

76.2×76.2 Dimension (mm)	2m Max Length	IP20 Protection	RGBW LED Colour	20W/m LED Power	CE Certified
-----------------------------	------------------	--------------------	--------------------	--------------------	-----------------

PRODUCT FEATURES

- Extruded aluminium cornice profile with integrated LED channel for indirect ceiling-level illumination
- Large 76.2×76.2 mm (3×3") profile for ceiling-mounted installation — surface-fixed to ceiling substrate
- Dual internal LED channels accommodating two rows of LED strip for higher output or colour mixing
- Accommodates FCOB RGBW LED strip (WS2814, 784 LEDs/m) for smooth, dot-free linear illumination
- Multiple diffuser options: PMMA opal matte, PMMA semi-clear, or PC diffused cover
- Available in anodised aluminium, white, and black finishes
- 180° inline and 90° vertical connectors for continuous cornice runs around corners
- Aluminium end caps for clean profile termination

TECHNICAL SPECIFICATIONS

Profile	Accessories	Finish
Material Extruded Aluminium	End Cap Aluminium (without hole)	Anodised Aluminium Standard
Overall Dimension 76.2 × 76.2 mm	Diffuser (Opt. 1) PMMA opal matte cover	White Standard
Overall (Imperial) 3.00" × 3.00"	Diffuser (Opt. 2) PMMA semi-clear cover	Black Standard
Inner Width 47.9 mm (1.10")	Diffuser (Opt. 3) PC diffused cover	Surface Anodised / Powder coat
Max Length 2 m	Connector (Inline) 180° connector	
Mounting Ceiling surface mount	Connector (Corner) 90° vertical connector	
IP Rating IP20		

Specifications are subject to change without notice. Actual performance may vary depending on installation conditions. LightEFX recommends verification with project-specific requirements.

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-190 mounts to the ceiling surface at the wall-ceiling junction.
The enclosed profile conceals the LED strip and directs light downward along the wall plane.

1. Fix the aluminium cornice profile to the ceiling substrate using appropriate fixings
2. Install the LED strip into the internal channel using the adhesive backing
3. Select and snap the appropriate diffuser cover (PMMA opal, semi-clear, or PC diffused)
4. Install aluminium end caps at profile terminations
5. Use 180° connectors for inline joins and 90° vertical connectors at corners

ECOSYSTEM COMPATIBILITY

Ecosystem	APP or Touchscreen Hub
Scenes	150+ customisable
Sync	WiFi multi-zone coordination
Commissioning	App-driven
Environment	Indoor
Application	Commercial / Residential / Hospitality

COMPLIANCE

CE	RoHS	IP20
----	------	------

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.