

20 Linear Direct/Indirect Suspended Frame Rectangle

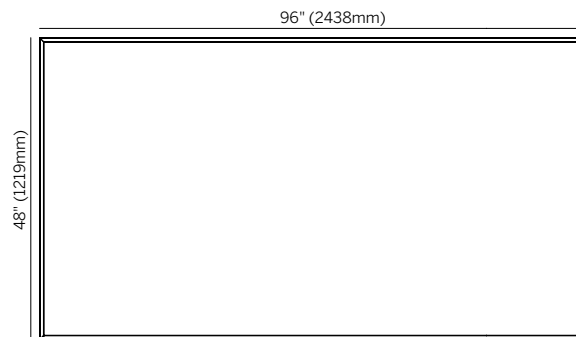
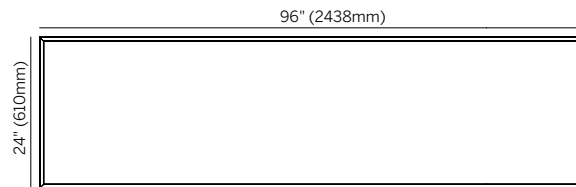
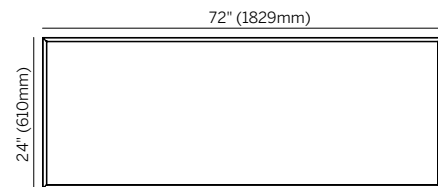
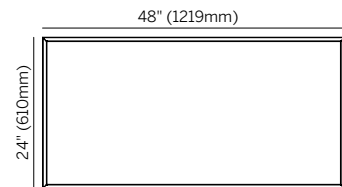


inter•lux



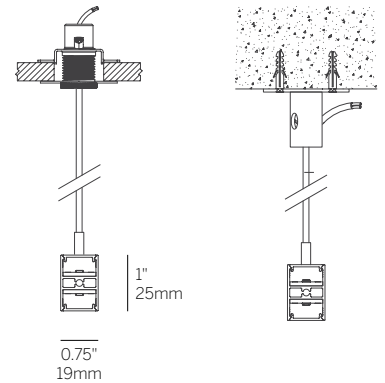
Rectangular miniature suspended Direct, Indirect or Direct / Indirect for general, accent and decorative lighting.

- Suspended fixture with minimal housing for continuous mounting to any desired length (1/4" increments).
- 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 (Direct) | 90 (Indirect) 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.



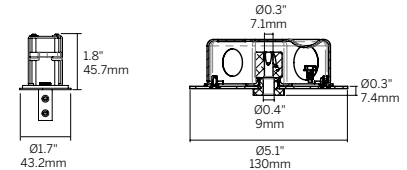
Contents

- 1 overview
- 2 specifications / configurator
- 3 photometry



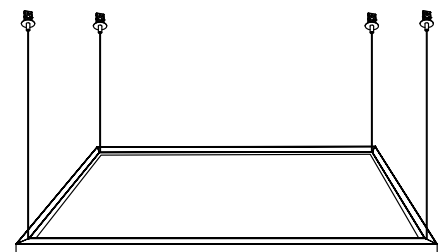
Gypsum / Tile Ceiling

Solid Ceiling



Canopy (4 minimum)

Canopy (5C)



Suspension (4 minimum)

20 Linear Direct/Indirect Suspended Frame Rectangle

Ordering Information

Model	Fixation	Pattern	Length	Direct				Indirect				Finish	Options
				Power ¹	CRI/CCT ²	Driver ³	Lens	Power ¹	CRI/CCT ²	Driver ³	Lens		
WG-20LDI-FR direct/indirect	S48 (std) S96	R	24 x 48	L M	927 930 935 940	X S D010 DPH L3DAE L3DOE EL96 DALI	OD (std) MPL	L M	927 930 935 940	X S D010 DPH L3DAE L3DOE EL96 DALI	OD (std) SD	W (std) B S F	AWNRF BT 5C DC EM
WG-20LD-FR direct			24 x 72										
WG-20LI-FR indirect			24 x 96 48 x 96 A x B										

Model

- WG-20LDI-FR = 20 Linear Direct/Indirect Suspended Frame Rectangle
- WG-20LD-FR = 20 Linear Direct Suspended Frame Rectangle
- WG-20LI-FR = 20 Linear Indirect Suspended Frame Rectangle

Fixation

- S48 = 48" suspension cable standard, field-cuttable (standard)
- S96 = 96" suspension cable, field-cuttable

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

- 927 = 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
- DALI = eldoLED DALI (DT6), 0.1% dimming (120-277V)

Lens

- OD = Satin opal diffuser (standard)
- SD = Satin clear diffuser
- 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

Options

- WNRF = Lutron Athena Wireless Node RF (specify with D010, EL96 or DALI)
- BT = Wireless CAS - Casambi (specify with D010, EL96 or DALI)
- 5C = 5" canopy (use with 4" Jbox)
- DC = Dual circuit
- EM = Emergency (remote)

- 1 Wattage shown is for LED boards only, system wattage varies depending on driver selected.
- 2 When specifying 20LDI please specify CRI / CCT and Driver for Direct and Indirect if different CRI / CCT / Driver is needed, i.e. 930-M-OD-D010-930-M-SD-D010. See photometric data sheet for delivered lumens.
- 3 Remote power supply required. See power supply page for details.

Lenses/Accessories



Opal Diffuser (OD)
Satin Diffuser (SD)
Micro-prismatic Lens (MPL)

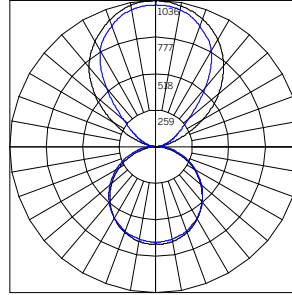
20 Linear Direct/Indirect Suspended Frame Rectangle

DIRECT / INDIRECT

WG-20LDI-FR-R-24X48-....-OD-....-SD-W¹

Delivered Lumens Per Foot

		Power	
		L [3 W/ft]	M [6 W/ft]
CCT	927	5028	10056
	930	5472	10932
	935	6480	12984
	940	7716	15420



BEAM ANGLE (0-180) = 82.8

BEAM ANGLE (90-270) = 106.8

WG-20LDI-FR-R-24X72-....-OD-....-SD-W

Delivered Lumens Per Foot

		Power	
		L [3 W/ft]	M [6 W/ft]
CCT	927	6704	13408
	930	7296	14576
	935	8640	17312
	940	10288	20560

WG-20LDI-FR-R-24X96-....-OD-....-SD-W

Delivered Lumens Per Foot

		Power	
		L [3 W/ft]	M [6 W/ft]
CCT	927	8380	16760
	930	9120	18220
	935	6480	21640
	940	12860	25700

WG-20LDI-FR-R-48X96-....-OD-....-SD-W

Delivered Lumens Per Foot

		Power	
		L [3 W/ft]	M [6 W/ft]
CCT	927	10056	20112
	930	10944	21864
	935	12960	25968
	940	15432	30840

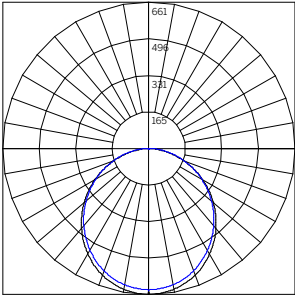
Power Multiplier				
	L [3 W/ft]		M [6 W/ft]	
9XX	0.50		1.00	
CCT Multiplier				
	927	930	935	940
	0.77	0.84	1.00	1.19

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

20 Linear Direct/Indirect Suspended Frame Rectangle

DIRECT

WG-20LD-FR-R-24X48-...-OD-...-XX-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-20LD-FR-R-24X72-...-OD-...-XX-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-20LD-FR-R-24X96-...-OD-...-XX-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-20LD-FR-R-48X96-...-OD-...-XX-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

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

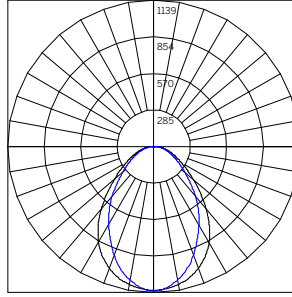
20 Linear Direct/Indirect Suspended Frame Rectangle

DIRECT

WG-20LD-FR-R-24X48-...-MPL-...-XX-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-20LD-FR-R-24X72-...-MPL-...-XX-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-20LD-FR-R-24X96-...-MPL-...-XX-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-20LD-FR-R-48X96-...-MPL-...-XX-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.

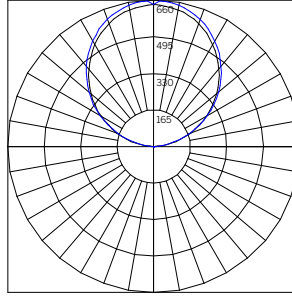
20 Linear Direct/Indirect Suspended Frame Rectangle

INDIRECT

WG-20LI-FR-R-24X48-...-OD-...-XX-W¹

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) = 110.1

BEAM ANGLE (90-270) = 110.1

WG-20LI-FR-R-24X72-...-OD-...-XX-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-20LI-FR-R-24X96-...-OD-...-XX-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-20LI-FR-R-48X96-...-OD-...-XX-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.

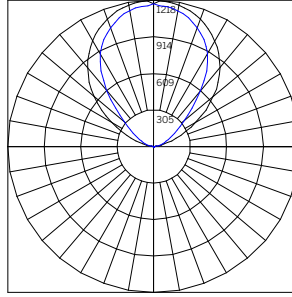
20 Linear Direct/Indirect Suspended Frame Rectangle

INDIRECT

WG-20LI-FR-R-24X72-...-XX-...-SD-W¹

Delivered Lumens Per Foot

		Power	
		L [3 W/ft]	M [6 W/ft]
CCT	927	2976	5940
	930	3240	6456
	935	3828	7680
	940	4570	9120



BEAM ANGLE (0-180) = 80.2
BEAM ANGLE (90-270) = 100.7

WG-20LI-FR-R-24X72-...-XX-...-SD-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-20LI-FR-R-24X96-...-XX-...-SD-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-20LI-FR-R-48X96-...-XX-...-SD-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.