

LED ENGINE 50+
JOHN CULLEN LED ENGINE 50+

LUMINAIRE REF:

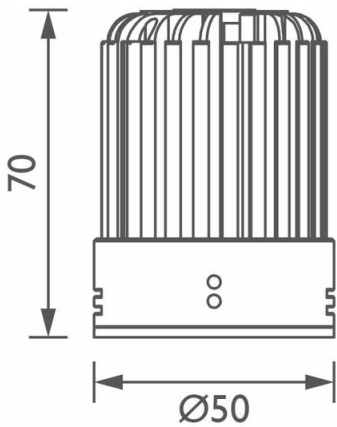
PROJECT REF:



Our LED Engine 50+ is designed, engineered and manufactured in the UK with a patent for the unique twist and lock mechanism.
Using the latest LED the John Cullen LED engine benefits from a high CRI.



N/A



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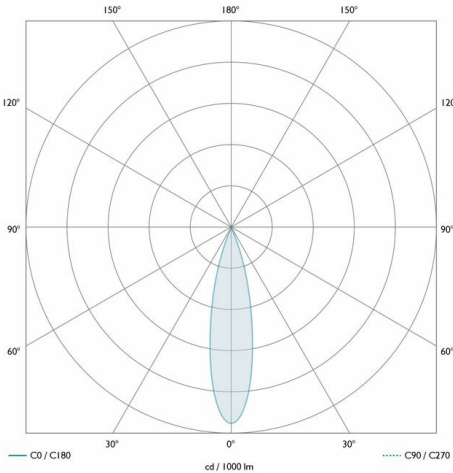
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SPECIFICATION	NARROW	MEDIUM	WIDE
BEAM ANGLE (°)	13°	22°	38°
LED SOURCE LUMENS (LM)	940 lm	1295 lm	1295 lm
LUMINAIRE LUMENS (LM)	835 lm	1100 lm	1150 lm
INTENSITY RATING (CD)	N/A	N/A	N/A
POWER CONSUMPTION (W)	11.4W	11.9W	11.9W
LUMINAIRE EFFICACY (LM/W)	73 lm/W	92 lm/W	96 lm/W
DRIVE CURRENT (mA)	650mA	350mA	350mA
FORWARD VOLTAGE (V DC)	17.5V DC	34V DC	34V DC

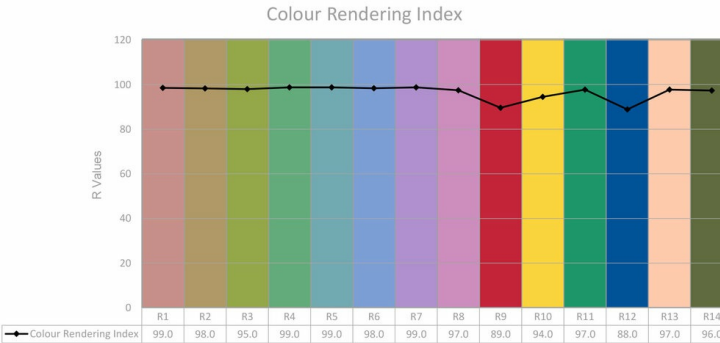
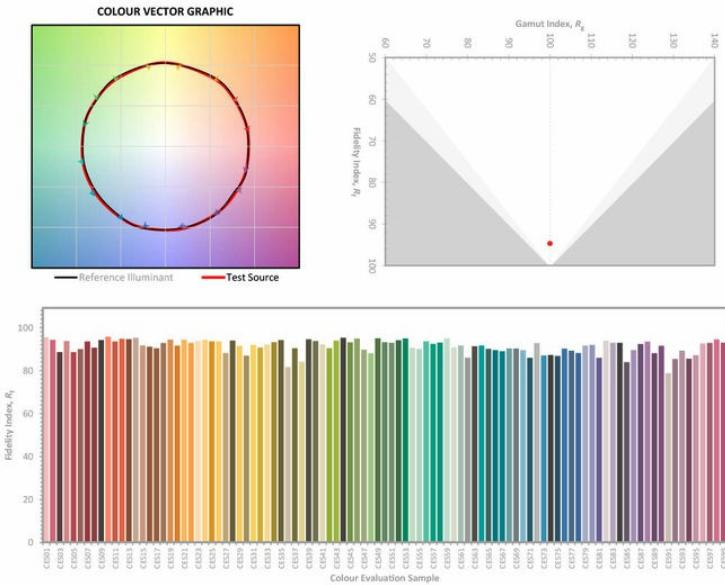


INGRESS RATING	IP20
IMPACT RATING	N/A
COMPLIANCE	IEC/EN 60598-1-2014

COLOUR TEMPERATURE	2700K,3000K
CIE CRI AVAILABLE AS	>95 Ra
IES TM-30 COLOUR FIDELITY (Rf)	95
IES TM-30 COLOUR GAMUT (Rg)	>100
BINNING	1 SDCM
LIFETIME L70/B10 (HOURS)	>50000
AMBIENT TEMPERATURE (Ta)	Please check the data sheet of the intended product to use with

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 PVC (Copper Core)
CABLE SIZE	6.4mm OD - 2 off 24/0.2 (0.75mm2)
CABLE LENGTH	350mm
CONNECTOR TYPE	AMP-TE SuperSeal 1.5 Series
WEIGHT	180g
FIRE RATED	Accessory



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