

20 Linear Surface Frame Rectangle



inter•lux



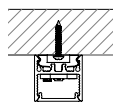
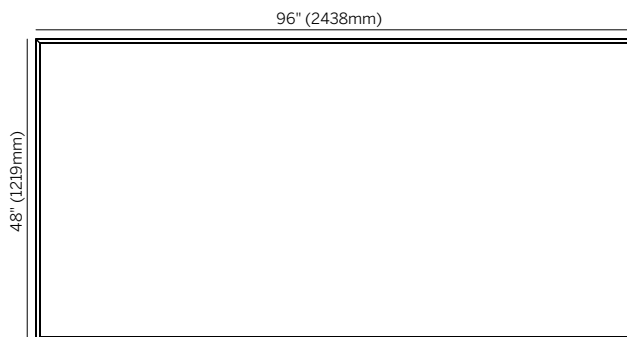
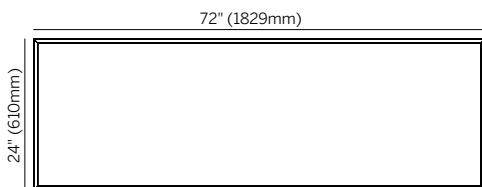
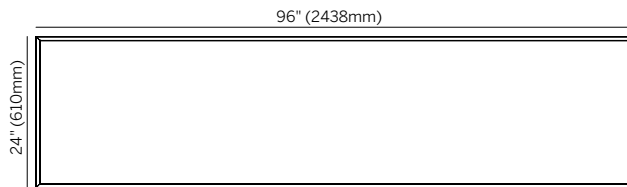
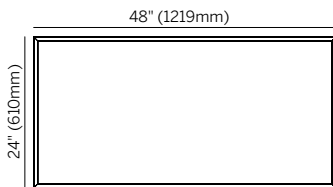
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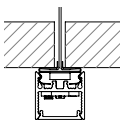


Rectangular surface mounted luminaire, fits standard ceiling grids.

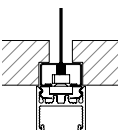
- Surface mounted fixture with very shallow depth for continuous mounting to any length (1/4" increments), as well as standard grid multiples.
- Multiple lens options for diffuse, high efficiency and luminous effect.
- Extruded aluminum housing, easily installed. Field maintainable and upgradeable LED 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 Rectangle

Ordering Information										
WG-20LDL-FR		R								
Model	Fixation	Pattern	Length	Power ¹	CRI/CCT ²	Driver ³	Lens	Finish	Cable	Options
WG-20LDL-FR	SC GT9 GT9T GT15	R	24 x 48 24 x 72 24 x 96 48 x 96 A x B	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-20LD-FR = 20 Linear Surface Frame Rectangle

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

- R = Rectangle with 4 sided and 90° corners on the same plane

Length

- 24 x 48 = 24" x 48"
- 24 x 72 = 24" x 72"
- 24 x 96 = 24" x 96"
- 48 x 96 = 48" x 96"
- A x B = specify inches to the nearest 0.25" (i.e. 72.25")

Power¹

- L = 3W/ft low power (24V)
 - 24 x 48, 36W
 - 24 x 72, 48W
 - 24 x 96, 60W
 - 48 x 96, 72W
- M = 6W/ft mid power (24V)
 - 24 x 48, 72W
 - 24 x 72, 96W
 - 24 x 96, 120W
 - 48 x 96, 144W

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)

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

Lenses/Accessories

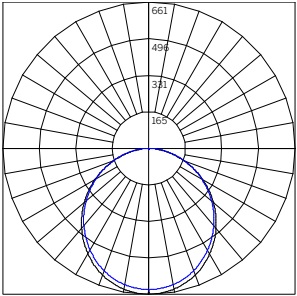


Opal Diffuser (OD)

Micro-prismatic Lens (MPL)

20 Linear Surface Frame Rectangle

WG-20LDL-FR-R-X-24X48-...-OD-W ¹			
Delivered Lumens Per Foot			
		Power	
		L [3 W/ft]	M [6 W/ft]
CCT	927	2112	4224
	930	2304	4596
	935	2724	5460
	940	3240	6480



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

WG-20LDL-FR-R-X-24X72-...-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

WG-20LDL-FR-R-X-24X96-...-OD-W			
Delivered Lumens Per Foot			
		Power	
		L [3 W/ft]	M [6 W/ft]
CCT	927	3520	7040
	930	3840	7660
	935	4540	9100
	940	5400	10800

WG-20LDL-FR-R-X-48X96-...-OD-W			
Delivered Lumens Per Foot			
		Power	
		L [3 W/ft]	M [6 W/ft]
CCT	927	4224	8448
	930	4608	9192
	935	5448	10920
	940	6480	12960

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

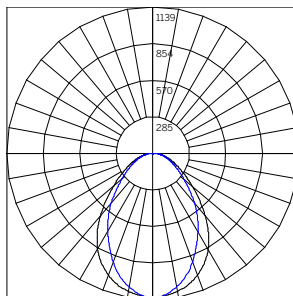
1 Polar Plot is applicable to part number noted; use Multiplication Factor table to approximate other models or refer to online photometry.

20 Linear Surface Frame Rectangle

WG-20LDL-FR-R-X-24X48-...-MPL-W¹

Delivered Lumens Per Foot

		Power	
		L [3 W/ft]	M [6 W/ft]
CCT	927	2508	5016
	930	2724	5448
	935	3240	6480
	940	3852	7692



BEAM ANGLE (0-180) = 85.5

BEAM ANGLE (90-270) = 73.8

WG-20LDL-FR-R-X-24X72-...-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

WG-20LDL-FR-R-X-24X96-...-MPL-W

Delivered Lumens Per Foot

		Power	
		L [3 W/ft]	M [6 W/ft]
CCT	927	4180	8360
	930	4540	9080
	935	5400	10800
	940	6420	12820

WG-20LDL-FR-R-X-48X96-...-MPL-W

Delivered Lumens Per Foot

		Power	
		L [3 W/ft]	M [6 W/ft]
CCT	927	5016	10032
	930	5448	10896
	935	6480	12960
	940	7704	15384

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.