

Ligne III

Wall Grazer

LGW12 | LGW24 | LGW48

Fixture Type: \_\_\_\_\_

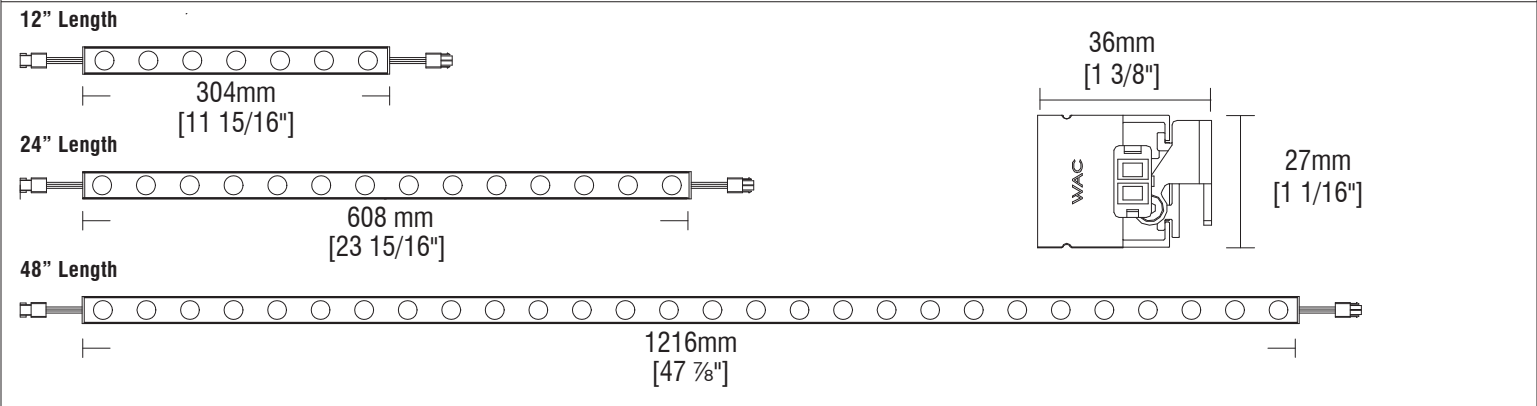
Project: \_\_\_\_\_

Catalog#: \_\_\_\_\_

Location: \_\_\_\_\_



LINE DRAWING



PRODUCT DESCRIPTION

The LIGNE III features a specialized lens or polarized optical system combined with an optimized LED arrangement, delivering uniform wall illumination with no dark spots or glare. It offers high-efficiency heat dissipation, low energy consumption, and a soft anti-glare lighting effect. With a DC 48V input, fixtures can be connected end-to-end for continuous installation. Ideal for recessed linear wall-washing applications in offices, exhibition halls, hotels, and commercial public areas.

SPECIFICATIONS

|                              |                                                              |
|------------------------------|--------------------------------------------------------------|
| Construction:                | Durable extruded aluminum construction                       |
| Mounting:                    | Surface mounted                                              |
| Light Source:                | 3-step Mac Adam Ellipse<br>Rated life of 50,000 hours at L70 |
| Input:                       | 48 VDC                                                       |
| Maximum Delivered Intensity: | Up to 7,811 cd (Asymmetric, 48in, 5000K)                     |
| Maximum Delivered Output:    | Up to 2,929 lm (Asymmetric, 48in, 5000K)                     |
| Operating Temperature:       | -4°F to 104°F (-20°C to 40°C)                                |
| Standards:                   | UL & cUL Damp location listed                                |
| Warranty:                    | 5 year WAC Lighting guaranteed warranty                      |

BEAM ANGLES



FINISHES



| Model           | Beam                   | Lumens/ft Ref Output* | Color Temp                                       | CRI |
|-----------------|------------------------|-----------------------|--------------------------------------------------|-----|
| LGW Wall Grazer | A Asym                 | 552                   | 927-2700K<br>930-3000K<br>935-3500K<br>940-4000K | 90  |
|                 | S 12°                  | 529                   |                                                  |     |
|                 | N 20°                  | 546                   |                                                  |     |
|                 | M 30°                  | 512                   |                                                  |     |
|                 | F 40°                  | 522.25                |                                                  |     |
|                 | E Elongating 15° x 45° | 511                   |                                                  |     |

\*Lumens and CBCP are reference values for 3000K Color Temperature. Refer to Multiplier Table in Performance Data to determine other outputs.



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ORDERING INFORMATION

| CONFIGURATION TABLE     |                          |                         |                |
|-------------------------|--------------------------|-------------------------|----------------|
| Model & Power           | Beam Angle               | Color Temperature & CRI | Housing Finish |
| LGW12<br>LGW24<br>LGW48 | A - Asymmetric           | 927 - 2700K - 90        | BK - BLACK     |
|                         | S - Spot 12°             | 930 - 3000K - 90        | WT - WHITE     |
|                         | N - Narrow Flood 20°     | 935 - 3500K - 90        |                |
|                         | M - Medium Flood 30°     | 940 - 4000K - 90        |                |
|                         | F - Flood 40°            |                         |                |
|                         | E - Elongating 15° x 45° |                         |                |

LGW\_\_-A\_\_-\_\_

Example: LGW12-A927-BK

| Power Supplies                           | Power | Channels   |
|------------------------------------------|-------|------------|
| 0-10V Dimming<br><br>PS-48DC-U96R-L      | 96W   | 1 Channel  |
| 0-10V Dimming<br><br>PS-48DC-U288R-L3    | 288W  | 3 Channels |
| DMX512-A Dimming<br><br>PS-48DC-U96R-D   | 96W   | 1 Channel  |
| DMX512-A Dimming<br><br>PS-48DC-U288R-D3 | 288W  | 3 Channels |

| ACCESSORIES  |                                |
|--------------|--------------------------------|
| LGW12-HCM-WT | Honeycomb Louver - White, 12in |
| LGW12-HCM-BK | Honeycomb Louver - Black, 12in |
| LGW24-HCM-WT | Honeycomb Louver - White, 24in |
| LGW24-HCM-BK | Honeycomb Louver - Black, 24in |
| LGW48-HCM-WT | Honeycomb Louver - White, 48in |
| LGW48-HCM-BK | Honeycomb Louver - Black, 48in |
| LGW12-AGV-WT | Grazer Visor - White, 24in     |
| LGW12-AGV-BK | Grazer Visor - Black, 24in     |
| LGW24-AGV-WT | Grazer Visor - White, 48in     |
| LGW24-AGV-BK | Grazer Visor - Black, 48in     |
| LGW48-AGV-WT | Grazer Visor - White, 48in     |
| LGW48-AGV-BK | Grazer Visor - Black, 48in     |

| ORDERING NOTES |                                                                                                                                      |
|----------------|--------------------------------------------------------------------------------------------------------------------------------------|
| 1.             | Holder included with the Honeycomb Louver.                                                                                           |
| 2.             | The Honeycomb Louver holder is available in Black and White finishes. The Honeycomb Louver itself is only available in Black finish. |

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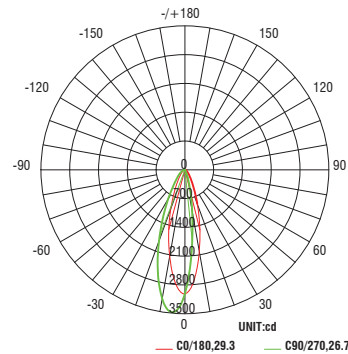
PERFORMANCE DATA

Polar Candela Distribution Charts

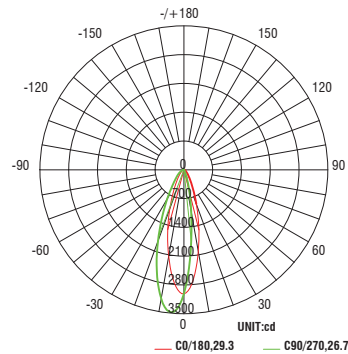
Samples shown from a fixture set to 3000K.

LGW12

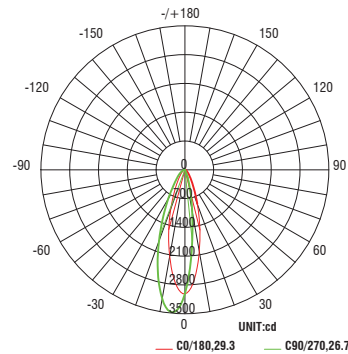
Asymmetric Beam (Asym)



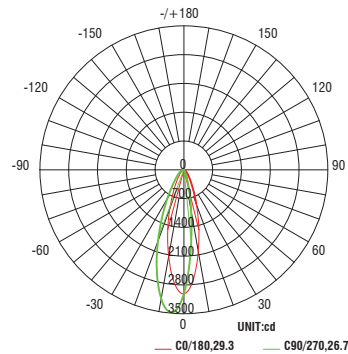
S - Spot Beam 12°



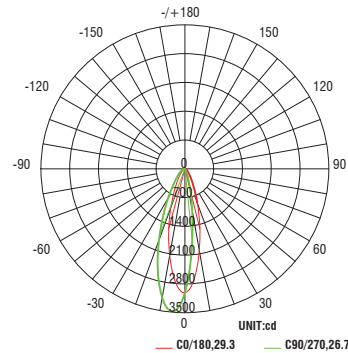
N - Narrow Flood Beam 20°



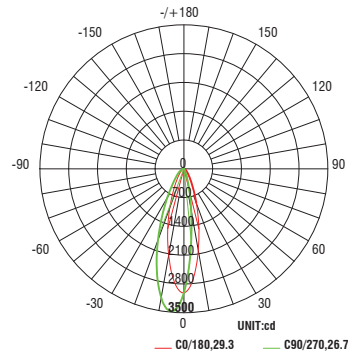
M - Medium Flood Beam 30°



F - Flood Beam 40°



E - Elongating Beam 15° x 45°



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PERFORMANCE DATA

Unified Glare Rating (UGR) Table

Samples shown from a fixture set to 3000K.

| 24in Fixture | Angle | UGR Range |
|--------------|-------|-----------|
| Asymmetric   | -     | ≤26       |

| 48in Fixture | Angle | UGR Range |
|--------------|-------|-----------|
| Asymmetric   | -     | ≤25       |

Lumens and CBCP Multiplier Table

Use the below table to determine lumens and CBCP values for the combinations of power, color temperature, and CRI values.

| Color Temperature |       |       |       |       |
|-------------------|-------|-------|-------|-------|
| 2700K             | 3000K | 3500K | 4000K | 5000K |
| 0.96              | 1.00  | 1.02  | 1.07  | 1.12  |