

## Recco-F100S

### 13W / 18W Fixed LED Square Recessed Downlight

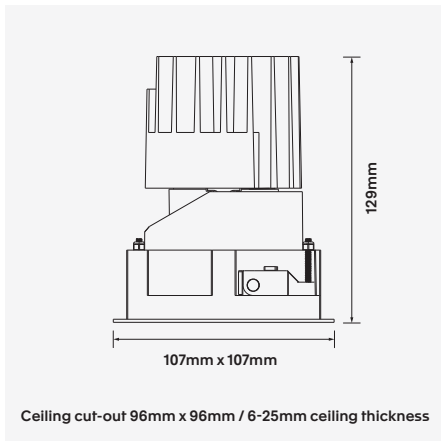


Luminaire Finishes

- White (WH)     Black (BK)

Interchangeable Baffle Finishes

- White (WH)     Black (BK)     Matt (MT)  
 Specular (SP)     Black Chrome (BC)  
 Gold (GD)



Accessories

**RECCO-100S-HC**  
Honeycomb mesh



**RECCO-100S-TR**  
Trimless



WATTAGE 13W / 18W
COI ON REQUEST
Bluetooth
Z
CE
WARRANTY 5YR

3-Step
96 x 96
28° / 35° / 50°
CRI (Ra) >90
IP 20
UGR <19

A fixed recessed LED architectural luminaire series providing low-glare light distribution. High quality and versatile, the Recco fixed LED downlight series offers optimised and efficient performance in a vast range of cut-out and wattage/lumen packages. Recco is available in a range of colour temperatures, beam angles, secondary reflector finishes and dimming options. Additional accessories can also be used with the recessed downlight, including an anti-glare honeycomb reflector and trimless mounting kit.

Recco fixed is constructed from a die-cast aluminium housing with high purity aluminium primary reflector and high-grade polycarbonate secondary reflector. A spring-loaded push back arm also makes for easy installation.

The Recco series Integrates Zhaga compliant Citizen LED technology with Tridonic control gear and comes with a 5 year warranty.

- Luminaire wattage: 13W, 18W (System 15W, 21W)
- Luminous flux: 900-950Lm, 1200-1300Lm<sup>2</sup>
- Luminaire efficacy: 69.23Lm/W, 66.66Lm/W<sup>1</sup>
- Correlated colour temperature: 3000K, 4000K
- Colour rendering index: >90 standard; >97/COI on request<sup>3</sup>
- Mac-Adams Ellipse: 3-SDCM
- LED brand: Citizen COB LED
- Glare control: UGR<19
- Symmetrical distribution: 28°, 35°, 50°
- Outer Trim L107mm x W107mm; Ceiling cut-out W96mm x L96mm
- Ingress protection rating: IP20 standard (IP44 Module)
- Luminaire finishes: White, Black
- Baffle Options: White, Black, Matt, Specular, Black Chrome, Gold<sup>4</sup>
- Longevity: >50,000Hrs L80 B10
- Driver: Tridonic non-dimmable as standard
- Dimming: DALI-2, BLE (basicDIM Wireless / Casambi) on request<sup>4</sup>
- Weight: 600g (excluding driver)
- Warranty: 5 years<sup>5</sup>

Model	LED Output <sup>2</sup>	Luminous Flux <sup>2</sup>	LED Wattage	System Wattage	CCT	CRI <sup>3</sup>	Distribution
RECCO-F100S-13W-3K	1300Lm	900Lm	13W	15W	3000K	>90	28°, 35°, 50°
RECCO-F100S-13W-4K	1400Lm	950Lm	13W	15W	4000K	>90	28°, 35°, 50°
RECCO-F100S-18W-3K	1700Lm	1200Lm	18W	21W	3000K	>90	28°, 35°, 50°
RECCO-F100S-18W-4K	1800Lm	1300Lm	18W	21W	4000K	>90	28°, 35°, 50°

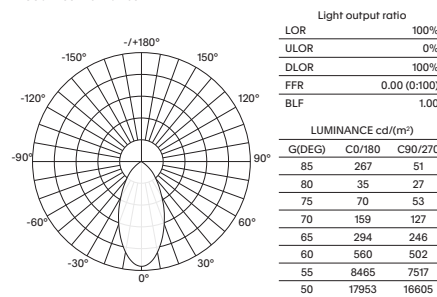
For Non-dimming add suffix ND  
 For DALI-2 dimming add suffix D  
 For BLUETOOTH dimming add suffix BT

Example product order code configuration: RECCO-F100S-18W-3K-50-D-(WH/SP)

Model	Wattage	CCT	Distribution	Driver	Luminaire Finish / Baffle Finish
RECCO-F100S	18W	3K	50	D	WH/SP

Light Distribution

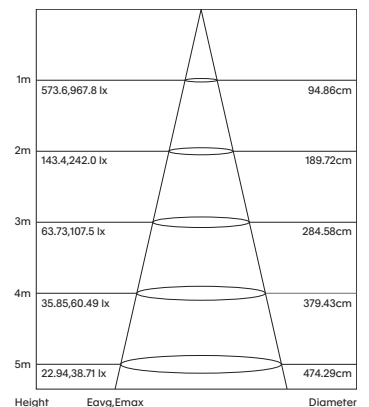
RECCO-F100S-18W-3K-50



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	81	88	93	97	101	103	105	108	109	

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 (Citizen COB Series), >97/Cyanosis Observation Index (COI) compliance on request: Citizen LED series compliant to AS/NZS1680.2.5:2018; COI <3.3 and CCT 3300-5300K  
 4 Additional charges apply for non-standard colour/s and dimming options  
 5 Five year manufacturer's warranty covering product defects and performance deficiencies