

kendila

T-GRID

Linear Series

Datasheet. V01

Architectural Collection

www.kendila.com

Project: Type:
 Specifier: Date:

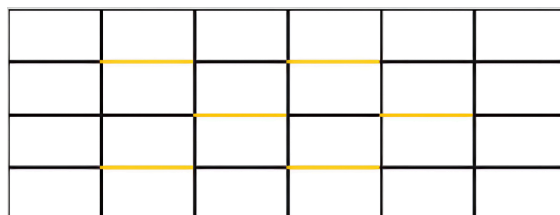


KEY FEATURES

- Seamless ceiling integration, replacing selected cross tee grid systems.
- Dot-free linear lighting with a compact appearance.
- Hidden wiring for a clean aesthetic.
- High efficacy LED engine (110lm/W)
- Compatible with 15mm (9/16in) and 24mm (15/16in) T-grid systems.
- Easy installation and maintenance with magnet-based mounting.

APPLICATION

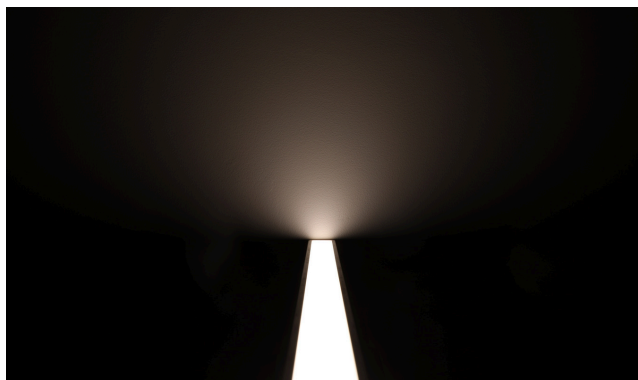
Surface-mounted on metal T-grid ceilings, ideal for offices, retail, lobbies, conference rooms, showrooms, and classrooms



CONFIGURATIONS

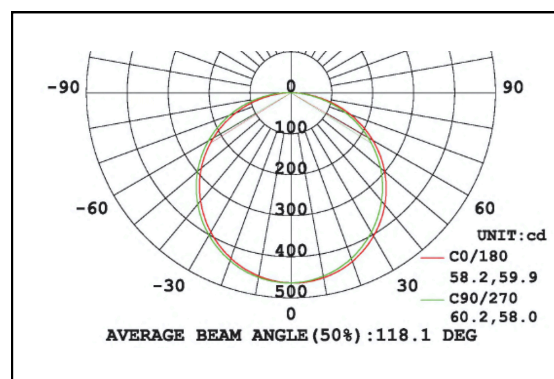
• DIFFUSION Version

120° beam angle for ambient lighting



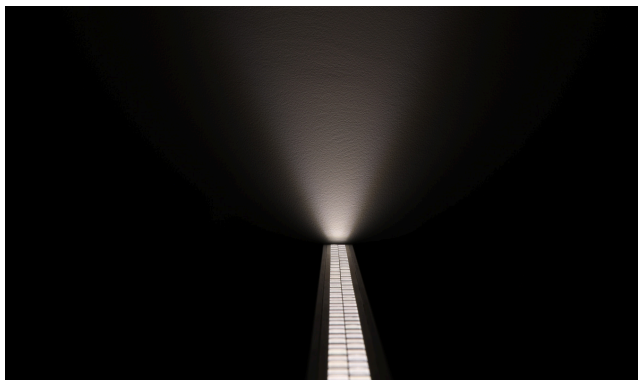
OPTICAL DISTRIBUTION

• DIFFUSION Version

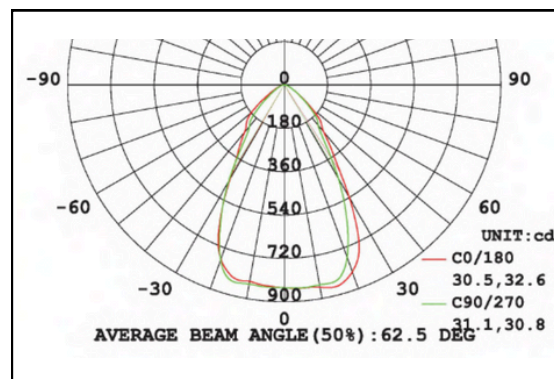


• GRATING Version

60° UGR16 glare-free for accent lighting



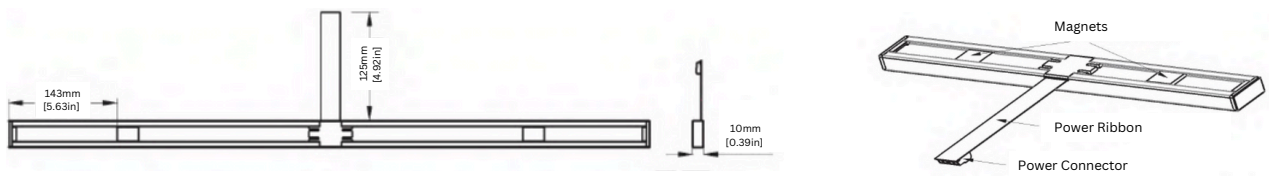
• GRATING Version



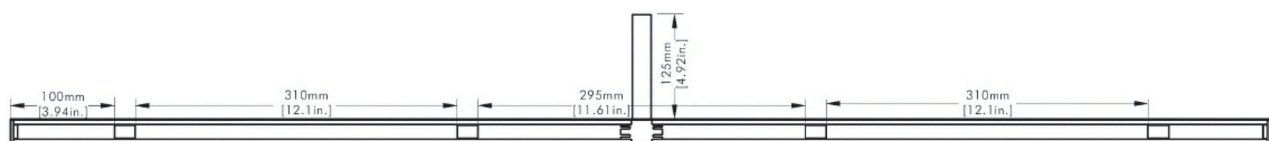


OVERALL DIMENSIONS

- 24" (2ft) Version



- 48" (4ft) Version



ELECTRICAL

Input Voltage

24VDC

CCT & CRI

2700K, 3000K, 3500K, 4000K, 5000K, 6500K
80+CRI, 90+CRI

Power

12W @ 24in (0.6M)

24W @ 48in (1.2M)

Lumen Output

Diffusion:

- 1320lm @ 24in

- 2640lm @ 48in

Grating:

- 1200lm @ 24in

- 2400lm @ 48in

Light Efficacy

110 lm/W @ 4000K 80CRI

94 lm/W @ 4000K 90CRI

Safety Information

cULus Listed, CE, RoHS, IP20, ErP

Dimming

Available with PMW Signal

MECHANICAL

Application & Mounting

Magnetic Mount

Construction

Profile - Aluminium Extrusion

Diffuser - Polycarbonate

Lenght Specification

24in - L609 x W25 x H10mm

48in - L1212 x W25 x H10mm

Finish

Anodized Silver

Ingress Protection

IP20

Operating Ambient Temperature

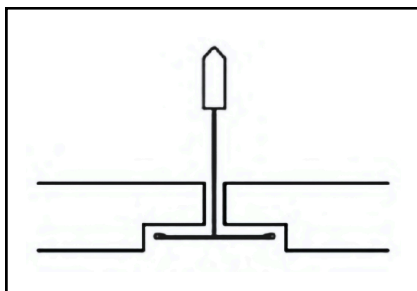
-20°C to 45°C

Storage Temperature

-20°C to 45°C at 50% Humidity

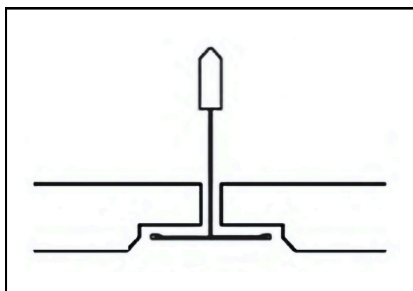


COMPATIBILITY



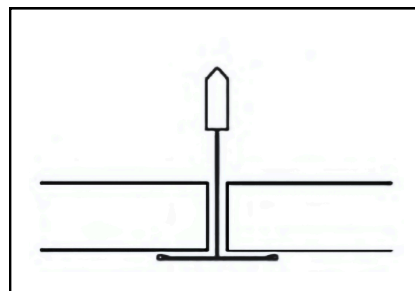
REGULAR EDGE

15mm [9/16in.] T-grid bar
24mm [15/16in.] T-grid bar



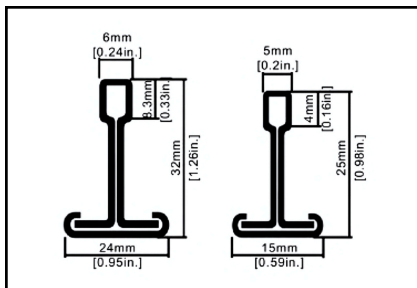
BEVELED REGULAR EDGE

24mm [15/16in.] T-grid bar

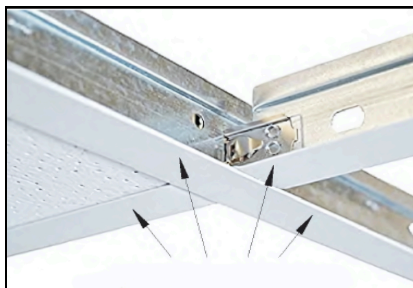


SQUARE EDGE

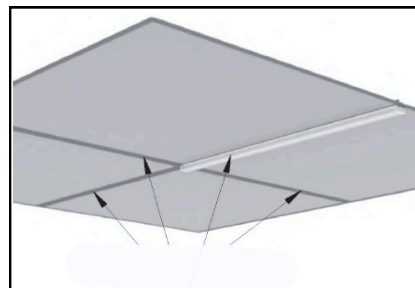
24mm [15/16in.] T-grid bar



CROSS SECTION

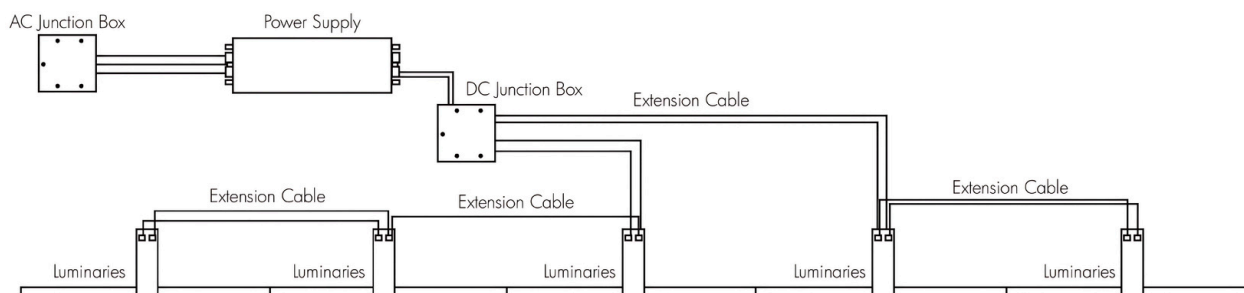


MOUNT ON METAL GRID



MOUNT ON METAL GRID

CONNECTIVITY



- Maximum parallel connections for 24" long fixture: 16 units per power supply.
- Maximum parallel connections for 48" long fixture: 8 units per power supply.



HOW TO SPECIFY

ARC	TGR				
Collection	Product	Version	Length	CCT & CRI	Unit Power Supply (Optional)

ARC Architectural	TGR T-GRID	D Diffusion	24 24" (2ft)	27KS 2700K/80CRI	STD 24V Fixtures + Remote High Power LED Driver
		G Grating	48 48" (4ft)	30KS 3000K/80CRI	ULD 24V Fixtures + Unit Low Power LED Driver
				35KS 3500K/80CRI	
				40KS 4000K/80CRI	
				50KS 5000K/80CRI	
				Replace S with H for 90CRI	

- Please specify if 0-10V 10% dimming is required, Remote driver (Extra \$)
- Do not install the fixture when power is on. Before powering ON, make sure the wiring is correct.
- Avoid changing or damaging the circuit or other components of the fixture.
- Avoid twist and irregular bend during installation, which might cause non repairable defect.

TERMS & NOTICE

Kendila reserves the right to change the specification, material and colors at any time without notice. Standard warranty terms and conditions apply.

All dimensions and values on specification sheet are nominal.

- K-SSV01-ARC-T-GRID-EN : March 2025

COMPLIANCE & WARRANTY

