

MINIMO CORE

PRODUCT OVERVIEW

PLUS LIGHT ENGINE



OVERVIEW

Minimo Core is a Constant Current single source LED downlight that comes as standard in white and black with a pinhole aesthetic. It has four optic choices for flexible beam distribution and is fully adjustable with 355° pan and 35° tilt without breaking the ceiling line. Our 1001lm | 12.60W light engine has a max peak intensity of 6389cd. The integral accessory holder can accommodate 31mm lenses and louvers up to 4mm thick.

KEY FEATURES

- Beam Options: 19 | 25 | 37 | 50
- Performance: 1200lm | 12.60W
- Movement: 355 Pan | 35 Tilt
- Field changeable optics
- Ultra-high CRI
- UK Part L1 / L2 (Display) Compliant



PERFORMANCE

	Plus			
	Narrow	Medium	Wide	V. Wide
FWHM	19°	25°	37°	50°
Luminous Flux	887 lm	1001 lm	997 lm	912 lm
Peak Intensity	6389 cd	5069 cd	2473 cd	1537 cd
CCT	2400K 2700K 3000K 3500K 4000K			
CRI Min.	90 98 98 98 95			
LED Current	0.700 A			
Voltage	18 V			
Input Wattage	12.6 W			
Efficacy	79.4 lm/W			
Driver Type	Constant Current Remote			
Class	SELV Class III			

ORDER CODE

Model	Type	Trim	Output	CCT	Beam Angle	Trim Finish
MNC Minimo Core	A Adjustable	TR Trimmed	PL Plus	24K 2400K	NR Narrow 19°	WH White
				27K 2700K	ME Medium 25°	BK Black
				30K 3000K	WD Wide 37°	
				35K 3500K	VW Very Wide 50°	
				40K 4000K		

Example code: MNC-A-TR-PL-24K-NR-WH

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.

plus⁺

Precisions plus light engines offer the best balance between delivered lumens, beam quality and outstanding colour rendition.

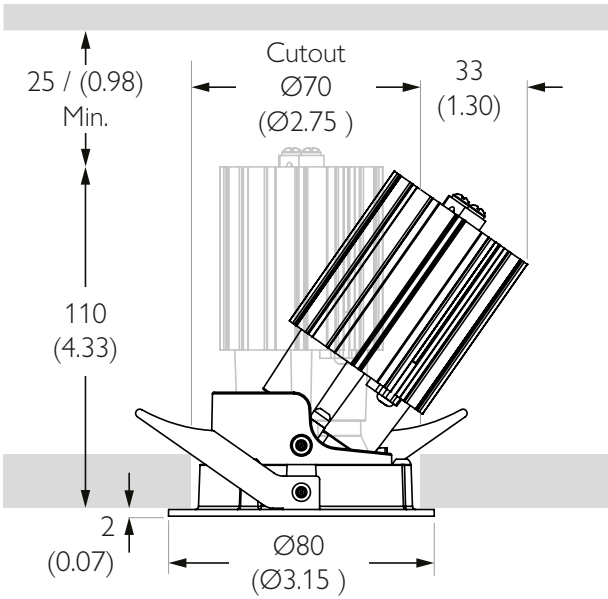
- Increased Lumen Output
- CRI 98 Typical

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	13.59 Kg/CO2e	UK PART L	
CIBSE TM66	2.2	Part L1A / L1B (Dwellings)	Compliant 121 lm/W Source lm (1525 lm) / Source W (12.60 W)
RoHS Compliance	Yes	Part L2A (General)	-
REACH Compliance	Yes	Part L2A (Display)	Compliant 121 lm/W Source lm (1525 lm) / Source W (12.60 W)
WEEE Compliance	Yes - Registered Producer		
Declare	LBC Red List Approved		
Lifetime	L90B10 50,000hrs		
Warranty	5 Years		

DIMENSIONS



MECHANICAL

Location	IP20 Indoor Dry Location Only	Cutout	ø70mm (2.75")
Mounting	Recessed	Ceiling Thickness	5-25mm (0.20-0.98")
Adjustability	355 Pan 35 Tilt	Product Class	SELV Class III
Lockable	N/A	Material	Cast Aluminium A383
Accessories	Louver Lenses	Weight	270g 0.60lb

FINISHES



White



Black

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 only	mm	160	41	30
Order Code	PSCC-20-700-A-EL	in	6.3	1.61	1.18

20W | DALI-2 | Remote | Constant Current

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Driver Type	Remote Constant Current
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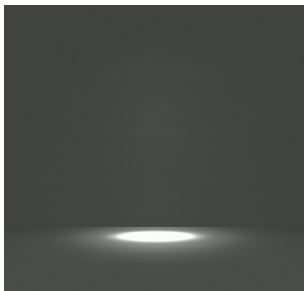
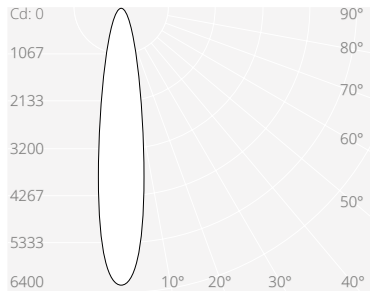
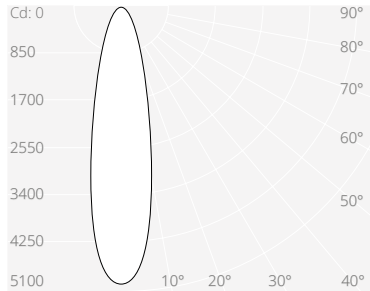
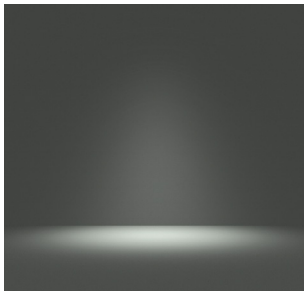
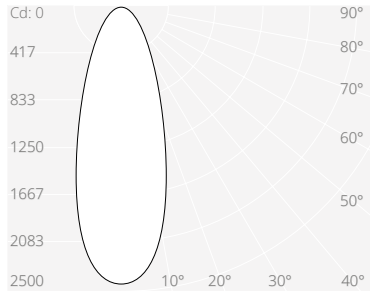
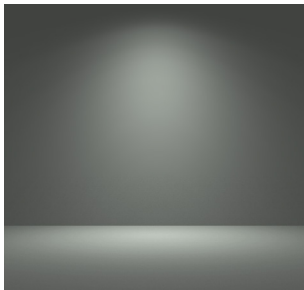
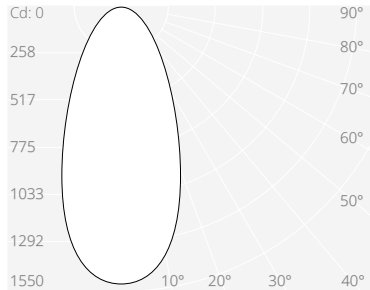
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Max. Lights	1 only	mm	160	41	30
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OUTPUT SCALING

CCT	Output Multiplier	CRI	R9 Typ.	TM-30: Rf	TM-30: Rg	Max Lm
2400K	0.97	90	90	90	99	971
2700K	0.93	98	95	95	101	931
3000K	1.00	98	95	95	100	1001
3500K	1.05	98	92	95	99	1051
4000K	1.05	95	90	90	99	1051

Colour Consistency: 2 SDCM

PHOTOMETRY

NARROW				<table><tr><td>0.33m</td><td>6389lx</td><td>710fc</td><td>1.0'</td></tr><tr><td>1m</td><td></td><td></td><td>3'</td></tr><tr><td>0.67m</td><td>1597lx</td><td>177fc</td><td>2.0'</td></tr><tr><td>2m</td><td></td><td></td><td>6'</td></tr><tr><td>1.00m</td><td>710lx</td><td>79fc</td><td>3.0'</td></tr><tr><td>3m</td><td></td><td></td><td>9'</td></tr><tr><td>1.34m</td><td>399lx</td><td>44fc</td><td>4.0'</td></tr><tr><td>4m</td><td></td><td></td><td>12'</td></tr><tr><td>1.67m</td><td>256lx</td><td>28fc</td><td>5.0'</td></tr><tr><td>5m</td><td></td><td></td><td>15'</td></tr><tr><td></td><td></td><td>20fc</td><td>6.0'</td></tr><tr><td></td><td></td><td></td><td>18'</td></tr></table>	0.33m	6389lx	710fc	1.0'	1m			3'	0.67m	1597lx	177fc	2.0'	2m			6'	1.00m	710lx	79fc	3.0'	3m			9'	1.34m	399lx	44fc	4.0'	4m			12'	1.67m	256lx	28fc	5.0'	5m			15'			20fc	6.0'				18'
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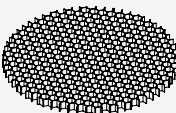
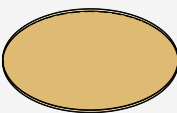
OPTICS

There are 4 interchangeable optics, cross reference the molded ID on the optic for beam option.

Optic	Optic	Optic	Optic
			
Narrow TIR Optic Molded ID 15 FWHM 19 Order Code HKHG-35-15-PMMA	Medium TIR Optic Molded ID 24 FWHM 25 Order Code HKHG-35-24-PMMA	Wide TIR Optic Molded ID 36 FWHM 37 Order Code HKHG-35-36-PMMA	Very Wide TIR Optic Molded ID 50 FWHM 50 Order Code HKHG-35-50-PMMA

ACCESSORIES

This product can hold 1 x accessory within the integrated holder. To accommodate additional accessories please contact our sales team. Accessories are pre-installed unless otherwise requested.

Glare Control	Colour Change
	
Honeycomb Louver W32xH3.2mm W1.26xH0.13" Order Code 995-32-BK	1/4 CTO W32xH1.8mm W1.26xH0.07" Order Code 997-1/4CTO-32