

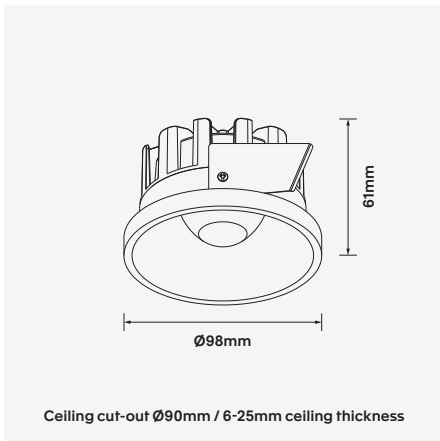
Peeper-F90

16W Fixed LED Recessed Downlight



Luminaire Finishes

White (WH) Black (BK)



Ceiling cut-out Ø90mm / 6-25mm ceiling thickness

WATTAGE 16W
Ø90
UGR <19
Bluetooth
Z
CE
WARRANTY 5YR

3-Step
CRI (Ra) >90
20°
IP 44
MAINS DIM

Peeper-F90 is a Decorative, LED, ceiling recessed luminaire providing symmetrical light distribution in a quality constructed fitting. With a minimal design in either black or white and a distinct optical lens, it is a unique fitting suited to a wide range of applications.

Peeper-F90 features a Zhaga compliant LED from Bridgelux and comes in a wide range of colour temperatures and dimming options from Mains dimming through to DALI-2 and Bluetooth. The Peeper-F series comes with a 5 year warranty.

- Luminaire wattage: 16W (System 18W)
- Luminous flux: 905-950Lm²
- Luminaire efficacy: 50.27Lm/W¹
- Correlated colour temperature: 3000K, 4000K
- Colour rendering index: >90³
- Mac-Adams Ellipse: 3-SDCM
- LED Brand: Bridgelux COB LED
- Glare control: <19
- Symmetrical distribution: 20°
- Outer trim Ø98mm; ceiling cut-out Ø90mm
- Ingress protection rating: IP44
- Luminaire finishes: White, Black
- Longevity: >50,000Hrs L80 B10
- Driver: Mains dimmable as standard
- Dimming: DALI-2, BLE (basicDIM Wireless / Casambi) on request⁴
- Weight: 340g (excluding driver)
- Warranty: 5 years⁵

Model	LED Output ²	Luminous Flux ²	LED Wattage	System Wattage	CCT	CRI ³	Distribution
PEEPER-F90-16W-3K	1755Lm	905Lm	16W	18W	3000K	>90	20°
PEEPER-F90-16W-4K	1865Lm	950Lm	16W	18W	4000K	>90	20°

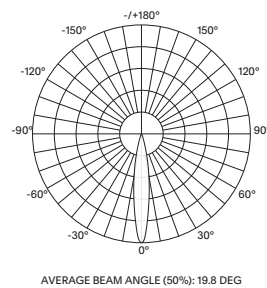
For MAINS dimming add suffix MD
For DALI-2 dimming add suffix D
For BLUETOOTH dimming add suffix BT

Example product order code configuration: PEEPER-F90-16W-3K-20-MD-(WH)

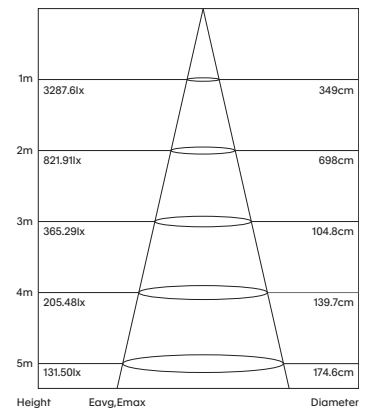
Model	Wattage	CCT	Distribution	Driver	Luminaire Finish					
PEEPER-F90	+	16W	+	3K	+	20	+	MD	+	WH

Light Distribution

PEEPER-F90-16W-3K-20



Cone Diagram



1 Luminaire efficacy based on CCT 3000K; CCT variation will alter efficacy
2 +/- 10% stated initial LED and luminous flux tolerance
3 Colour Rendering Index: >90 Standard, (Bridgelux COB Series)
4 Charges apply for non-standard colour/s and dimming options
5 Five year manufacturer's warranty covering product defects and performance deficiencies