

POLEFINITY PURE 50 BLACK MEDIUM  
KPF5X02PU27ME

LUMINAIRE REF:

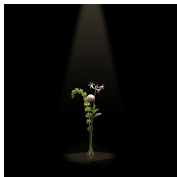
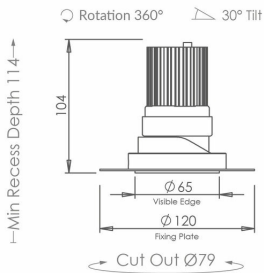
PROJECT REF:



BLACK RAL 9005

DIRECTIONAL TRUE TRIMLESS DOWNLIGHT

The Polefinity 50 is a true trimless low glare directional architectural downlight with a 360° rotation and 30° tilt mechanism. A 25mm extra deep black baffle allows for a low glare, minimal lighting solution. It comes with a contractor optimised frame for installing at first fix. The Polefinity 50 comes with four different LED engines: Pure 50, AmbiDim 50, True 50 and Tune 50. See the LED engines for full details. Technical details below for the Pure 50. The engine features a patented twist and lock LED engine mount for interchangeable components on site with no hand tools required and a tool less plug for connecting the LED driver.



MEDIUM

ACCESSORIES

			
HONEYCOMB INSERT 50MM ACHC50MM1	SPREADER LENS 50MM ACLL50MM1	SANDBLASTED GLASS LENS 50MM ACSG50MM1	SOFTENING LENS 50MM ACSL50MM2



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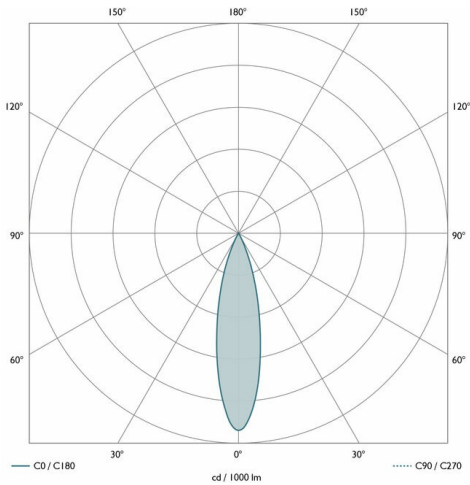


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SPECIFICATION	MEDIUM
BEAM ANGLE (°)	26°
LED SOURCE LUMENS (LM)	1344 lm
LUMINAIRE LUMENS (LM)	852 lm
INTENSITY RATING (CD)	3381
POWER CONSUMPTION (W)	12W
LUMINAIRE EFFICACY (LM/W)	71 lm/W
DRIVE CURRENT (mA)	350mA
FORWARD VOLTAGE (V DC)	36V DC

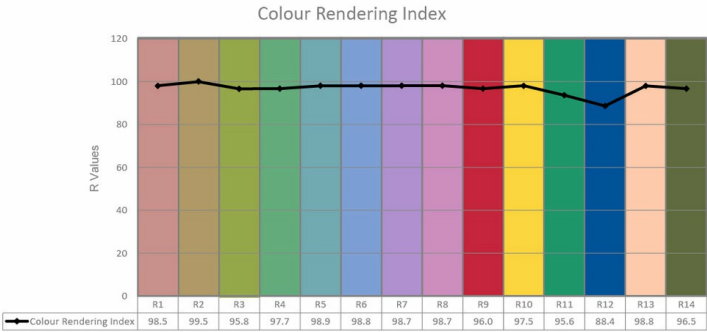
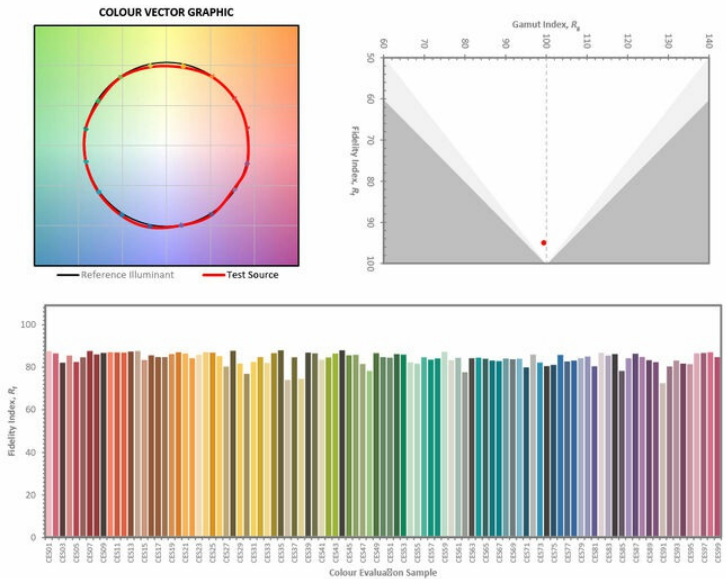


TM66	2.3 (LIA Assured Verification Score)
INGRESS RATING	IP54
IMPACT RATING	IK03
COMPLIANCE	IEC 60598-1:2014
	AMD1:2017
	IEC 60598-2-2:2011

COLOUR TEMPERATURE	2700K
CIE CRI AVAILABLE AS	98 Ra
IES TM-30 COLOUR FIDELITY (Rf)	95
IES TM-30 COLOUR GAMUT (Rg)	>98
BINNING	2 SDCM
LIFETIME L70/B10 (HOURS)	>50000
AMBIENT TEMPERATURE (Ta)	-20 ... +25 °C

ELECTRICAL	
SOURCE TYPE	LED
PRODUCT CLASS	Class III (SELV low voltage)
DIMMING PROTOCOL	DALI dimmable
	1-10V dimmable
	Mains dimmable (phase cut dimming)
	Switched

OTHER DATA	
CABLE TYPE	2 Core Silicone (180 °C)
CABLE SIZE	6.4mm OD - 2 off 24/0.2 (0.75mm2)
CABLE LENGTH	300mm
CONNECTOR TYPE	OJ-602B
WEIGHT	N/A
FIRE RATED	Yes



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