

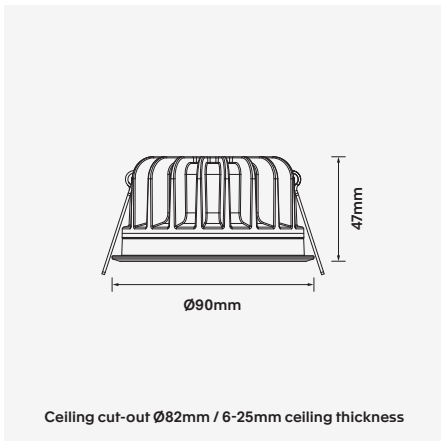
Arcane-F82

10W Fixed LED Recessed Downlight



Luminaire Finishes

- White (WH) Black (BK) Custom



Ceiling cut-out Ø82mm / 6-25mm ceiling thickness

WATTAGE 10W
Ø 82
3-Step
UGR <19
Bluetooth
CE
WARRANTY 5YR

CRI (Ra) >90
38°
IP 44
MAINS DIM

LED ceiling recessed luminaire providing symmetrical, low-glare light distribution. The Arcane-F82 downlight offers optimised performance, high colour consistency and a minimal design.

A protection rating of IP44 makes the Arcane-F82 a versatile choice for a range of general lighting applications. Arcane-F82 utilises Cree LED technology and offers a 5 year warranty.

- Luminaire wattage: 10W (System 12W)
- Luminous flux: 875-1030Lm²
- Luminaire efficacy: 87.5Lm/W¹
- Correlated colour temperature: 2700K, 3000K, 4000K
- Colour rendering index: >90³
- Mac-Adams Ellipse: 3-SDCM
- LED Brand: CREE COB LED
- Glare control: UGR<19
- Symmetrical distribution: 38°
- Outer trim Ø90mm; Ceiling cut-out Ø82mm
- Ingress protection rating: IP44 standard (From underside)
- Luminaire finishes: White, Black, Custom optional⁴
- Longevity: >50,000Hrs L80 B10
- Driver: Mains dimmable LED driver as standard
- Dimming: DALI-2, BLE (basicDIM Wireless / Casambi) on request⁴
- Weight: 250g (excluding driver)
- Warranty: 5 years⁵

Model	LED Output ²	Luminous Flux ²	LED Wattage	System Wattage	CCT	CRI ³	Distribution
ARCANE-F82-10W-27K	1200Lm	875Lm	10W	12W	2700K	>90	38°
ARCANE-F82-10W-3K	1380Lm	950Lm	10W	12W	3000K	>90	38°
ARCANE-F82-10W-4K	1590Lm	1030Lm	10W	12W	4000K	>90	38°

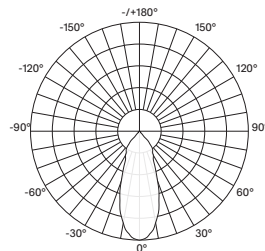
For MAINS dimming add suffix MD
For DALI-2 dimming add suffix D
For BLUETOOTH dimming add suffix BT

Example product order code configuration: ARCANE-F82-10W-3K-38-D-(WH)

Model	Wattage	CCT	Distribution	Driver	Luminaire Finish
ARCANE-F82	10W	3K	38	D	WH

Light Distribution

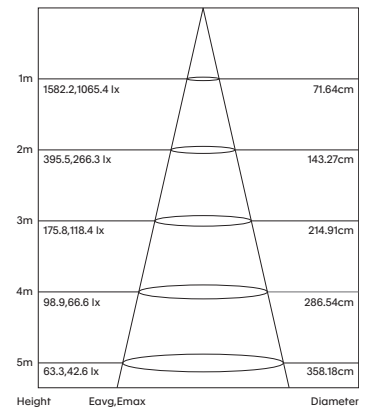
ARCANE-F82-10W-3K



AVERAGE BEAM ANGLE (50%): 38.2 DEG

Room Reflectance		Utilisation Factors									
Ceiling	Walls	Floor	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00
70	50	20	109	102	95	89	84	79	75	71	68

Cone Diagram



1 Luminaire efficacy based on CCT 3000K; CCT variations will alter efficacy
2 +/- 10% stated initial LED and luminous flux tolerance
3 Colour Rendering Index: >95 standard (Cree LED series)
4 Additional charges apply for non-standard colour/s and dimming options
5 Five year manufacturer's warranty covering product defects and performance deficiencies