co:lab

Project:
Type:
Model:

Esprit-M

16W Fixed Modular LED Recessed Downlight Series

WATTAGE **16W** | IP **20** | UGR **<11-16** | Bluetooth | DALI | CE | WARRANTY **5YR**

TR1 Ø **64** | TR2 Ø **70** | TR2 **59 x 223** | **3-Step** | CRI (Ra) **>90** | **24° / 36°**



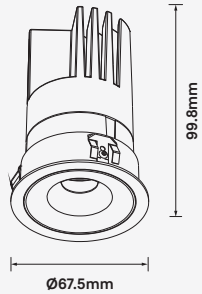
Esprit-M is a deep-set, low glare modular recessed LED luminaire with unique trim design that gently recesses back to a small aperture creating a unique delicate look. A range of beam distributions and trim options including colour options. Made from high quality materials including a die-cast aluminum housing and quality deep-set optical lens.

Esprit's simple and efficient design allows for ease of maintenance and adaptability. It has been designed for a minimal look that suits residential, hotel and commercial applications. Integrating Zhaga compliant Bridgelux LED technology and non-dimmable, Mains-Dimming, DALI-2 or BLE dimming options. Esprit-M series offers a 5 year warranty.

- Luminaire wattage: 16W (System 18W)
- Luminous flux: 1084-1189Lm[2]
- Luminaire efficacy: 63Lm/W[1]
- Correlated colour temperature: 2700K, 3000k, 4000K
- Colour rendering: >90[3]
- Mac-Adams Ellipse: 3-SDCM
- LED Brand: Bridgelux COB LED
- Glare control: 24° UGR<11, 36° UGR<16
- Symmetrical distribution: 24°, 36°
- Outer trim: TR1 Ø67.5mm; Ceiling cut-out Ø64mm; TR2 Ø95mm Ceiling cut-out Ø70mm; TR3 W82 x L246mm Ceiling cut-out W59 x L223mm
- Ingress protection: IP20
- Luminaire finishes: White, Black (standard), Matte Silver, Rose Gold, Gun Metal, Matte Tea Bronze, Brass[4]
- Driver: non-dimmable LED driver as standard
- Dimming: Mains-Dimming, DALI-2, BLE (basicDIM Wireless / Casambi) on request[4]
- Weight: TR1 307g ; TR2 310g; TR3 886g (excluding driver)
- Warranty: 5 years[5]

Luminaire Finishes

- White (WH)
- Black (BK)
- Matt Brass (MB)
- Gun Metal (GM)
- Rose Gold (RG)
- Matt Tea Bronze (TB)
- Brass (BR)
- Matt Silver (MS)



Ceiling cut-out (TR1) Ø64mm / 10-25mm ceiling thickness
Ceiling cut-out (TR2) Ø70mm / 10-25mm ceiling thickness
Ceiling cut-out (TR3) W59 x L223mm / 10-25mm ceiling thick

Model	LED Output[2]	Luminous Flux[2]	LED Wattage	System Wattage	CCT	CRI[3]	Distribution
ESPRIT-M-**X**-16W-27K	1615Lm	1084Lm	16W	18W	2700K	>90	24°, 36°
ESPRIT-M-**X**-16W-3K	1700Lm	1134Lm	16W	18W	3000K	>90	24°, 36°
ESPRIT-M-**X**-16W-4K	1780Lm	1189Lm	16W	18W	4000K	>90	24°, 36°

FFor Mains-Dimming add suffix MD
For DALI-2 dimming add suffix D
For BLUETOOTH dimming add suffix BT

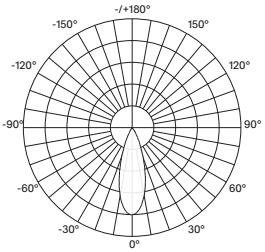
Trim options: **X** = TR1, TR2 or TR3

Example product order code configuration: ESPRIT-M-TR1-16W-3K-36-D-(WH/BR)

Model		Wattage		CCT		Distribution		Driver		Luminaire Finish
ESPRIT-M-TR1	+	**16W**	+	**3K**	+	**36**	+	**D**	+	**WH/BR**

Light Distribution

ESPRIT-M-TR1-16W-3K-36



AVERAGE BEAM ANGLE (50%): 37.2 DEG

Light output ratio

LOR	100%
ULOR	0%
DLOR	100%
FFR	0.00 (0:100)
BLF	1.00

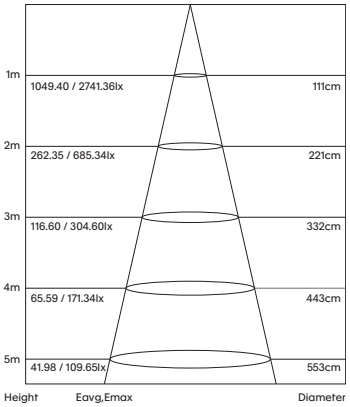
LUMINANCE cd/(m²)

G(DEG)	C0/180	C90/270
85	0	0
80	0	0
75	0	0
70	3729	8713
65	5836	9262
60	6979	9959
55	7713	9276
50	6817	10261

Room Reflectance

Ceiling	Walls	Floor
70	50	30

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: >90 Standard (Bridgelux COB Series)
4 Additional charges apply for non-standard colour/s, trim types and dimming options
5 Five year manufacturer's warranty covering product defects and performance deficiencies

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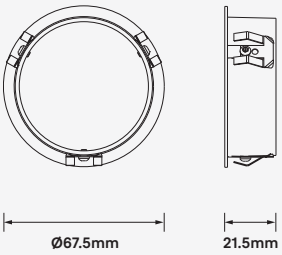
TR1 Ø **64** | TR2 Ø **70** | TR2 **59 x 223** | **3-Step** | CRI (Ra) **>90** | **24° / 36°**

Accessories

TR1
Fixed frame Ø67.5mm (cut-out Ø64mm)
Colour options:

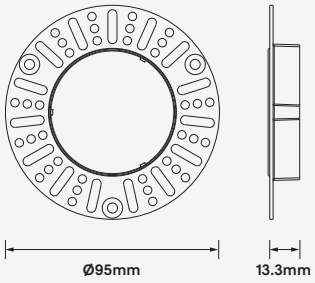
☐ White (WH) ■ Black (BK)





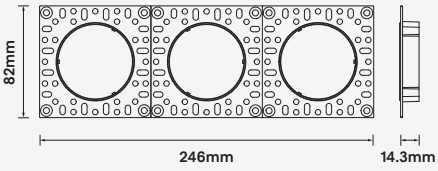
TR2
Trimless frame Ø95mm (cut-out Ø70mm)





TR3
3lt Trimless frame
W82 x L246mm (cut-out W59 x L223mm)





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