

Evolution-W68

13W / 18W Fixed LED Recessed Wall Washer Downlight

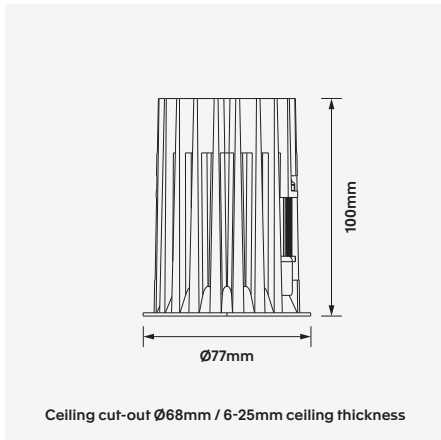


Luminaire Finishes

White (WH) Black (BK)

Interchangeable Baffle Finishes

White (WH) Black (BK) Matt (MT)



WATTAGE 13W / 18W

Ø 68

UGR <13

Bluetooth

Z

BAIT

CE

WARRANTY 5YR

3-Step

CRI (Ra) >90

IP 44

WALL WASHER

A fixed recessed LED architectural wall washer series providing asymmetric distribution with advanced optics for uniform illuminance. The Evolution wall washer offers optimised performance, delivering high lumen emittance from a compact and efficient luminaire. Constructed from a die-cast aluminium housing with a high purity aluminium reflector and a high-grade polycarbonate secondary reflector.

The Evolution-W68 integrates Zhaga compliant Citizen LED technology, with various dimming options from DALI-2/DSI, corridorFUNCTION, ready2mains and basicDIM Wireless control gear alternatives. 5 year warranty as standard.

- Luminaire wattage: 13W / 18W (System 15W / 21W)
- Luminous flux: 820-880Lm; 1100-1200Lm²
- Luminaire efficacy: 63.07Lm/W; 61.11L/mW¹
- Correlated colour temperature: 3000K, 4000K
- Colour rendering index: >90³
- Mac-Adams Ellipse: 3-SDCM
- LED Brand: Citizen COB LED
- Glare control: UGR<13
- Distribution: Asymmetrical
- Outer trim Ø77mm; Ceiling cut-out Ø68mm
- Ingress protection rating: IP44
- Luminaire finishes: White, Black
- Baffle Options: Black, White, Matt
- Longevity: >50,000Hrs L80 B10
- Driver: Tridonic non-dimmable as standard
- Dimming: DALI-2, BLE (basicDIM Wireless / Casambi) on request⁴
- Weight: 435g (excluding driver)
- Warranty: 5 years⁵

| Model | LED Output ² | Luminous Flux ² | LED Wattage | System Wattage | CCT | CRI ³ | Distribution |
|----------------------|-------------------------|----------------------------|-------------|----------------|-------|------------------|--------------|
| EVOLUTION-W68-13W-3K | 1500Lm | 820Lm | 13W | 15W | 3000K | >90 | Asymmetric |
| EVOLUTION-W68-13W-4K | 1600Lm | 880Lm | 13W | 15W | 4000K | >90 | Asymmetric |
| EVOLUTION-W68-18W-3K | 2000Lm | 1100Lm | 18W | 21W | 3000K | >90 | Asymmetric |
| EVOLUTION-W68-18W-4K | 2100Lm | 1200Lm | 18W | 21W | 4000K | >90 | Asymmetric |

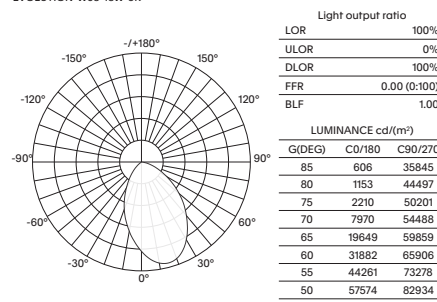
For Non-dimming add suffix ND
For DALI-2 dimming add suffix D
For BLUETOOTH dimming add suffix BT

Example product order code configuration: EVOLUTION-W68-13W-3K-ASY-D-(WH/MT)

| Model | Wattage | CCT | Distribution | Driver | Luminaire Finish / Baffle Finish |
|---------------|---------|-----|--------------|--------|----------------------------------|
| EVOLUTION-W68 | 13W | 3K | ASY | D | WH/MT |

Light Distribution

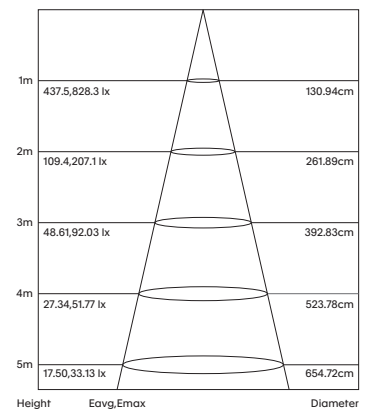
EVOLUTION-W68-18W-3K



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 | 71 | 79 | 85 | 90 | 95 | 98 | 101 | 105 | 107 | |

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 (Citizen COB 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