

Recco-A100S

13W / 18W Adjustable LED Square Recessed Downlight

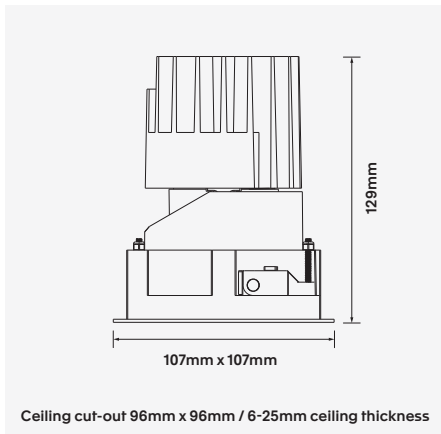


Luminaire Finishes

- 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
20° / 40° / 50°
355° 30°
CRI (Ra) >90
IP 20
UGR <19

Adjustable recessed LED architectural luminaire series providing low-glare light distribution with a unique mechanism for uniform and precise angle adjustment and spring-load pushback for easy installation. Driven by high quality and versatile design, the Recco adjustable LED downlight series offers optimised and efficient performance with a vast range of cut-out and wattage/lumen packages. It is available in a range of colour temperatures, beam angles and secondary reflector finishes to suit a multitude of applications.

Recco offers various dimming options and an additional anti-glare honeycomb reflector accessory. The fitting is made from a die-cast aluminium housing with high purity aluminium primary reflector and high-grade polycarbonate secondary reflector. Integrating Zhaga compliant Citizen LED technology with Tridonic control gear, the Recco-A series offers a 5 year warranty.

- Luminaire wattage: 13W, 18W (System 15W, 21W)
- Luminous flux: 850-900Lm, 1100-1200Lm²
- Luminaire efficacy: 65.38Lm/W, 61.11Lm/W¹
- Correlated colour temperature: 3000K, 4000K
- Colour rendering index: >90 standard; >97/COI on request³
- Mac-Adams Ellipse: 3-SDCM
- LED brand: Citizen COB LED
- Glare control: UGR<19
- Symmetrical distribution: 20°, 40°, 50°
- Outer Trim L107mm x W107mm;
- Ceiling cut-out W96mm x L96mm
- Adjustability: ±30° Tilt, 355° Rotation
- Ingress protection rating: IP20
- Luminaire finishes: White, Black
- Baffle Options: White, Black, Matt, Specular, Black Chrome, Gold⁴
- Longevity: >50,000Hrs L80 B10
- Driver: Tridonic non-dimmable as standard
- Dimming: DALI-2, BLE (basicDIM Wireless / Casambi) on request⁴
- Weight: 615g (excluding driver)
- Warranty: 5 years⁵

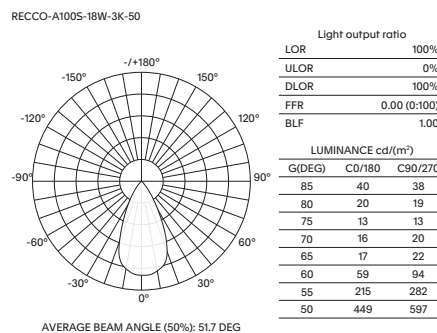
Model	LED Output ²	Luminous Flux ²	LED Wattage	System Wattage	CCT	CRI ³	Distribution
RECCO-A100S-13W-3K	1300Lm	900Lm	13W	15W	3000K	>90	20°, 40°, 50°
RECCO-A100S-13W-4K	1400Lm	950Lm	13W	15W	4000K	>90	20°, 40°, 50°
RECCO-A100S-18W-3K	1700Lm	1100Lm	18W	21W	3000K	>90	20°, 40°, 50°
RECCO-A100S-18W-4K	1800Lm	1200Lm	18W	21W	4000K	>90	20°, 40°, 50°

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

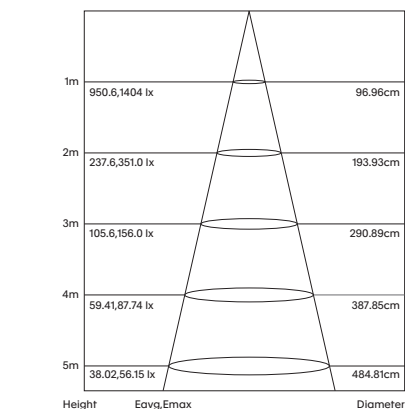
Example product order code configuration: RECCO-A100S-18W-3K-50-D-(WH/SP)

Model	Wattage	CCT	Distribution	Driver	Luminaire Finish / Baffle Finish
RECCO-A100S	18W	3K	50	D	WH/SP

Light Distribution



Cone Diagram



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	91	95	99	102	104	106	108	110	111	

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