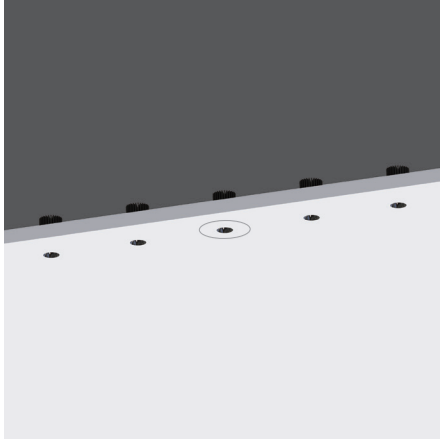


Twinkle-TL5

42.5W Fixed Trimless Recessed Downlight



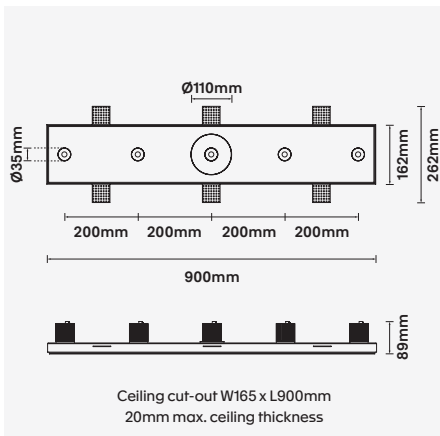
Exploded view

Luminaire Finish

White (WH) Gypsum

Baffle Finish

Black Chrome (BC)



Ceiling cut-out W165 x L900mm
20mm max. ceiling thickness

WATTAGE 42.5W

165 x 900

3-Step

Bluetooth

Z

batt

CE

WARRANTY 5YR

UGR <13

CRI (Ra) >90

20, 30°

IK 03

IP 20

The Twinkle LED downlight series offers optimised and efficient performance with symmetrical, low-glare illumination. The recessed LED architectural luminaire with a Ø35mm apertures offering a discrete pin-hole appearance with a luxurious black-chrome surface finish. Plaster set trimless finish giving a seamless integration into any plaster board ceiling installation.

Available in a range of colour temperatures and lumen packages. Integrating class leading Cree LED technology and coupled with Tridonic LED driver with optional dimming options. Twinkle series offers a 5 year warranty.

- Luminaire wattage: 42.5W (System 50W)
- Luminous flux: 2345-2475Lm²
- Luminaire efficacy: 47Lm/W¹
- Correlated colour temperature: 2700K, 3000K
- Colour rendering index: >90 standard³
- Mac-Adams Ellipse: 3-SDCM
- LED brand: Cree SMD LED
- Glare control: UGR<13
- Symmetrical distribution: 20°, 30°
- Outer trim Width 162mm x Length 896mm; Ceiling cut-out Width 165mm x Length 900mm
- Ingress protection rating: IP20
- Luminaire finishes: White Gypsum
- Baffle Option: Black chrome
- Longevity: >50,000Hrs L80 B10
- Driver: Tridonic non-dimmable LED driver as standard
- Dimming: DALI-2, BLE (basicDIM Wireless / Casambi) on request⁴
- Weight: 5.2Kgs (excluding driver)
- Warranty: 5 years⁵

Model	LED Output ²	Luminous Flux ²	LED Wattage	System Wattage	CCT	CRI ³	Distribution
TWINKLE-TL5-42.5W-27K	4900Lm	2365Lm	42.5W	50W	2700K	>90	20°
TWINKLE-TL5-42.5W-3K	5250Lm	2475Lm	42.5W	50W	3000K	>90	20°
TWINKLE-TL5-42.5W-27K	4900Lm	2365Lm	42.5W	50W	2700K	>90	30°
TWINKLE-TL5-42.5W-3K	5250Lm	2475Lm	42.5W	50W	3000K	>90	30°

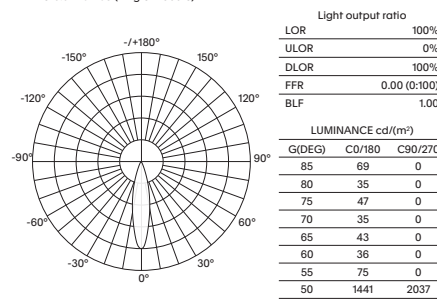
For Non-dimming add suffix ND
For DALI-2 dimming add suffix D
For BLUETOOTH dimming add suffix BT

Example product order code configuration: TWINKLE-TL5-42.5W-3K-30-D-(WH/BC)

Model	Wattage	CCT	Distribution	Driver	Luminaire Finish / Baffle Finish
TWINKLE-TL5	42.5W	3K	30	D	WH/BC

Light Distribution

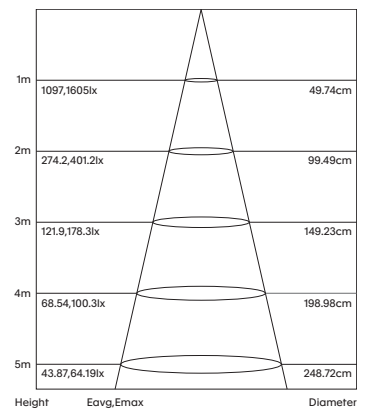
Twinkle-8.5W-3K-30 (Single module)



Utilisation Factors

Room Reflectance	Room Index										
Ceiling Walls Floor	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00		
70 50 20	92	96	100	103	105	107	108	110	112		

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 (Cree SMD 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