

80×80	2m	IP20	RGBW	20W/m	CE
Dimension (mm)	Max Length	Protection	LED Colour	LED Power	Certified

PRODUCT FEATURES

- Extruded aluminium cornice profile with integrated LED channel for indirect ceiling-level illumination
- Large 80×80 mm profile designed for drywall recessed installation compatible with 12.5 mm plasterboard
- Perforated plaster flange for strong mechanical bond with joint compound and plasterboard
- Accommodates FCOB RGBW LED strip (WS2814, 784 LEDs/m) for smooth, dot-free linear illumination
- PC diffused cover for even light distribution — eliminates visible LED hotspots
- Available in anodised aluminium, white, and black finishes
- Produces upward wash illumination for ambient ceiling glow and architectural feature lighting

TECHNICAL SPECIFICATIONS

Profile	Accessories	Finish
Material Extruded Aluminium	End Cap	Anodised Aluminium
Overall Dimension 80 × 80 mm	Plastic (with/without hole)	Standard
Visible Face 60 mm (2.36")	Diffuser	White
Max Length 2 m	PC diffused cover	Standard
Mounting Drywall recessed	Mounting	Black
Drywall Compat. 12.5 mm plasterboard	Perforated plaster flange	Standard
IP Rating IP20		Surface
		Anodised / Powder coat

LED STRIP MODULE

Light Source	Electrical	Physical
LED Type FCOB (Flip Chip on Board)	Power 20W/m	FPCB Width (IP30) 10 mm
IC Type WS2814	Input Voltage 24V DC	FPCB Width (IP66) 12 mm
LED Density 784 LEDs/m	Addressable Segment Every 71.42 mm	Cutting Interval 71.42 mm
Colour RGBW (addressable)	Solder Joints Every 0.5 m	Adhesive Heat-conductive double-sided
CRI Ra >90	Connection SPI Data (WS2814)	Operating Temp -20°C to +45°C
Viewing Angle 180°	Control LightEFX Ecosystem	Storage Temp -20°C to +60°C
White Variants RGBW	Commissioning App-driven	IP Rating IP30 / IP66

INSTALLATION OVERVIEW

The TRIM-CORN-168 installs into a plasterboard ceiling junction using a perforated flange system.
The profile sits at the wall-ceiling junction with the LED channel facing upward toward the ceiling plane.

- 1. Fix the aluminium base profile to the wall/ceiling frame before plasterboard
- 2. Install plasterboard — the perforated flange sits behind the board for a flush junction
- 3. Apply joint compound over the perforated flange and finish/paint
- 4. Install the LED strip into the channel
- 5. Snap the PC diffused cover into place
- 6. Profile is complete — LED wash illuminates the ceiling plane

ECOSYSTEM COMPATIBILITY

Control	Application	Certifications
Ecosystem	Environment	Standards
APP or Touchscreen Hub	Indoor	CE / RoHS
Scenes	Mounting	IP Rating
150+ customisable	Drywall recessed (ceiling junction)	IP20
Sync	Light Effect	Warranty
WiFi multi-zone coordination	Upward ceiling wash	2 years (standard)
Commissioning	Use Case	
App-driven	Commercial / Residential / Hospitality	
COMPLIANCE		

CE	RoHS	IP20
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Specifications are subject to change without notice. Actual performance may vary depending on installation conditions, thermal management and power supply quality. LightEFX recommends verification with project-specific requirements.