36m (118') 18 AWG 22m (72')



	All CCT's		L	W	H
Max. Lights	1 to 12 in series	mm	348	65	47
Order Code	USCC-30-700-D-EL-ENC	in	13.7	2.56	1.85

12W | Phase | Remote | Constant Current

Input Voltage	120V 50/60Hz
Driver Type	Remote Constant Current
Location	IP20 Indoor Location Only
Dimming Control	Phase
Min. Dim Level	1.0%
Flicker	IEEE P1789 Compatible No Observable Effect
Wiring Distance	16 AWG - 14m (46') 18 AWG 9m (30')



	All CCT's		L	W	H
Max. Lights	2 to 5 in series	mm	247	65	47
Order Code	USCC-12-700-P-HT-ENC	in	9.72	2.56	1.85

MINIMO 1 FIXED CIRCULAR

PHOTOMETRY

STANDARD LIGHT ENGINE

OUTPUT SCALING

CCT	Output Multiplier	CRI	R9 Typ.	TM-30: Rf	TM-30: Rg	Max Lm
2400K	-	-	-	-	-	-
2700K	1.00	95	65	90	98	164
3000K	1.00	95	65	90	99	164
3500K	-	-	-	-	-	-
4000K	-	-	-	-	-	-

Colour Consistency: 3 SDCM

PHOTOMETRY

NARROW					0.21m	1566lx	174fc	0.6'
FWHM	12°				1m		3'	
Delivered Flux	164 lm				0.42m	392lx	44fc	1.3'
Peak Intensity	1566 cd				2m		6'	
		800			0.63m	174lx	19fc	1.9'
		1067			3m		11fc	2.5'
		1333			0.84m	98lx	12'	
		1600			4m		7fc	3.2'
					1.05m	63lx	5fc	3.8'
					5m			18'
MEDIUM					0.54m	470lx	52fc	1.6'
FWHM	30°				1m		3'	
Delivered Flux	150 lm				1.07m	118lx	13fc	3.2'
Peak Intensity	470 cd				2m		6'	
		167			1.61m	52lx	6fc	4.8'
		250			3m		3fc	6.4'
		333			2.14m	29lx	12'	
		417			4m		2fc	8.0'
		500			2.68m	19lx	1fc	9.6'
					5m			18'
FLOOD					1.15m	163lx	18fc	3.5'
FWHM	60°				1m		3'	
Delivered Flux	163 lm				2.31m	41lx	5fc	6.9'
Peak Intensity	163 cd				2m		6'	
		67			3.46m	18lx	2fc	10.4'
		100			3m		1fc	9'
		133			4.62m	10lx	1fc	13.9'
		167			4m		1fc	12'
		200			5.77m	7lx	1fc	17.3'
					6m			15'
								20.8'

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OPTICS

There are 3 interchangeable optics

Optic	Optic	Optic
		
Narrow TIR Optic FWHM 12 deg	Medium TIR Optic FWHM 30 deg	Wide TIR Optic FWHM 60 deg
Order Code 701-12	Order Code 701-30	Order Code 701-60

ACCESSORIES

This product does not have interchangeable accessories, if required please contact us for modification opportunities