

**SERNA  
ADJUSTABLE 45**

Direct | Recessed



## SERNA ADJUSTABLE 45



### Quick Info

#### Mounting Type

Recessed

#### Material Colour

Customize RAL available

#### Protection mode

IP40

#### Driver Details

ON/OFF/, DALI-2 DT6 / DALI-2 DT8/ DALI +

Power Factor (PF) -0.95

THD- <10%

UGR - <19

#### LED

CCT- 3000K/ 4000K/ 5700K/ TUNABLE WHITE 2700K-6500K

CRI-  $\geq 90$

Life Span - L70@50000h

MacAdam -  $\leq 3$  SDCM

#### Beam Angle

15°/ 24°/ 36°

#### Optics

Lens & Reflector

#### Efficacy

3000K- 85.2

4000K- 97.7

5700K- 113.2

Tunable White 2700K-6500K- 97.7

#### Electrical

Wattage - 7W

Input Voltage- 220-240V AC

#### Physical

Outer Dia- 50mm

Cutout Dia- 45mm

Height-100mm

SERNA ADJUSTABLE 45 is a premium range Recessed COB Spot Light Downlighter available in an adjustable version, manufactured with die-cast aluminium housing, integrated heat sink, and a premium powder-coated finish. Its compact design enables precise beam positioning for focused and accent lighting applications.

Powered by a high-quality COB LED with a binning tolerance of  $\leq 3$  SDCM and CRI  $\geq 90$ , the luminaire delivers excellent colour consistency and visual comfort. The fixture maintains at least 70% of its luminous flux after 50,000 operating hours. High-efficiency lens and reflector optics are available with 15°, 24°, and 36° beam angle options for precise light distribution.

SERNA ADJUSTABLE 45 is available in 7W wattage and is designed for direct light distribution in residential, hospitality, retail, and commercial environments. The adjustable mechanism offers flexibility for accent lighting, while optional customization features further enhance installation versatility and functionality.

#### Single Line Diagram

##### SERNA ADJUSTABLE-45

Recessed

