co:lab

Project
Type:
Model:

Recco-W100S

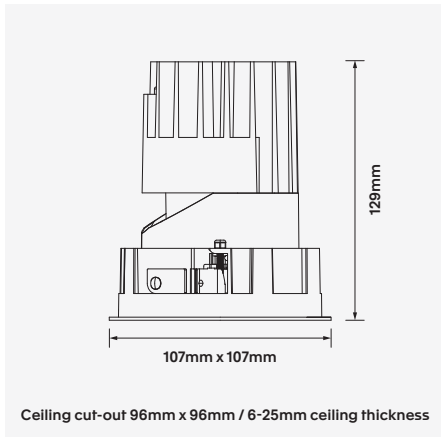### 13W / 18W Fixed Square LED Wall Washer Downlight

WATTAGE **13W / 18W**	**COI** ON REQUEST	**Bluetooth** ✻	ⓏⓏ	DALI	CE	⚠	WARRANTY **5YR**
3-Step	96 x 96	**WALL WASHER**	CRI (Ra) **>90**	IP 20	UGR **<19**	

Fixed recessed LED architectural wall washer series providing asymmetric distribution with advanced optics for continual and uniform illuminance. High quality and versatile, the Recco LED wall washer series offers optimised and efficient performance in a range of cut-outs and wattage/lumen packages. Recco is available in a range of colour temperatures, beam angles, secondary reflector finishes and dimming options. A trimless mounting kit can also be used as an additional accessory.

The Recco wall washer is constructed from a die-cast aluminium housing with high purity aluminium primary reflector and high-grade polycarbonate secondary reflector. The 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: 480-520Lm, 650-700Lm[2]
- Luminaire efficacy: 36.9Lm/W, 36.11Lm/W[1]
- Correlated colour temperature: 3000K, 4000K
- Colour rendering index: >90 standard; >97 / COI on request[3]
- Mac-Adams Ellipse: 3-SDCM
- LED brand: Citizen COB LED
- Glare control: UGR<19
- Distribution: Asymmetrical
- Outer Trim L107mm x W107mm; Ceiling cut-out L96mm x W96mm
- Ingress protection rating: IP20
- Luminaire finishes: White, Black
- Baffle Options: White, Black, Matt[4]
- Longevity: >50,000Hrs L80 B10
- Driver: Tridonic non-dimmable as standard
- Dimming: DALI-2, BLE (basicDIM Wireless / Casambi) on request[4]
- Weight: 650g (excluding driver)
- Warranty: 5 years[5]

Luminaire Finishes

☐ White (WH)   ■ Black (BK)

Interchangeable Baffle Finishes

☐ White (WH)   ■ Black (BK)   ▨ Matt (MT)

129mm

107mm x 107mm

Ceiling cut-out 96mm x 96mm / 6-25mm ceiling thickness

Accessories

RECCO-100S-TR
Trimless

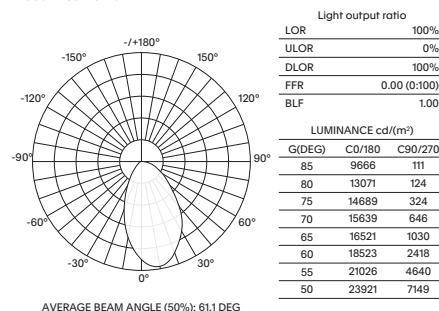| Model	LED Output[2]	Luminous Flux[2]	LED Wattage	System Wattage	CCT	CRI[3]	Distribution
RECCO-W100S-13W-3K	1300Lm	480Lm	13W	15W	3000K	>90	Asymmetrical
RECCO-W100S-13W-4K	1400Lm	520Lm	13W	15W	4000K	>90	Asymmetrical
RECCO-W100S-18W-3K	1700Lm	650Lm	18W	21W	3000K	>90	Asymmetrical
RECCO-W100S-18W-4K	1800Lm	700Lm	18W	21W	4000K	>90	Asymmetrical

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-W100S-18W-3K-ASY-D-(WH/MT)

Model		Wattage		CCT		Distribution		Driver		Luminaire Finish / Baffle Finish
RECCO-W100S	+	**18W**	+	**3K**	+	**ASY**	+	**D**	+	**WH/MT**

Light Distribution

RECCO-W100S-18W-3K

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	9666	111
80	13071	124
75	14689	324
70	15639	646
65	16521	1030
60	18523	2418
55	21026	4640
50	23921	7149

AVERAGE BEAM ANGLE (50%): 61.1 DEG

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	78	85	89	95	98	101	104	106

Cone Diagram

Height	1m	2m	3m	4m	5m	
Eavg,Emax	263.9,477.1lx	65.98,119.3lx	29.32,53.01lx	16.49,29.82lx	10.56,19.08lx	
Diameter	109.12cm	218.24cm	327.36cm	436.48cm	545.60cm	
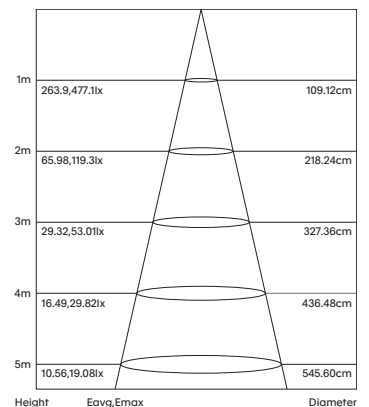
1 Luminaire efficacy based on CCT 3000K; CCT variation will alter efficacy
2 +/- 10% stated initial LED and luminous flux tolerance
3 Colour Rendering Index: >90 Standard (Citizen COB Series), >97/Cyanosis Observation Index (COI) compliance on request: Citizen LED series compliant to AS/NZS1680.2.5:2018; 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