

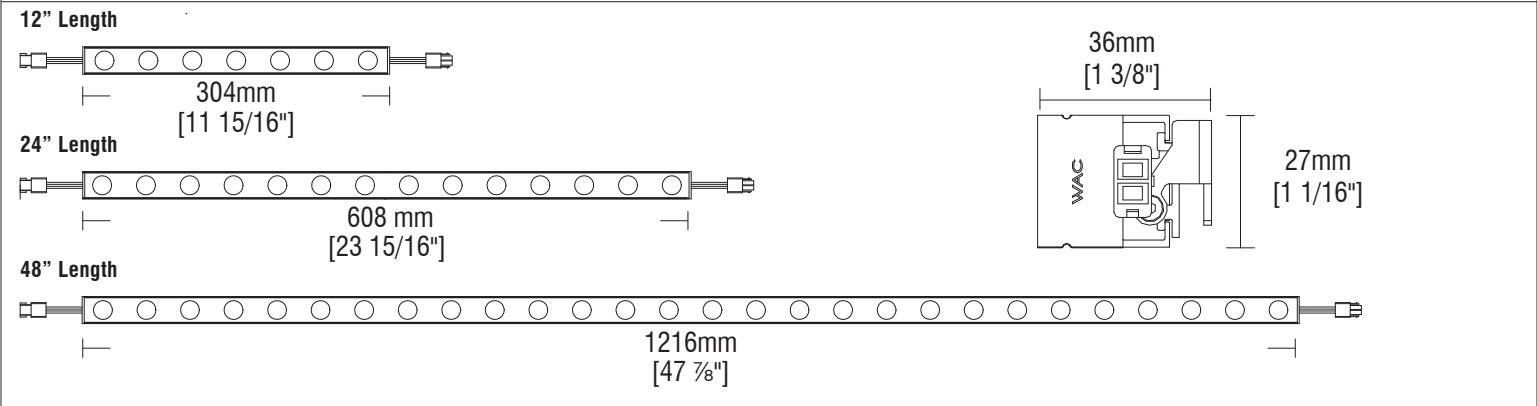
Ligne III
Wall Grazer

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.

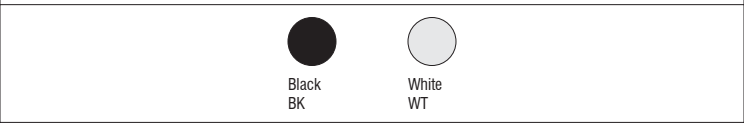
SPECIFICATIONS

Construction:	Durable extruded aluminum construction
Mounting:	Surface mounted
Light Source:	3-step Mac Adam Ellipse 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 930-3000K 935-3500K 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.



Ligne III

Wall Grazer

LGW12 | LGW24 | LGW48

Fixture Type:

Project:

Catalog#:

Location:

ORDERING INFORMATION

CONFIGURATION TABLE			
Model & Power	Beam Angle	Color Temperature & CRI	Housing Finish
LGW12 LGW24 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 PS-48DC-U96R-L	96W	1 Channel
0-10V Dimming PS-48DC-U288R-L3	288W	3 Channels
DMX512-A Dimming PS-48DC-U96R-D	96W	1 Channel
DMX512-A Dimming 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.

Ligne III

Wall Grazer

LGW12 | LGW24 | LGW48

Fixture Type:

Project:

Catalog#:

Location:

FEATURES

Optics: • Fixture features asymmetric lens for optimal glare control	Construction: • Extruded aluminum body for effective heat dissipation
LED: • High output LED with a 3-step Mac Adam ellipse • Rated operational life of 50,000 hours at L70 (LED maintains 70% of its initial delivered lumens when brand new for 50,000 hours of use.)	Trim and Reflector: • Six beam angles are available: Wall Wash, Spot, Narrow Flood, Medium Flood, Flood, and an Elongating 15° x 45° • Optimized LED alignment produces smooth, uniform vertical illumination free from dark zones
Electrical: • Input power is 48 VDC • Available at 12W for 24" lengths and 24W for 48" lengths	Installation: • Fixture supports surface mounting
Dimming: • 0-10V dimming is capable of a range of 100 - 0% with a dimming depth of 0.1% • (96W) DMX512-A dimming is capable of a range of 100 - 0.1% with a dimming depth of 0.1% • (288W) DMX512-A dimming is capable of a range of 100 - 0.18% with a dimming depth of 0.18%	Warranty: • WAC Architectural limited warranty up to 5 years • Full warranty found at: waclighting.com/warranty
Notes: • The White and Black finishes for the body are electrostatically powder coated	

Ligne III

Wall Grazer

LGW12 | LGW24 | LGW48

Fixture Type:

Project:

Catalog#:

Location:

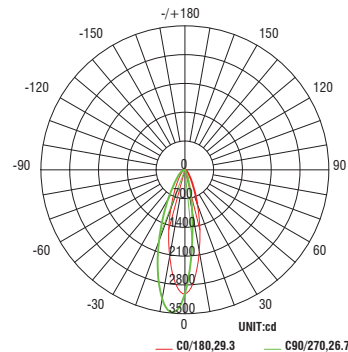
PERFORMANCE DATA

Polar Candela Distribution Charts

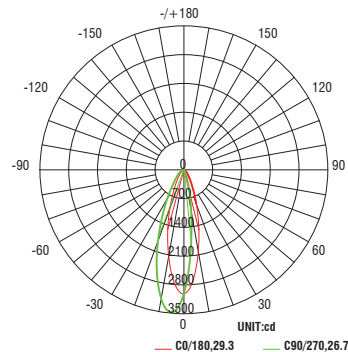
Samples shown from a fixture set to 3000K.

LGW12

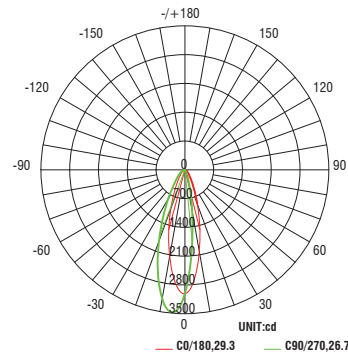
Asymmetric Beam (Asym)



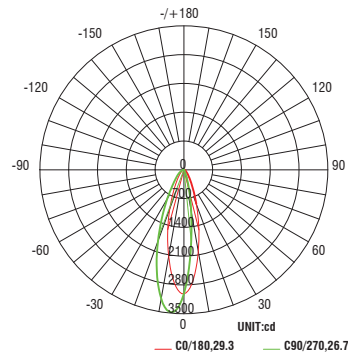
S - Spot Beam 12°



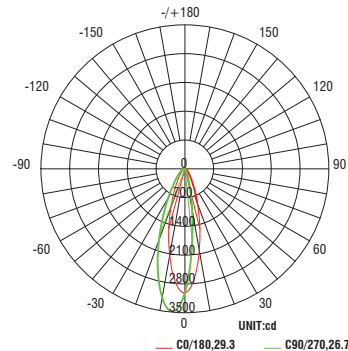
N - Narrow Flood Beam 20°



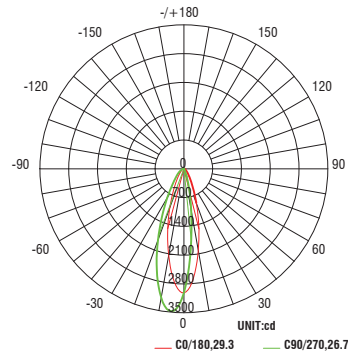
M - Medium Flood Beam 30°



F - Flood Beam 40°



E - Elongating Beam 15° x 45°



Ligne III

Wall Grazer

LGW12 | LGW24 | LGW48

Fixture Type:

Project:

Catalog#:

Location:

PERFORMANCE DATA

Unified Glare Rating (UGR) Table

Samples shown from a fixture set to 3000K.

24in Fixture	Angle	UGR Range	48in Fixture	Angle	UGR Range
Asymmetric	-	≤26	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

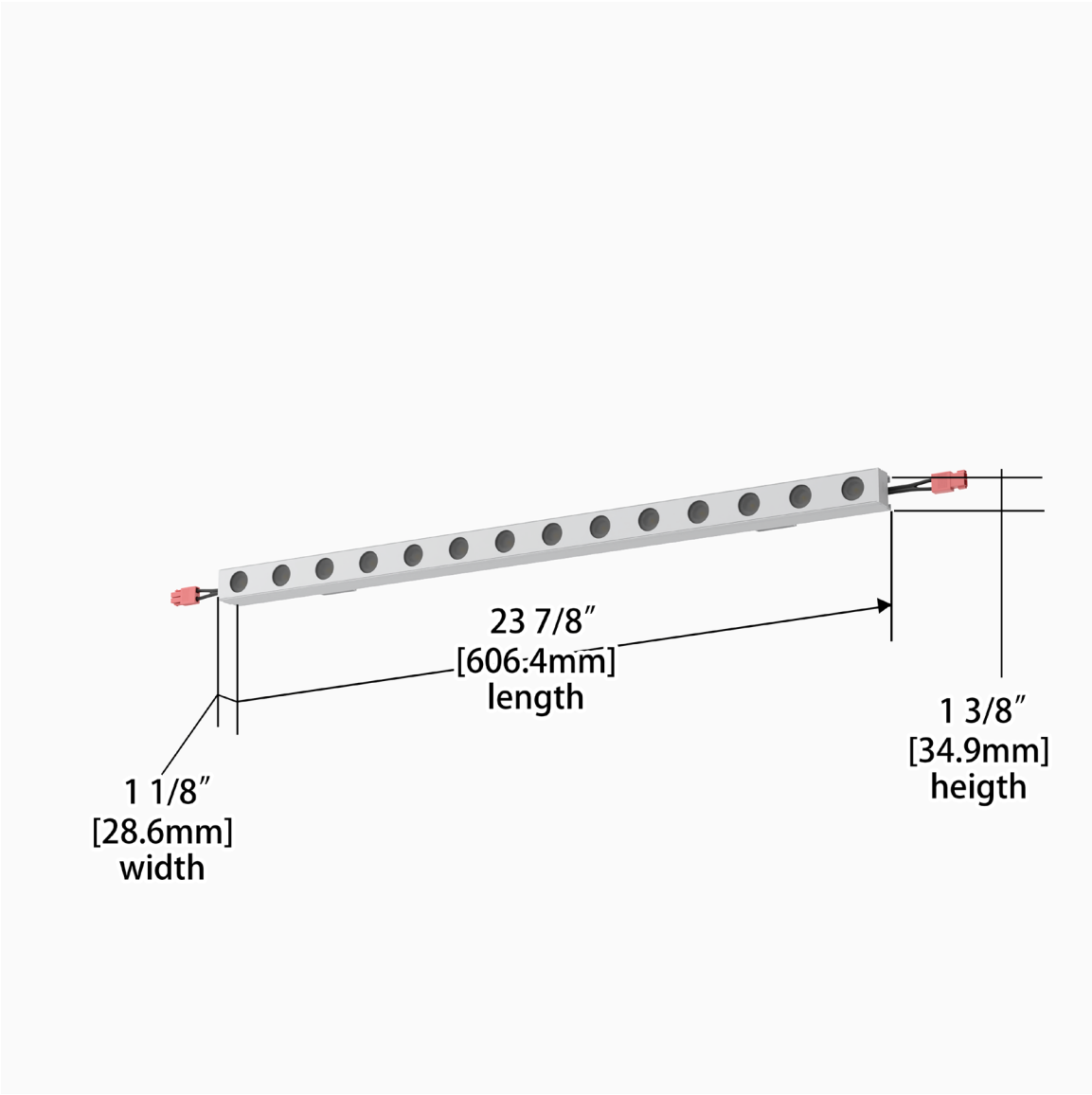
Ligne III

Wall Grazer

LGW12 | LGW24 | LGW48

Fixture Type: _____
Project: _____
Catalog#: _____
Location: _____

DIMENSIONAL DIAGRAMS



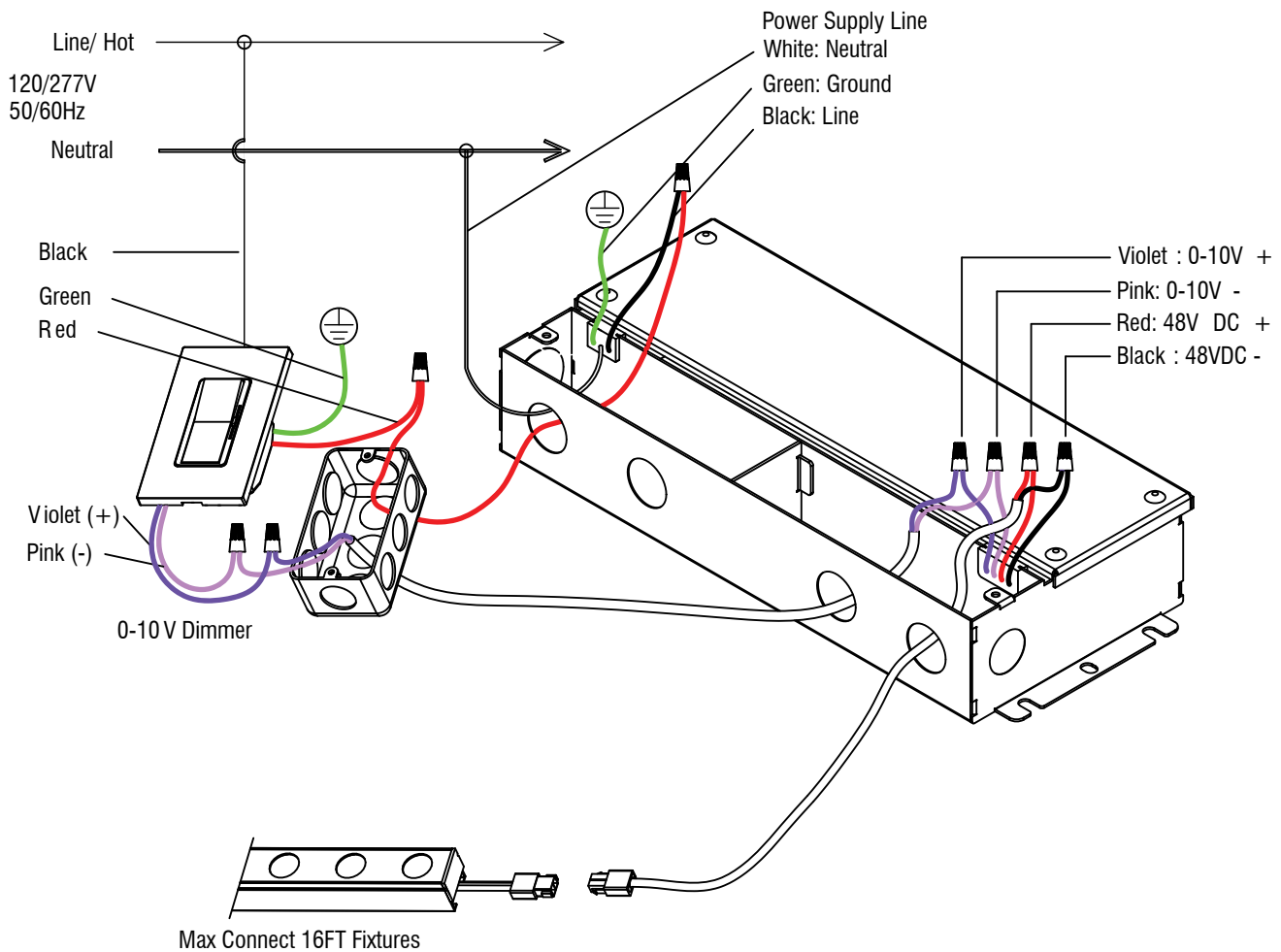
Ligne III

Wall Wash

LWW24 | LWW48

Fixture Type: _____
 Project: _____
 Catalog#: _____
 Location: _____

WIRING DIAGRAM



LIGNE III 0-10V Dimming Wiring Diagram

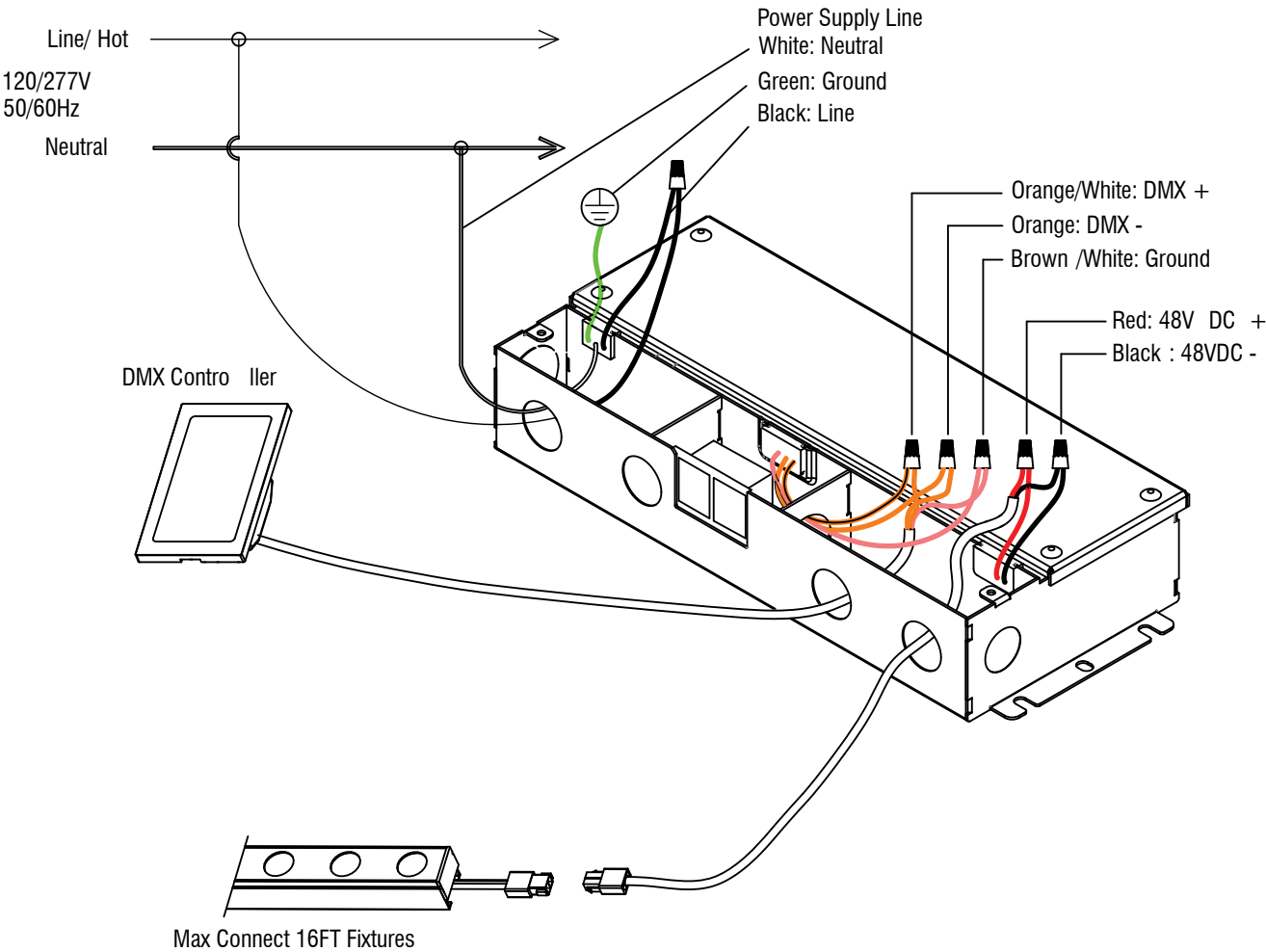
Ligne III

Wall Wash

LWW24 | LWW48

Fixture Type: _____
Project: _____
Catalog#: _____
Location: _____

WIRING DIAGRAM



LIGNE III DMX Dimming Wiring Diagram