JOHN CULLEN

AMBIDIM 50 ENGINE FROM BRIGHT AND FRESH TO A WARM AMBIENCE

LUMINAIRE REF:

PROJECT REF:

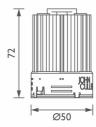


Replicate the cosy feeling of halogen with our AmbiDim 50 Engine. Designed in Britain, the AmbiDim 50 offers a transition from a bright fresh 2700K to a warm ambient 1800K as it dims.

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 SOI GLASS LENS 50MM ACSG50MM1





WWW.JOHNCULLENLIGHTING.COM UK +44 (0) 20 7371 9000 | Middle East & APAC +971 (0) 4 321 114 | Europe +33 (0)9 61 68 22 81

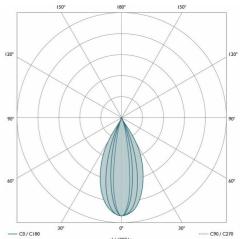
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AMBIDIM 50 ENGINE FROM BRIGHT AND FRESH TO A WARM AMBIENCE

LUMINAIRE REF:

PROJECT REF:



| C0/C180 | 30° 0° cd / 1000 lm | 30° C90 / C270 |
|-------------------|------------------------|----------------|
| IR TEMPERATURE | 2700K - 1800K | |
| CRI AVAILABLE AS | >93 Ra | |
| OUR FIDELITY (Rf) | 90.5 | |
| OUR GAMUT (Rg) | 101.4 | |

| SPECIFICATION | NARROW | MEDIUM | WIDE | SUPERWIDE |
|---------------------------|-----------------|-----------------|-----------------|-----------------|
| BEAM ANGLE (°) | 18° | 26° | 36° | 51° |
| LED SOURCE LUMENS (LM) | 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 |
| | | | | |
| | | | | |

| 2700K - | COLOUR TEMPERATURE |
|----------|--------------------------------|
| 2700K - | COLOOK TEMPEKATORE |
| >93 Ra | CIE CRI AVAILABLE AS |
| 90.5 | IES TM-30 COLOUR FIDELITY (Rf) |
| 101.4 | IES TM-30 COLOUR GAMUT (Rg) |
| 3 SDCM | BINNING |
| >50000 | LIFETIME L70/B10 (HOURS) |
| Check th | AMBIENT TEMPERATURE (Ta) |
| | |

Cable Type

Cable Size

Fire rated

Cable Length Connector Typ Weight

OTHER DA

| JRS) | >50000 |
|------|--|
| (Ta) | Check the data sheet of the intended product |
| | |
| ATA | |
| | 2 Core Silicone (180 øC) |
| | 6.4mm OD - 2 off 24/0.2 (0.75mm2) |
| | 300mm |
| | OJ-602B |
| | |

| TRICAL | |
|---------|------------------------------------|
| CE TYPE | LED |
| T CLASS | Class III (SELV low voltage) |
| TOCOL | 1-10V dimmable |
| | DALI dimmable |
| | Mains dimmable (phase cut dimming) |

Switched

IEC/EN 62031:2020

| ELECTRICAL | |
|------------|--------------|
| OURCE TYPE | LED |
| DUCT CLASS | Class III (S |
| G PROTOCOL | 1-10V dim |

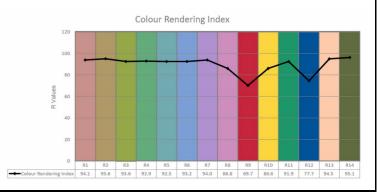
S PRO

DIMMINO

INGRESS RATING IP20 IMPACT RATING N/A COMPLIANCE

| E | LED |
|---|---------------------------------|
| S | Class III (SELV low voltage) |
| L | 1-10V dimmable |
| | DALI dimmable |
| | Mains dimmable (phase cut dimmi |
| | |

| | | | со | LOI | JR | VEC | то | RG | RA | PH | IC | | | | | | | | | | | | | | | | | Gan | iut In | dex | 8 | | | | | | |
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N/A

YES



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