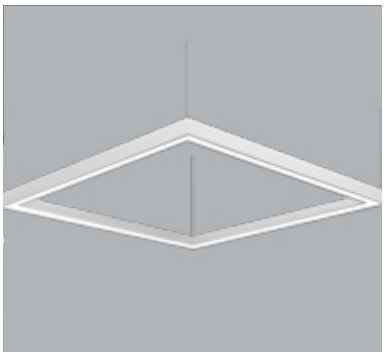
# 20 Linear Direct/Indirect Suspended Frame Square

BAA / BABA

inter•lux

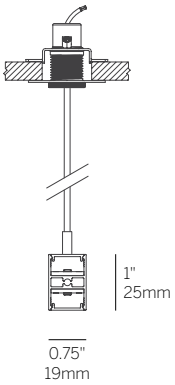
**Contents**



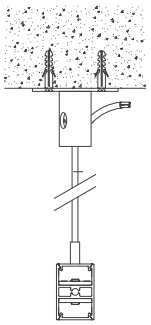


**Square miniature suspended Direct, Indirect or Direct / Indirect for general, accent and decorative lighting.**

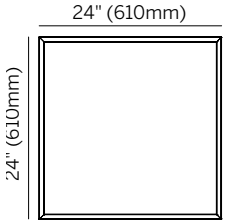
- Suspended fixture with minimal housing for continuous mounting to any desired length (1/4" increments).
- Multiple lens options for diffuse, high efficiency and luminous effect.
- Extruded aluminum housing, easily installed. Field maintainable and upgradeable LED and driver without upsetting the ceiling.
- 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 85ºC) 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.

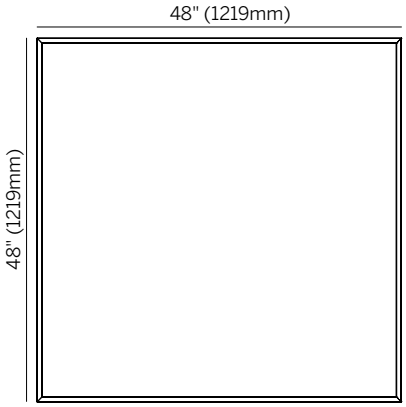


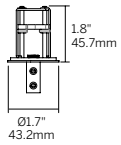

Gypsum / Tile Ceiling



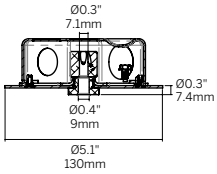
Solid Ceiling



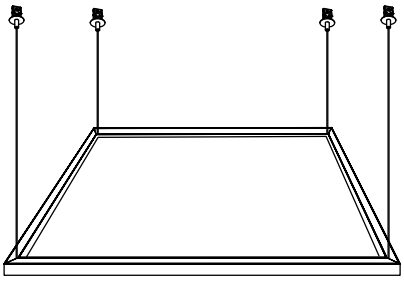




Canopy (4 required)




Canopy (5C)



Suspension (4 minimum)

# 20 Linear Direct/Indirect Suspended Frame Square

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## Ordering Information

| | | SQ | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Model** | **Fixation** | **Pattern** | **Length** | **Direct** | | | | **Indirect** | | | | **Finish** | **Options** |
| | | | | **Power**[1] | **CRI/ CCT**[2] | **Driver**[3] | **Lens** | **Power**[1] | **CRI/ CCT**[2] | **Drive**[3] | **Lens** | | |
| WG-20LDI-FR direct/indirect<br>WG-20LD-FR direct<br>WG-20LI-FR indirect | S48 (std)<br>S96 | SQ | 24 x 24<br>48 x 48<br>A x A | L<br>M | 927<br>930<br>935<br>940 | X<br>S<br>D010<br>DPH<br>L3DAE<br>L3D0E<br>EL96<br>DALI | OD (std)<br>MPL | L<br>M | 927<br>930<br>935<br>940 | X<br>S<br>D010<br>DPH<br>L3DAE<br>L3D0E<br>EL96<br>DALI | OD (std)<br>SD | W (std)<br>B<br>S<br>F | AWNRF<br>BT<br>5C<br>DC<br>EM |

### Model
- WG-20LDI-FR = 20 Linear Direct/Indirect Suspended Frame Square
- WG-20LD-FR = 20 Linear Direct Suspended Frame Square
- WG-20LI-FR = 20 Linear Indirect Suspended Frame Square

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

### 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 B = specify inches to the nearest 0.25" (i.e. 72.25")

### Power[1]
- 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]
- 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
- L3D0E = 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 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 is shown 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)

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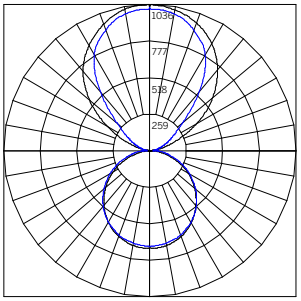
## DIRECT / INDIRECT

**WG-20LDI-FR-SQ-24X24-...-OD-...-SD-W**[1]
Delivered Lumens Per Foot

| | | Power | |
|---|---|---|---|
| | | L [3 W/ft] | M [6 W/ft] |
| CCT | 927 | 3352 | 6704 |
| | 930 | 3648 | 7288 |
| | 935 | 4320 | 8656 |
| | 940 | 5144 | 10280 |




BEAM ANGLE (0-180) = 82.8
BEAM ANGLE (90-270) = 106.8

**WG-20LDI-FR-SQ-48X48-...-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 |

| 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.

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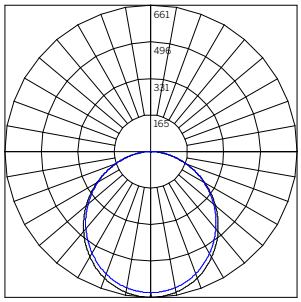
## DIRECT

**WG-20LD-FR-SQ-24X24-...-OD-...-XX-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 |



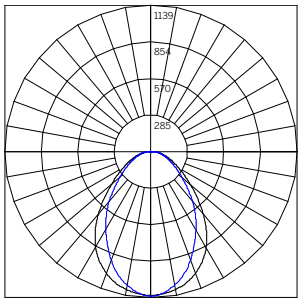

BEAM ANGLE (0-180) = 110.3
BEAM ANGLE (90-270) = 110.4

**WG-20LD-FR-SQ-48X48-...-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-SQ-24X24-...-MPL-...-XX-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-20LD-FR-SQ-48X48-...-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 |

| 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 Square

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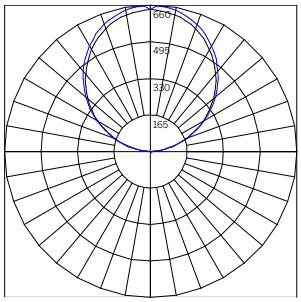
## INDIRECT

**WG-20LI-FR-SQ-24X24-...-XX-...-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 |



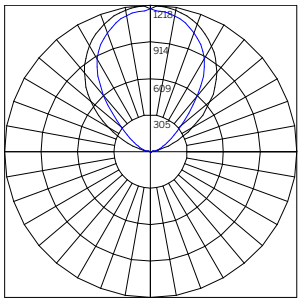

BEAM ANGLE (0-180) = 110.1
BEAM ANGLE (90-270) = 110.1

**WG-20LI-FR-SQ-48X48-...-XX-...-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-20LI-FR-SQ-24X24-...-XX-...-SD-W**[1]
Delivered Lumens Per Foot

| | | Power | |
|---|---|---|---|
| | | L [3 W/ft] | M [6 W/ft] |
| CCT | 927 | 1984 | 3960 |
| | 930 | 2160 | 4304 |
| | 935 | 2552 | 5120 |
| | 940 | 3040 | 6080 |




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

**WG-20LI-FR-SQ-48X48-...-XX-...SD-W**
Delivered Lumens Per Foot

| | | Power | |
|---|---|---|---|
| | | L [3 W/ft] | M [6 W/ft] |
| CCT | 927 | 3968 | 7920 |
| | 930 | 4320 | 8608 |
| | 935 | 5104 | 10240 |
| | 940 | 6080 | 12160 |

| 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.