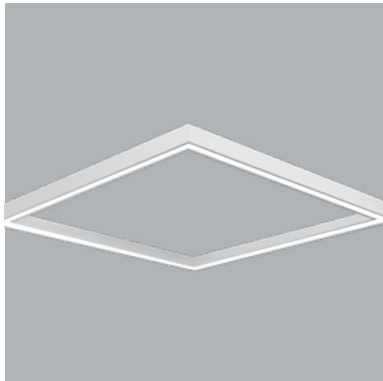


20 Linear Surface Frame Square



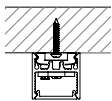
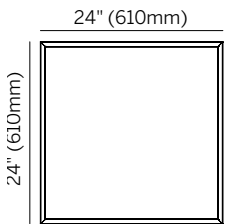
Contents

1	overview
2	specifications / configurator
3	photometry

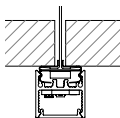


Square surface mounted luminaire, fits standard ceiling grids.

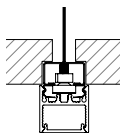
- Surface mounted fixture with very shallow depth for continuous mounting to any length (1/4" increments), as well as standard grid multiples.
- Multiple lens options for diffuse, high efficiency and luminous effect.
- Extruded aluminum housing, easily installed. Field maintainable and upgradeable LED and driver without upsetting the ceiling.
- Efficacy up to 76 lumens per watt (delivered) @ 3000K, see photometry page for details.
- 90+ CRI, 3 Step MacAdam (Static White).
- L70 (TM21 Projected 85°C) Static White 60,000 hours.
- ETL and ETL-C for dry and damp locations.
- Lengths and angles factory-cut to exact field dimensions. Standard and custom corners.
- Powdercoat painted.



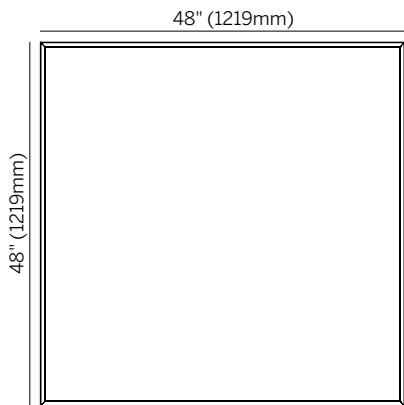
Screw clip (SC)



T-bar grid clip (GT9 / GT15)



9/16" Bolt Slot Tegular clip (BS9T)



20 Linear Surface Frame Square

Ordering Information										
WG-20LDL-FR		SQ								
Model	Fixation	Pattern	Length	Power ¹	CRI/CCT ²	Driver ³	Lens	Finish	Cable	Options
WG-20LDL-FR	SC GT9 GT9T GT15	SQ	24 x 24 48 x 48 A x A	L M	927 930 935 940	X S D010 DPH L3DAE L3DOE EL96 DALI	OD (std) MPL	W (std) B S F	C4 (std) C10 C20 C30	AWNRF BT EM

Model

- WG-20LDL-FR = 20 Linear Surface Frame Square

Fixation

- SC = Screw clip
- GT9 = 9/16" T-bar grid clip
- GT9T = 9/16" Tegular grid clip
- GT15 = 15/16" T-bar grid clip

Pattern

- SQ = Square with 4 sided and 90° corners on the same plane

Length

- 24 x 24 = 24" x 24"
- 48 x 48 = 48" x 48"
- A x A = specify inches to the nearest 0.25" (i.e. 72.25")

Power¹

- L = 3W/ft low power (24V)
24 x 24, 24W
48 x 48, 48W
- M = 6W/ft mid power (24V)
24 x 24, 48W
48 x 48, 96W

CRI / CCT (90+ CRI minimum)²

- 9927 = 2700K
- 930 = 3000K
- 935 = 3500K
- 940 = 4000K

Driver (remote)³

- X = No driver, ordered separately
- S = Standard, non-dim driver 120-277V
- D010 = eldoLED, 10%, 0-10V dimming, 120-277V
- DPH = Phase Dimming, 1% dimming, 120V only
- L3DAE = Lutron Hi-lume 1% EcoSystem, 120-277V
- L3DOE = Lutron Hi-lume Premier 0.1% EcoSystem, 120-277V
- EL96 = eldoLED, 24V, 0.1% 0-10V Dimming, 120-277V
- DALI = eldoLED DALI (DT6), 0.1% dimming (120-277V)

Lens

- OD = Satin opal diffuser (standard)
- MPL = Micro-prismatic lens

Finish

- W = White, 15% gloss, RAL 9010 (standard)
- B = Black, 15% gloss, RAL 9005
- S = Silver, 15% gloss, RAL 9006
- F = Custom finished trim, specify RAL

Cable

- C4 = 4' tray cable (plenum rated) (standard)
- C10 = 10' tray cable (plenum rated)
- C20 = 20' tray cable (plenum rated)
- C30 = 30' tray cable (plenum rated)

Options

- AWNRF = Lutron Athena Wireless Node RF (specify with D010, EL96 or DALI)
- BT = Wireless CAS - Casambi (specify with D010, EL96 or DALI)
- EM = Emergency LED driver (remote)

- 1 Wattage shown is for LED boards only, system wattage varies depending on driver selected.
- 2 See photometric data sheet for delivered lumens.
- 3 Remote power supply required. See power supply page for details.

Lenses/Accessories

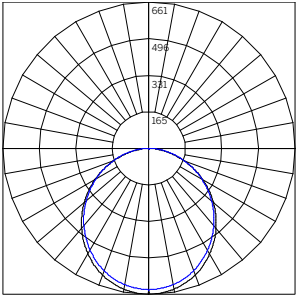


Opal Diffuser (OD)

Micro-prismatic Lens (MPL)

20 Linear Surface Frame Square

WG-20LDL-FR-SQ-X-24X24-...-OD-W ¹			
Delivered Lumens Per Foot			
		Power	
		L [3 W/ft]	M [6 W/ft]
CCT	927	1408	2816
	930	1536	3064
	935	1816	3640
	940	2160	4320



BEAM ANGLE (0-180) = 110.3
BEAM ANGLE (90-270) = 110.4

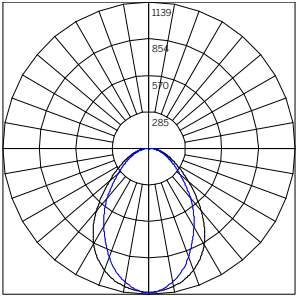
WG-20LDL-FR-SQ-X-48X48-...-OD-W			
Delivered Lumens Per Foot			
		Power	
		L [3 W/ft]	M [6 W/ft]
CCT	927	2816	5632
	930	3072	6128
	935	3632	7280
	940	4320	8640

Power Multiplier				
	L [3 W/ft]		M [6 W/ft]	
9XX	0.5		1.0	
CCT Multiplier				
	927	930	935	940
	0.77	0.84	1.00	1.19

1 Polar Plot is applicable to part number noted; use Multiplication Factor table to approximate other models or refer to online photometry.

20 Linear Surface Frame Square

WG-20LDL-FR-SQ-X-24X24-...-MPL-W ¹			
Delivered Lumens Per Foot			
		Power	
		L [3 W/ft]	M [6 W/ft]
CCT	927	1672	3344
	930	1816	3632
	935	2160	4320
	940	2568	5128



BEAM ANGLE (0-180) = 85.5
BEAM ANGLE (90-270) = 73.8

WG-20LDL-FR-SQ-X-48X48-...-MPL-W			
Delivered Lumens Per Foot			
		Power	
		L [3 W/ft]	M [6 W/ft]
CCT	927	3344	6688
	930	3632	7264
	935	4320	8640
	940	5136	10256

Power Multiplier				
	L [3 W/ft]		M [6 W/ft]	
9XX	0.5		1.0	
CCT Multiplier				
	927	930	935	940
	0.77	0.84	1.00	1.19

1 Polar Plot is applicable to part number noted; use Multiplication Factor table to approximate other models or refer to online photometry.