

AMBIDIM 50 ENGINE  
FROM BRIGHT AND FRESH TO A WARM AMBIENCE

LUMINAIRE REF:

PROJECT REF:

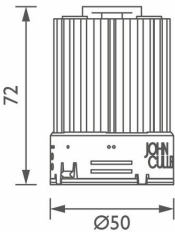


Replicate the cosy feeling of halogen with our AmbiDim 50 Engine. Designed in Britain, the AmbiDim 50 offers a transition from a bright fresh 2700K to a warm ambient 1800K as it dims.

This 50 engine has been designed to work with all of our 50 downlights, including both current and past fittings.



N/A



ACCESSORIES



HONEYCOMB  
INSERT 50MM  
ACHC50MM1



SPREADER LENS  
50MM  
ACLL50MM1



SANDBLASTED  
GLASS LENS 50MM  
ACSG50MM1



SOFTENING LENS  
50MM  
ACSL50MM2



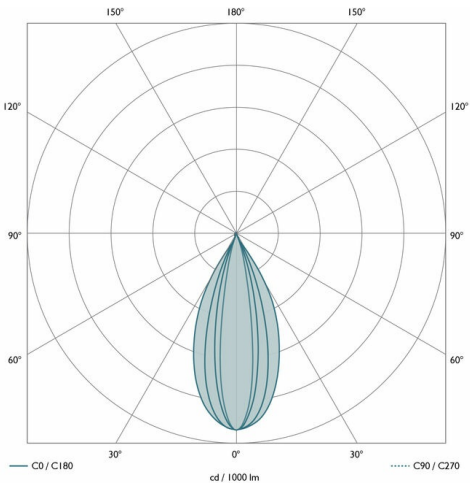
AMBIDIM 50 ENGINE

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SPECIFICATION	NARROW	MEDIUM	WIDE	SUPERWIDE
BEAM ANGLE (°)	18°	26°	36°	51°
LED SOURCE LUMENS (LM)	1205 lm @ 2700K	1205 lm @ 2700K	1205 lm @ 2700K	1205 lm @ 2700K
LUMINAIRE LUMENS (LM)	N/A	N/A	N/A	N/A
INTENSITY RATING (CD)	7219	4159	2314	1498
POWER CONSUMPTION (W)	12W	12W	12W	12W
LUMINAIRE EFFICACY (LM/W)	92 lm/W	92 lm/W	88 lm/W	91 lm/W
DRIVE CURRENT (mA)	350mA	350mA	350mA	350mA
FORWARD VOLTAGE (V DC)	36V DC	36V DC	36V DC	36V DC



INGRESS RATING	IP20
IMPACT RATING	N/A
COMPLIANCE	IEC/EN 62031:2020

COLOUR TEMPERATURE	2700K - 1800K
CIE CRI AVAILABLE AS	>93 Ra
IES TM-30 COLOUR FIDELITY (Rf)	90.5
IES TM-30 COLOUR GAMUT (Rg)	101.4
BINNING	3 SDCM
LIFETIME L70/B10 (HOURS)	>50000
AMBIENT TEMPERATURE (Ta)	Check the data sheet of the intended product

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

OTHER DATA	
Cable Type	2 Core Silicone (180 øC)
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

