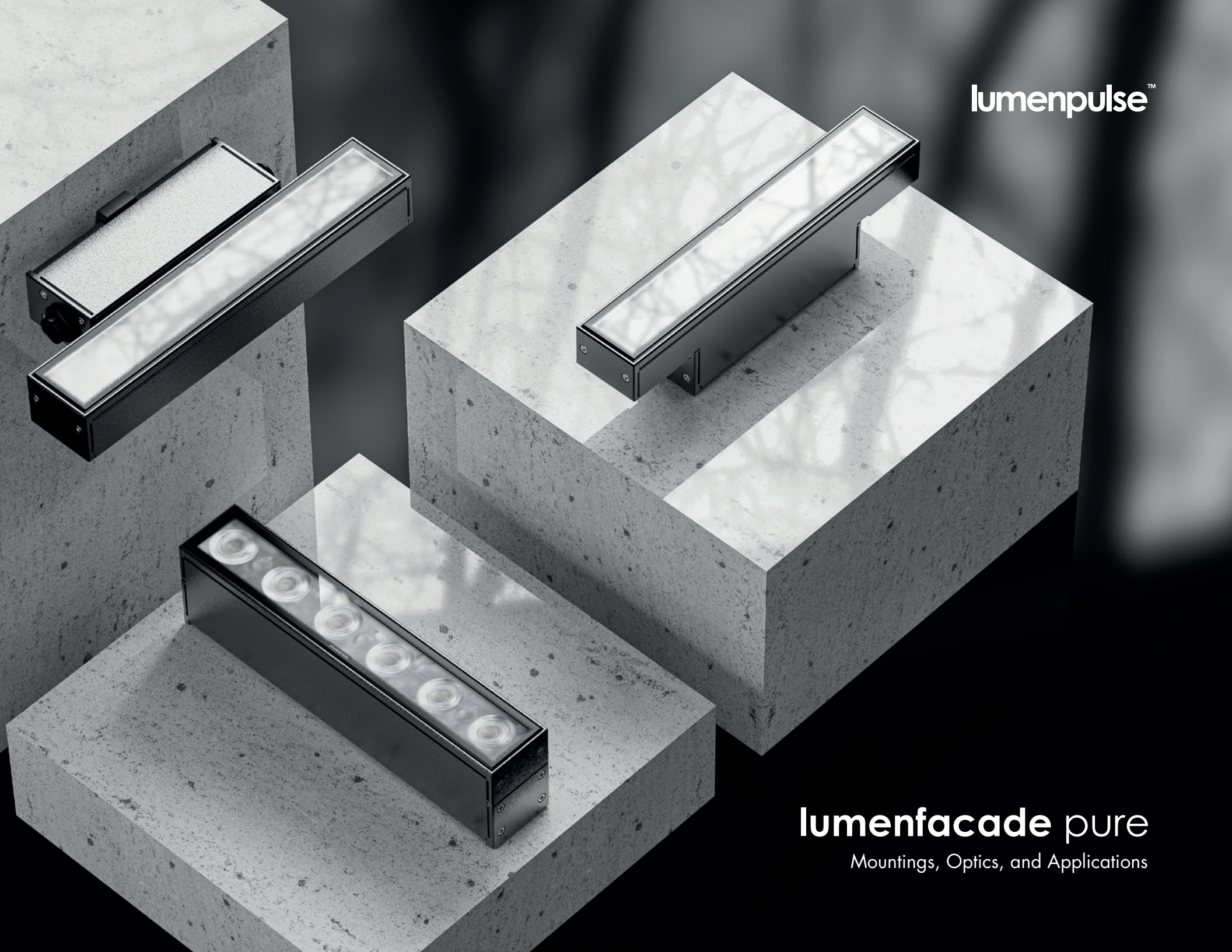


lumenpulse™



lumenfacade pure

Mountings, Optics, and Applications



True

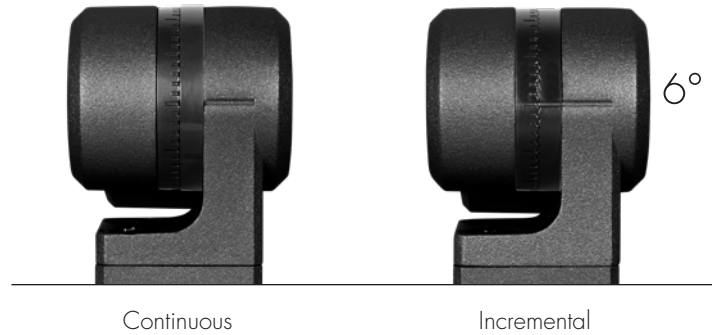
Form + Function

Solid, definitive, and beautiful. The Lumenfacade Pure is a rationally designed luminaire wherein technology, taste, and ingenuity converge.

Available in Continuous Run, Continuous Horizontal, and Standalone.

Mountings

- Mountings are optimized for beam spreads and do not require sliding the fixture on or off. Instead, click and lock the Pure into place.
- Mounting arms act as a concealed cable management system, allowing vertical installations.
- Options include mountings that are continuously adjustable or calibrated in six-degree increments.



Pure Quality



NVR

Buildings and
Fixed Structures



VRN

Pole-Mounts



VRBO

Bridges and
Overpasses

Good Vibrations

No matter the "vibes," the Lumenfacade Pure always keeps the light "real."

VRN vibration rating for normal applications, VRBO vibration rating for bridges and overpasses. Tested to ANSI 136.31 2018.

Optimal Optics

New Ceiling Asymmetric and Narrow Asymmetric beam spreads broaden your linear applications. Clear, Frosted, and Half-Frosted lenses are standard options. Optimally designed, seamless accessories that emphasise optical performance.

Clear

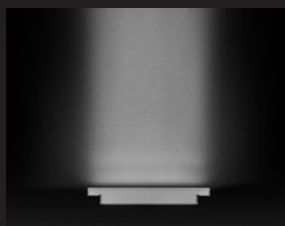


Half-Frosted

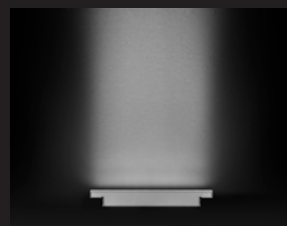


Frosted





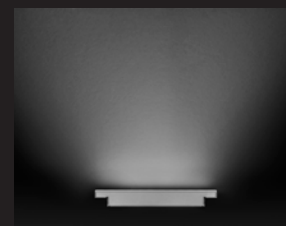
8° x 8°



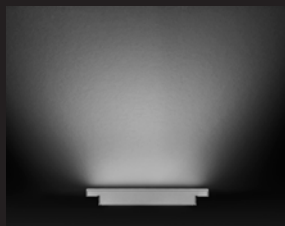
10° x 10°



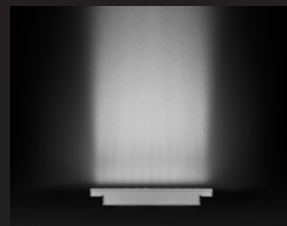
10° x 30°



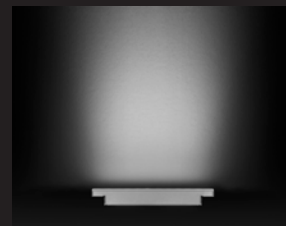
10° x 60°



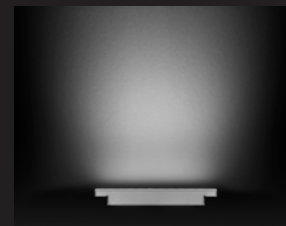
10° x 90°



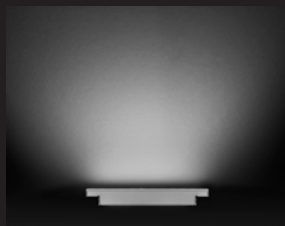
30° x 10°



30° x 30°



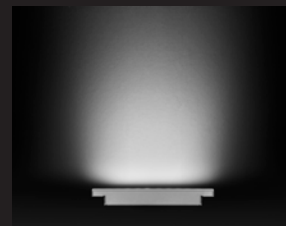
30° x 60°



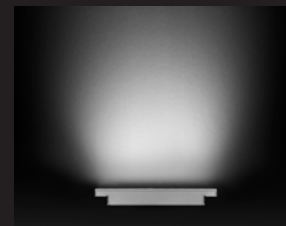
30° x 90°



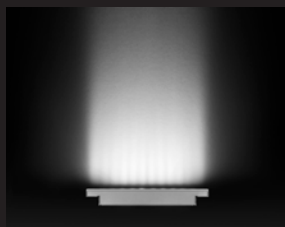
60° x 10°



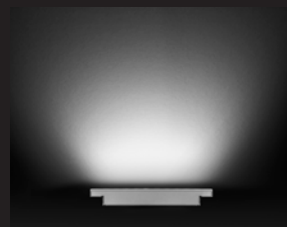
60° x 30°



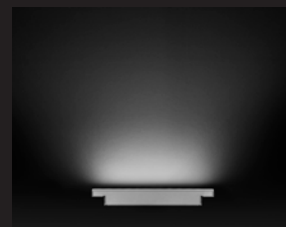
60° x 60°



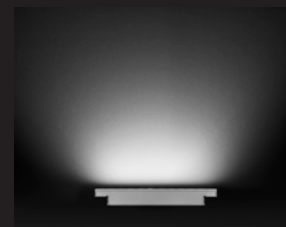
90° x 10°



90° x 90°



Ceiling Asymmetric



Wide 120°

Real images of fixture, 4" from black wall.

Half-Frosted



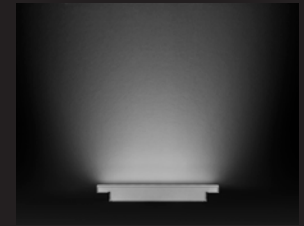
8° x 8°



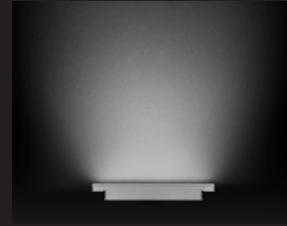
10° x 10°



10° x 30°



10° x 60°



10° x 90°



Narrow Asymmetric



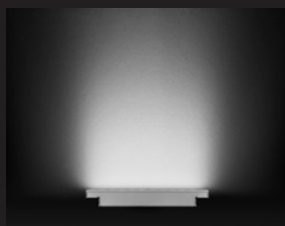
Asymmetric Wallwash

Pristine Precision

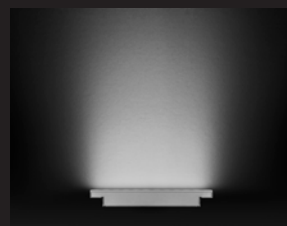
Lumenpulse's optimized optics put light exactly where you want and need it, regardless of the application.

Real images of fixture, 4" from black wall.

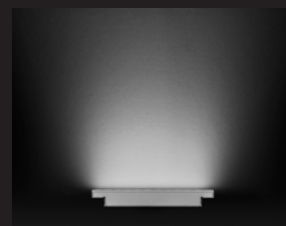
Frosted



8° x 8°



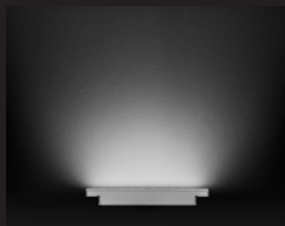
10° x 10°



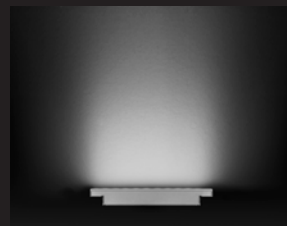
10° x 30°



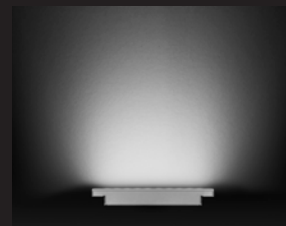
10° x 60°



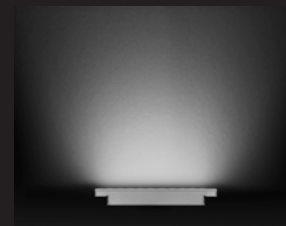
10° x 90°



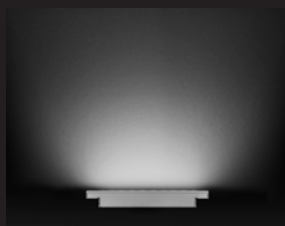
30° x 10°



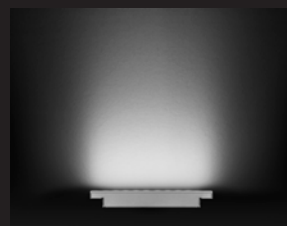
30° x 30°



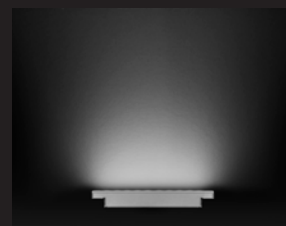
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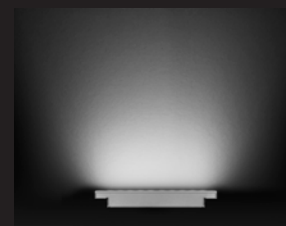
30° x 90°



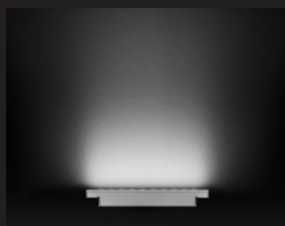
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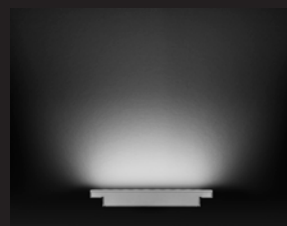
60° x 30°



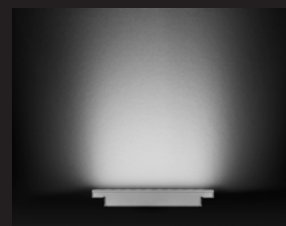
60° x 60°



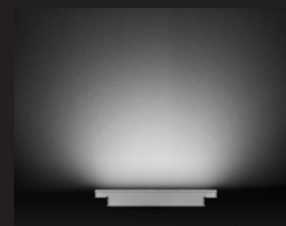
90° x 10°



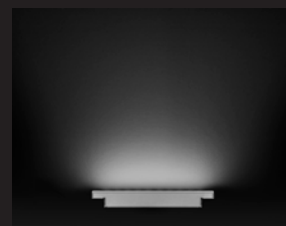
90° x 90°



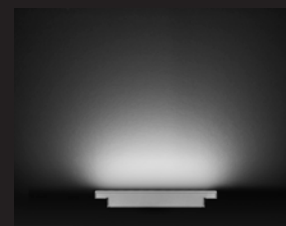
Narrow Asymmetric



Asymmetric Wallwash

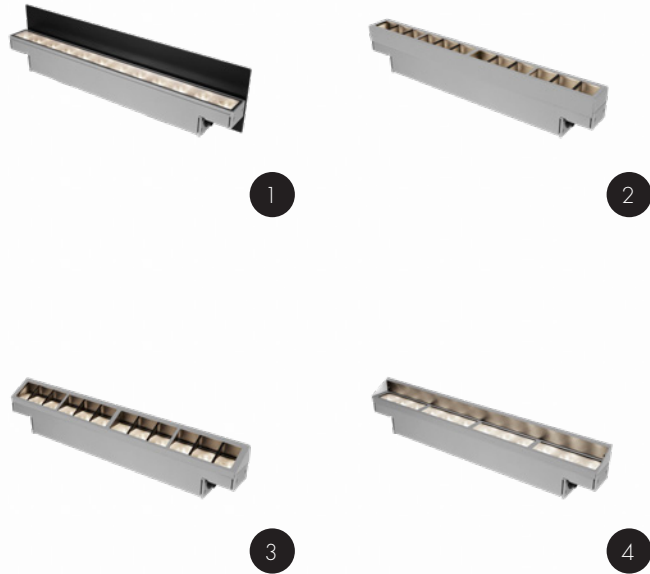


Ceiling Asymmetric



Wide 120°

Real images of fixture, 4" from black wall.



Integrated Accessories

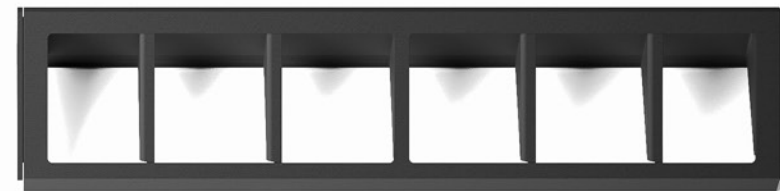
Optimally designed, seamless accessories ensure precision optical performance.



1. Shield



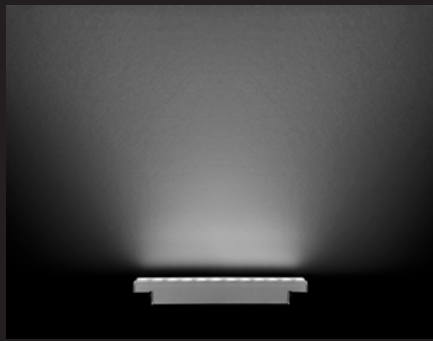
2. Radial Louver



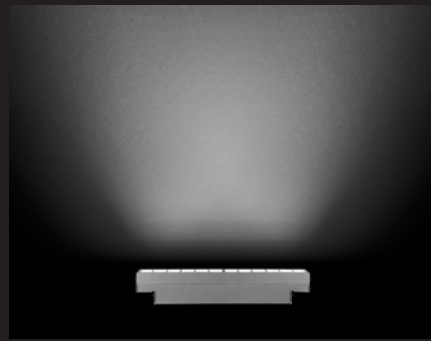
3. Radial Louver Asymmetric



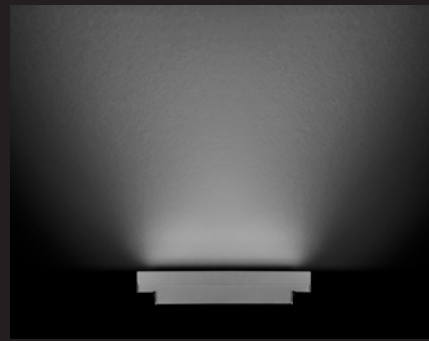
4. Visor



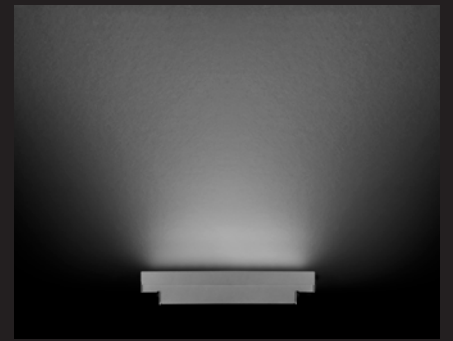
10°×60°



10°×60° + Radial Louver



10°×60° + Radial Louver Asymmetric



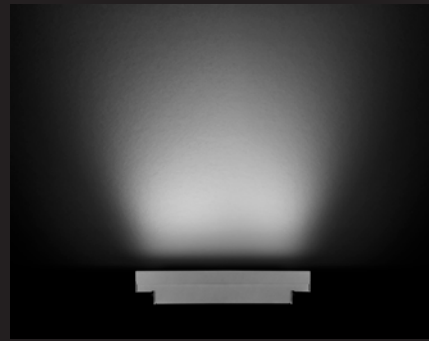
10°×60° + Visor



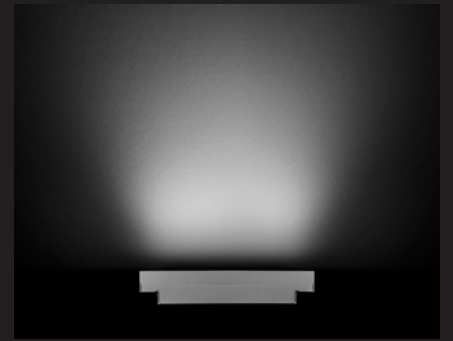
60°×60°



60°×60° + Radial Louver



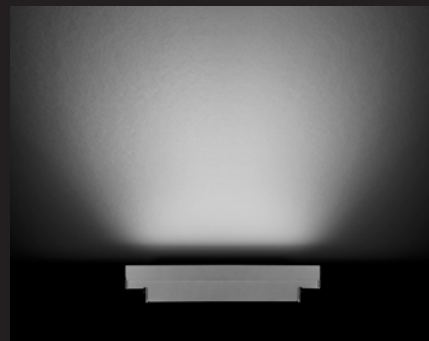
60°×60° + Radial Louver Asymmetric



60°×60° + Visor



Asymmetric Wallwash



Asymmetric Wallwash + Radial Louver Asymmetric



Asymmetric Wallwash + Visor



The Right Amount of Light

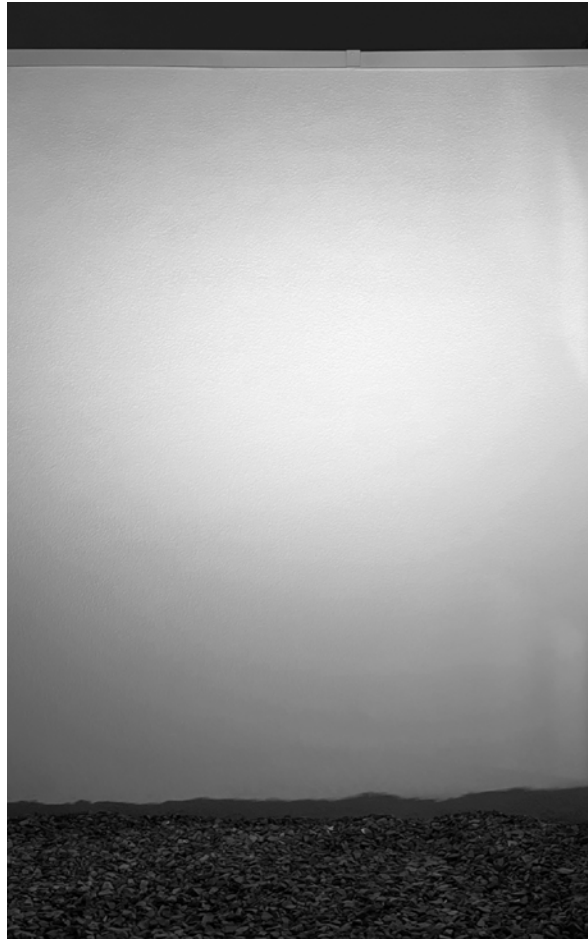
Lumenpulse's industry-leading binning provides a 2-Step MacAdam ellipse and a CRI 80+ color consistency to create a singular and distinct quality of light. The Lumenfacade Pure uses Lumenpulse's award-winning binning strategy to uphold a uniform lighting aesthetic across entire projects and applications.

Please consult factory for additional color temperatures and 90CRI.





Grazing



Flooding



Wallwashing

Optical Flexibility

The Lumenfacade family's flexibility makes them a sure fit for custom, case-by-case designs. Each luminaire gives designers the tools to tackle all aspects of any project. Whether it be cornices or columns, window arches or textured concrete, the Lumenfacade is capable of ushering a design vision into reality.

Grazing

Graze lighting, or wall grazing, is directional light at an acute angle, which emphasises textured surfaces and adds a third dimension to a façade. When grazing, luminaires must be mounted extremely close to the building surface, with precise optical control creating a continuous narrow blade of light. Lumenpulse's versatile and extremely option-rich Lumenfacade Pure has been designed for a range of grazing applications.

Covering all the Angles

8° × 8°

10° × 10°

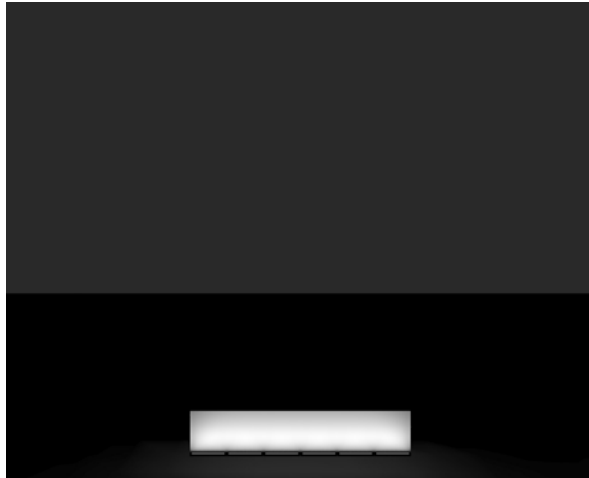
10° × 30°

10° × 60°

10° × 90°

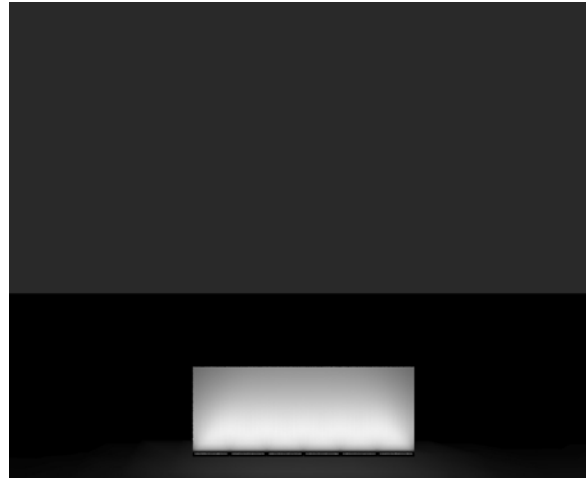


Grazing Distributions



5-Foot-High Wall

LFP 48" 3.75W 40K 10°×90° HFR (end-to-end)
Setback: 0'-5"



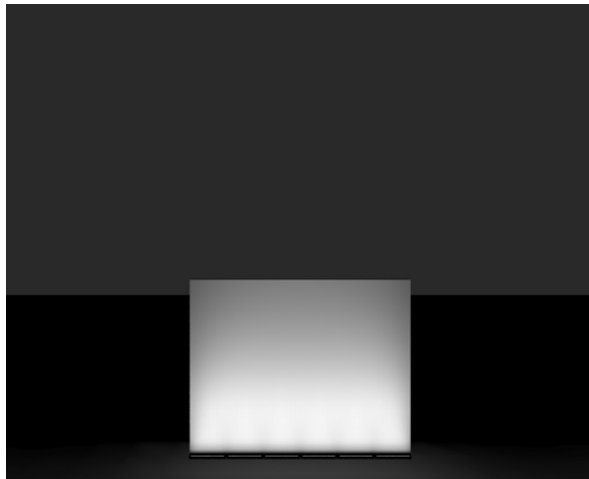
10-Foot-High Wall

LFP 48" 3.75W 40K 10°×60° HFR (end-to-end)
Setback: 0'-6"



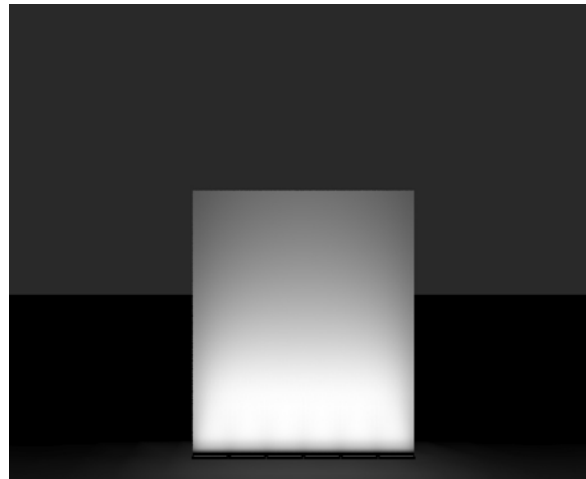
15-Foot-High Wall

LFP 48" 10W 40K 10°×60° HFR (end-to-end)
Setback: 0'-9"



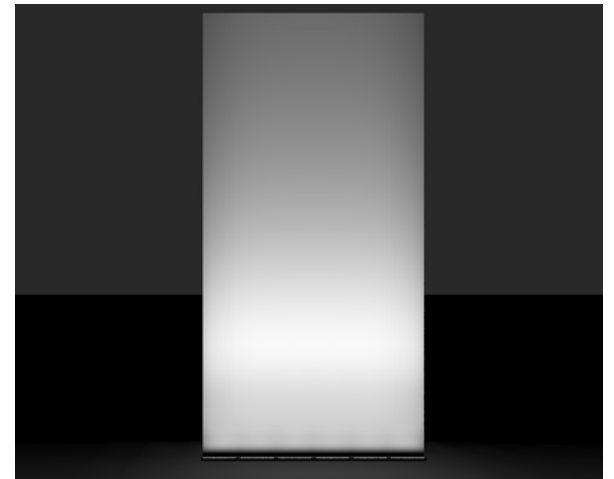
20-Foot-High Wall

LFP 48" 10W 40K 10°×30° HFR (end-to-end)
Setback: 0'-9"



30-Foot-High Wall

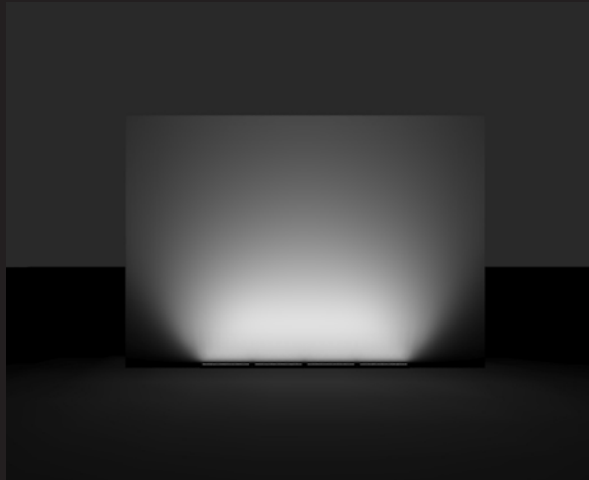
LFP 48" 17W 40K 10°×30° HFR (end-to-end)
Setback: 1'-0"



50-Foot-High Wall

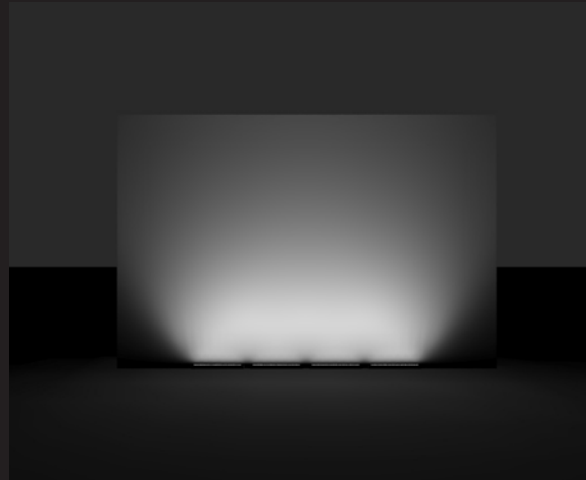
LFP 48" 17W 40K 10°×10° CL (end-to-end)
Setback: 1'-6"

Graze Spacing



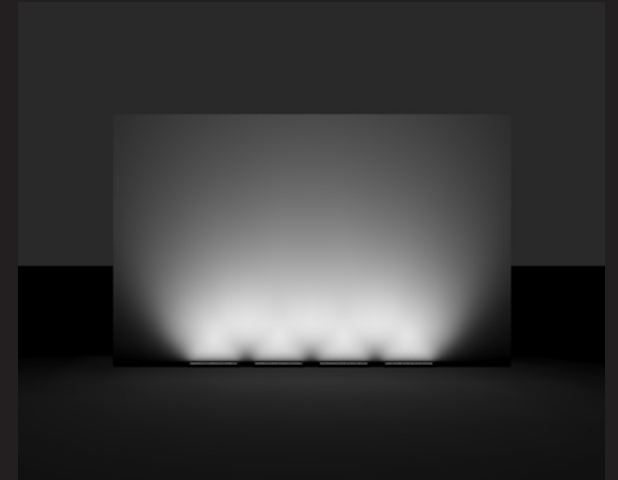
Minimum Spacing

Spacing between fixtures is 0'-0 3/8".



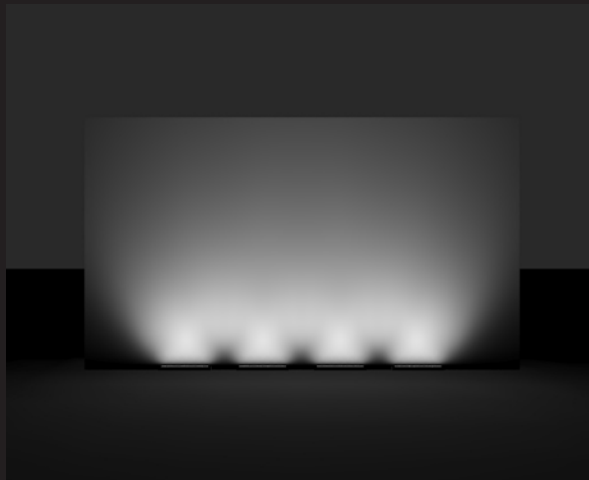
6-Inch Spacing

Spacing between fixtures is 0'-6".



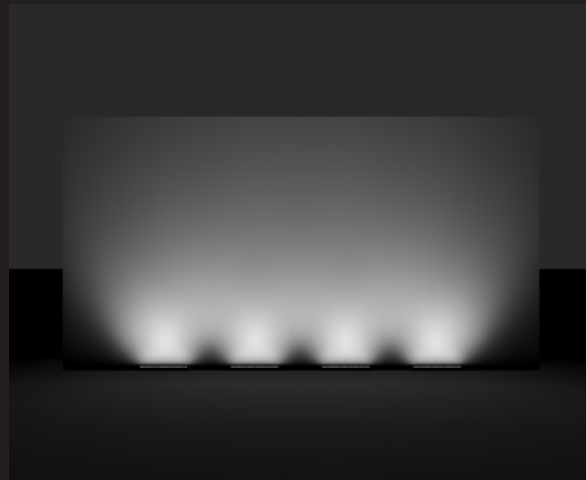
1-Foot Spacing

Spacing between fixtures is 1'-0".



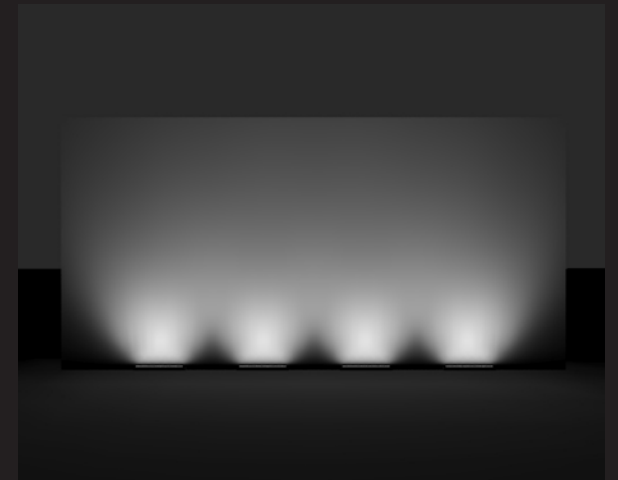
2-Foot Spacing

Spacing between fixtures is 2'-0".



3-Foot Spacing

Spacing between fixtures is 3'-0".



4-Foot Spacing

Spacing between fixtures is 4'-0".



Flooding

Flood lighting has a wide range of applications, requiring a variety of optics and luminous output. LEDs deliver uniform, consistent light that is ideal for flood lighting because of their precise controls and long-term durability.

Pick Your Brush Size

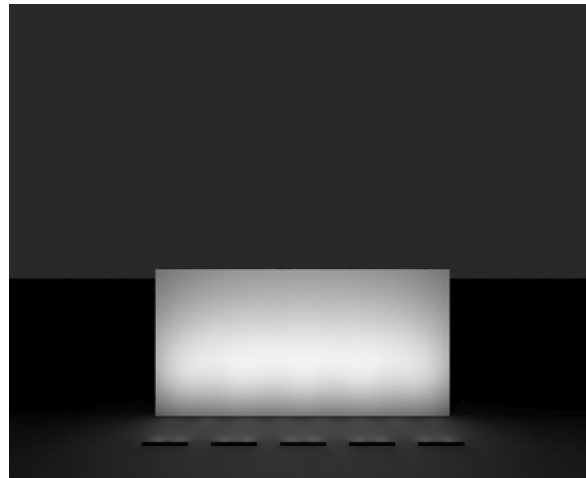
- 30° x 30°
- 30° x 60°
- 60° x 60°
- 90° x 90°
- Wallwash

Flooding Distributions



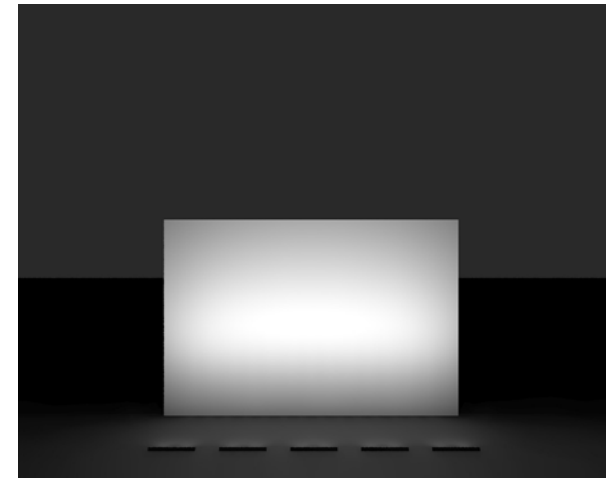
10-Foot-High Wall

LFP 48" 3.75W 40K 90°×90° FR
Spacing: 2'-0" | Setback: 6'-0"



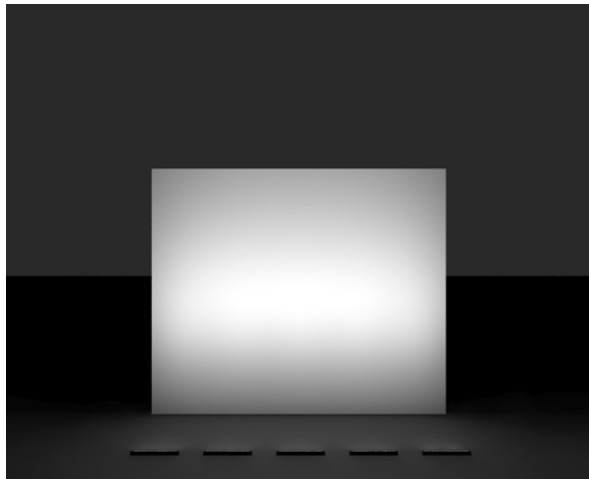
15-Foot-High Wall

LFP 48" 3.75W 40K 60°×60° FR
Spacing: 2'-0" | Setback: 6'-6"



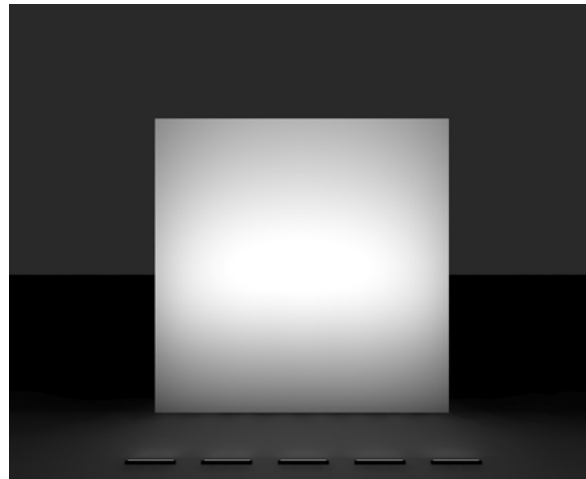
20-Foot-High Wall

LFP 48" 10W 40K 30°×60° FR
Spacing: 2'-0" | Setback: 7'-6"



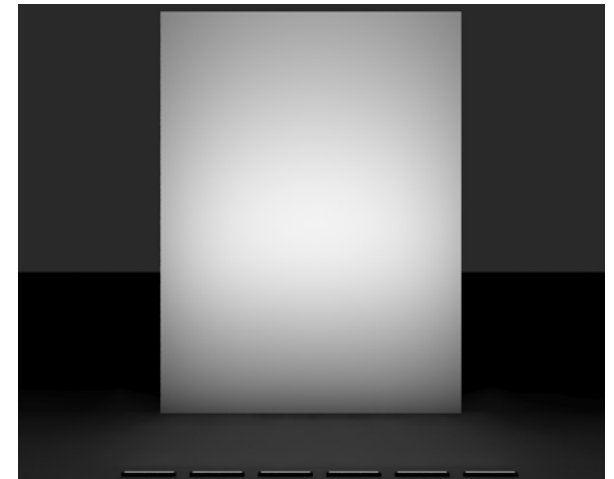
25-Foot-High Wall

LFP 48" 10W 40K 30°×30° FR
Spacing: 2'-0" | Setback: 8'-6"



30-Foot-High Wall

LFP 48" 17W 40K 30°×30° FR
Spacing: 2'-0" | Setback: 10'-0"

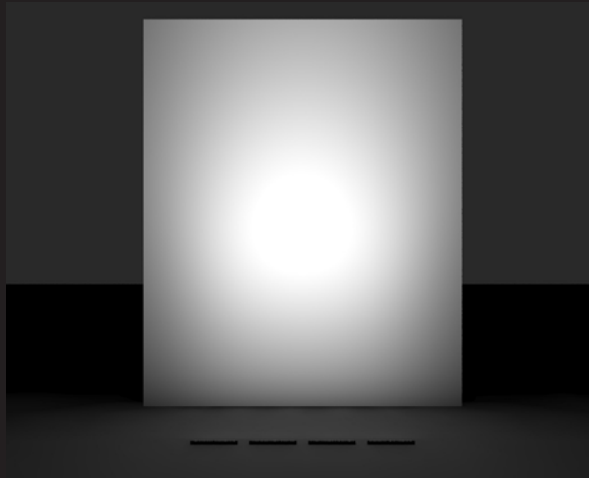


40-Foot-High Wall

LFP 48" 17W 40K 30°×30° FR
Spacing: 1'-0" | Setback: 11'-6"

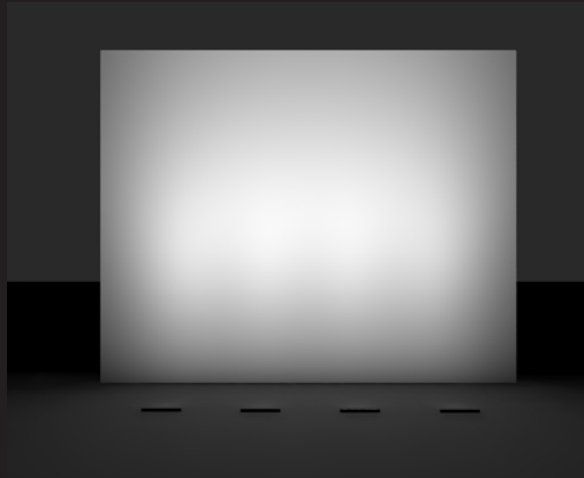
Flood Spacing

Wall height: 40' | Setback: 11'-6" | Fixtures: LFP-48"-17W-40K-30x30-FR



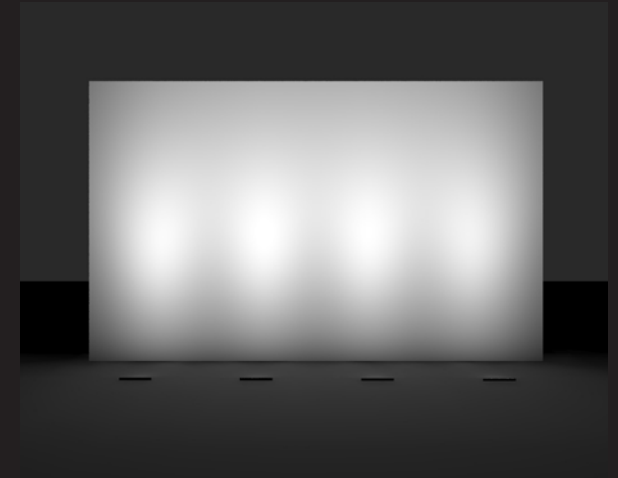
1-Foot Spacing

Spacing between fixtures is 1'-0".



6-Foot Spacing

Spacing between fixtures is 6'-0".



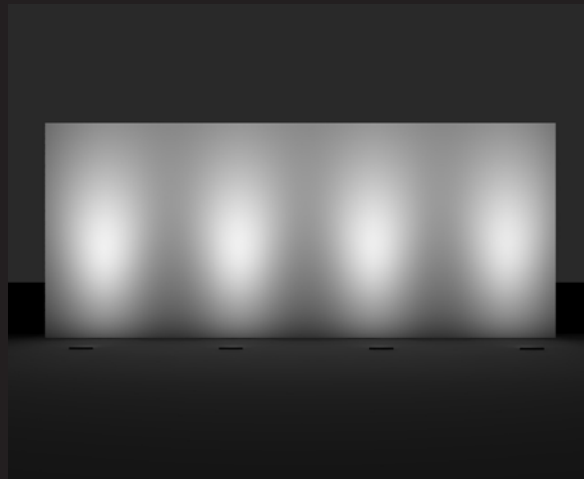
11-Foot Spacing

Spacing between fixtures is 11'-0".



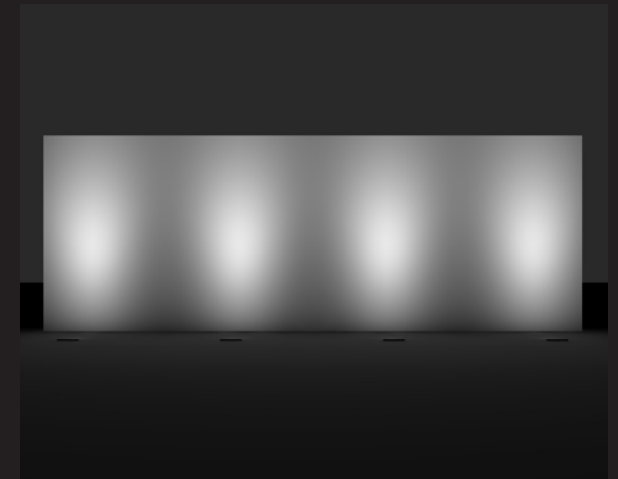
16-Foot Spacing

Spacing between fixtures is 16'-0".



21-Foot Spacing

Spacing between fixtures is 21'-0".



26-Foot Spacing

Spacing between fixtures is 26'-0".



Wallwashing

Wallwashing uses vertical, indirect lighting, which has been placed at an optimal distance and angle from a wall, to create a smooth “wash” effect. Wallwashing is often used to hide rough imperfections, eliminate shadows, and uniformly light up a wall. The Lumenfacade Pure has the optics needed to create a clean, impressive wallwash on any number of surfaces and surface heights.

Washing Isn't a Chore

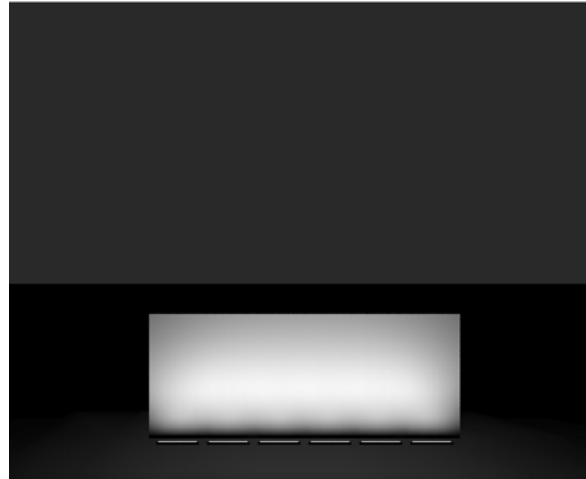
Wallwash
Narrow Asymmetric
Ceiling Asymmetric

Wallwashing Examples



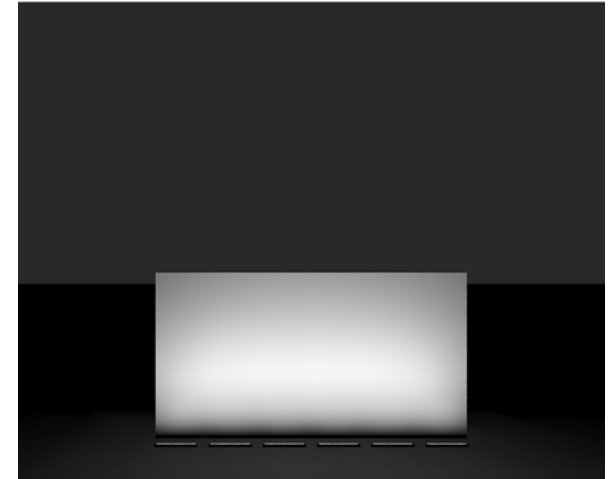
8-Foot-High Wall

LFP 48" 3.75W 40K WW HFR
Spacing: 0'-6" | Setback: 1'-0"



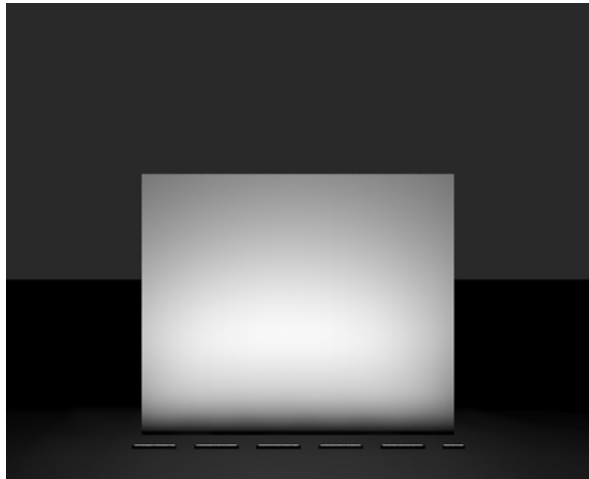
12-Foot-High Wall

LFP 48" 10W 40K WW HFR
Spacing: 0'-9" | Setback: 1'-6"



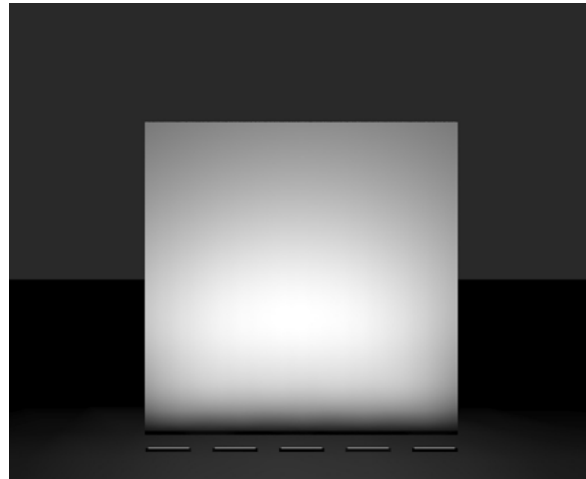
16-Foot-High Wall

LFP 48" 10W 40K WW HFR
Spacing: 1'-0" | Setback: 2'-0"



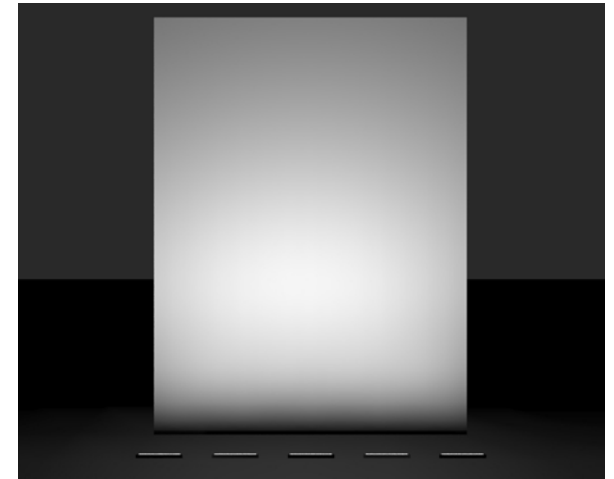
25-Foot-High Wall

LFP 48" 17W 40K WW HFR
Spacing: 1'-7" end-to-end | Setback: 3'-2"



30-Foot-High Wall

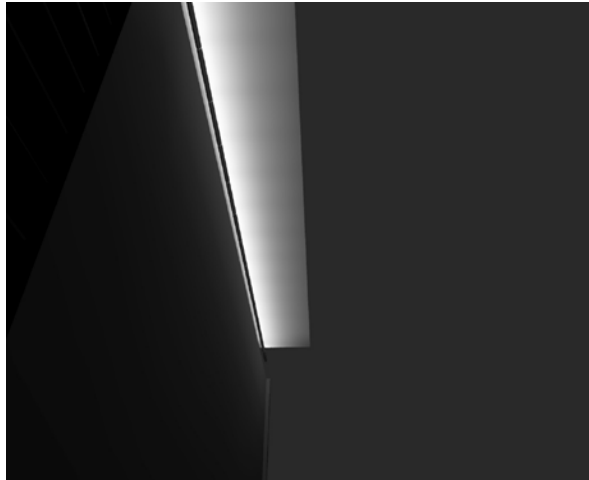
LFP 48" 17W 40K WW HFR
Spacing: 1'-10" end-to-end | Setback: 3'-9"



40-Foot-High Wall

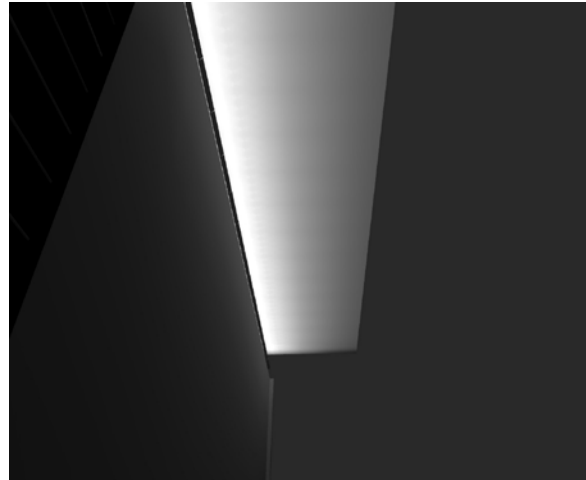
LFP 48" 17W 40K WW HFR
Spacing: 2'-6" end-to-end | Setback: 5'-0"

Asymmetric Examples



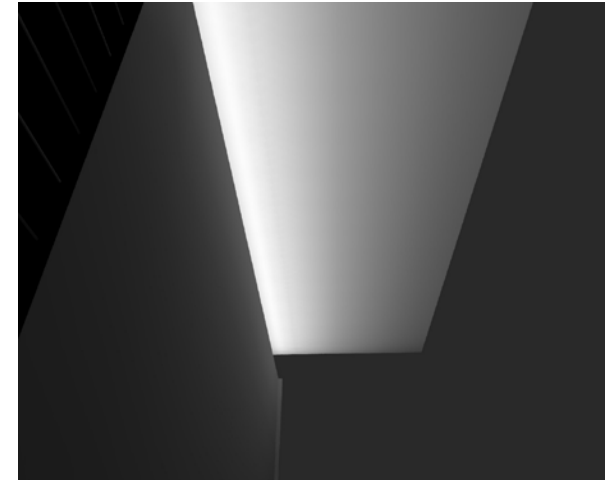
6-Foot Canopy

LFP 48 3.75W 40K CAS CL
No space between fixtures | Setback: 1'-3"



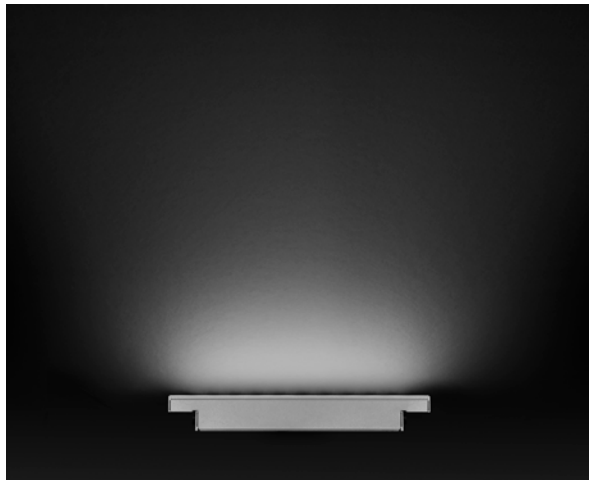
12-Foot Canopy

LFP 48 3.75W 40K CAS CL
No space between fixtures | Setback: 2'-5"



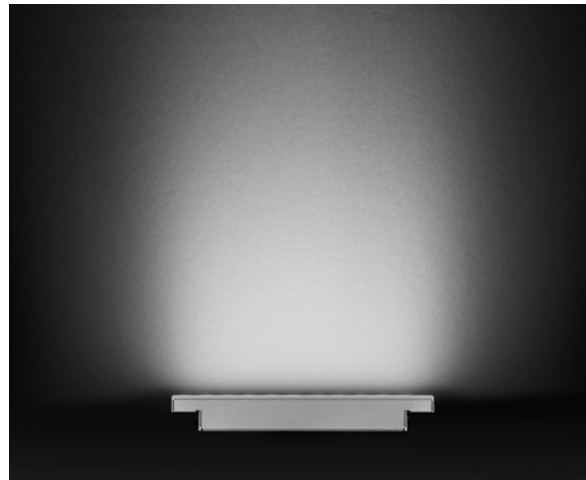
20-Foot Canopy

LFP 48 3.75W 40K CAS CL
No space between fixtures | Setback: 4'-0"



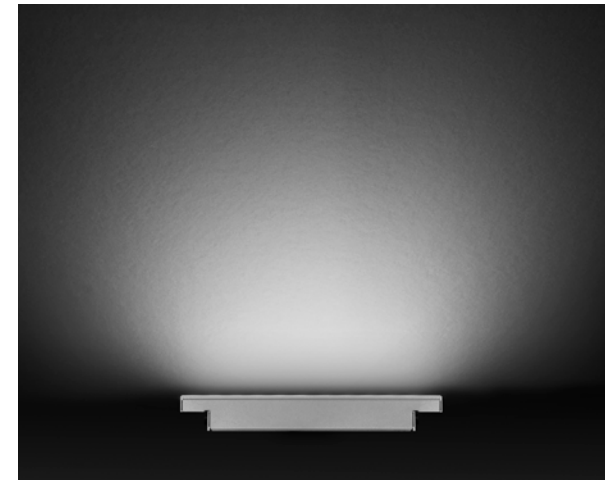
Ceiling Asymmetric

1:5 setback | Canopy depth ratio
No space between fixtures



Narrow Asymmetric

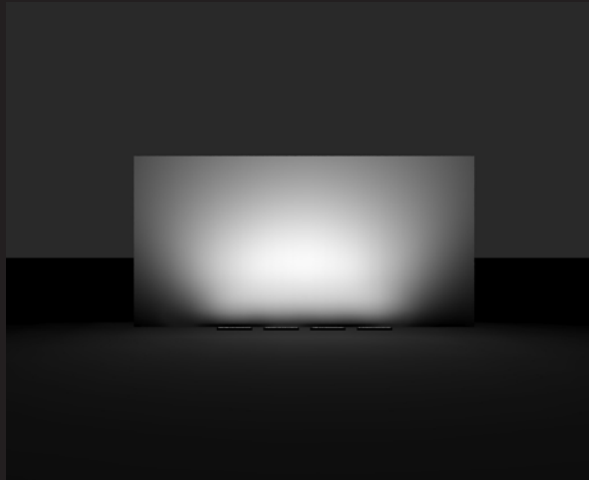
1:12 setback ratio | 0'-6" minimum setback
No space between fixtures



Asymmetric Wallwash

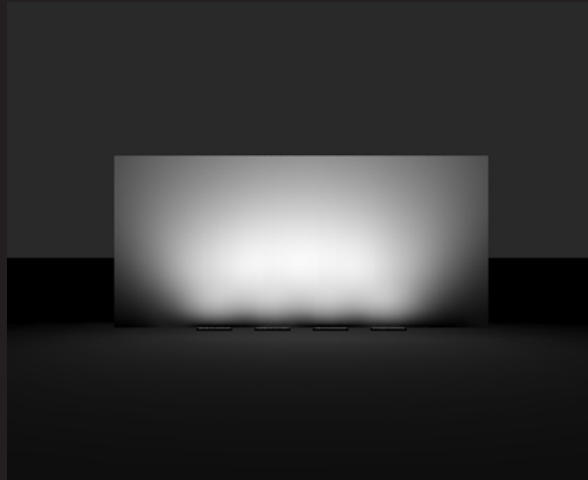
1:8 setback ratio | 0'-6" minimum setback
Space between fixtures = 1/2 setback

Wallwash Spacing



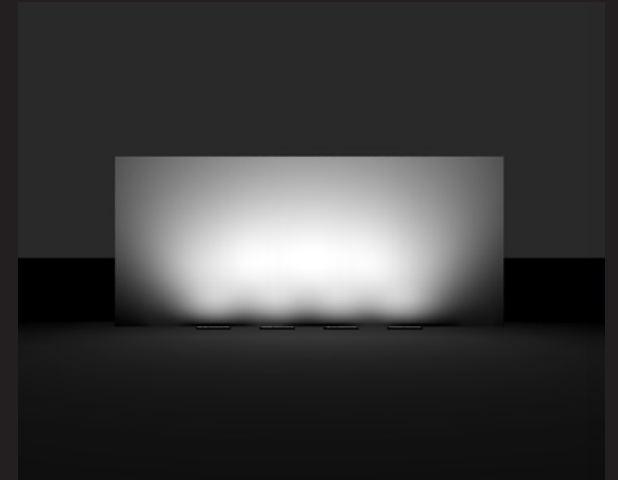
1'-3" End-to-End

As per recommendation from our ratio (setback = 1/8 wall height, end-to-end spacing = setback/2)



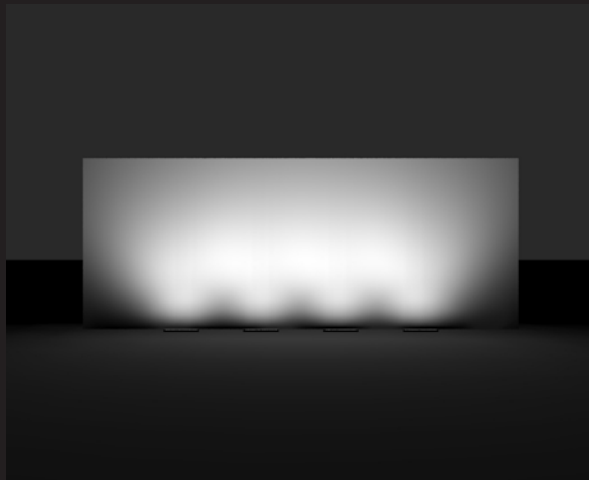
2'-6" End-to-End

2x recommended ratio



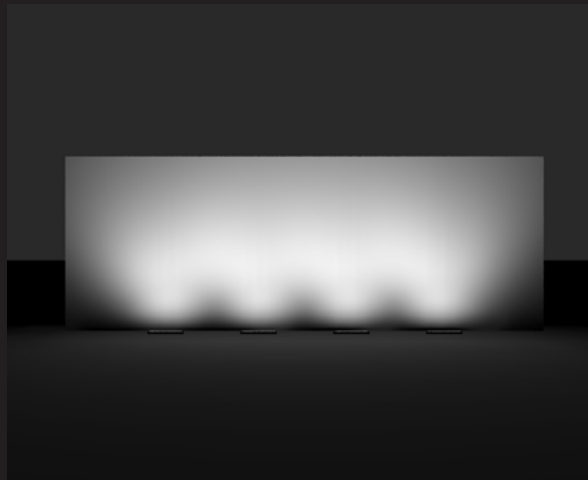
3'-9" End-to-End

3x recommended ratio



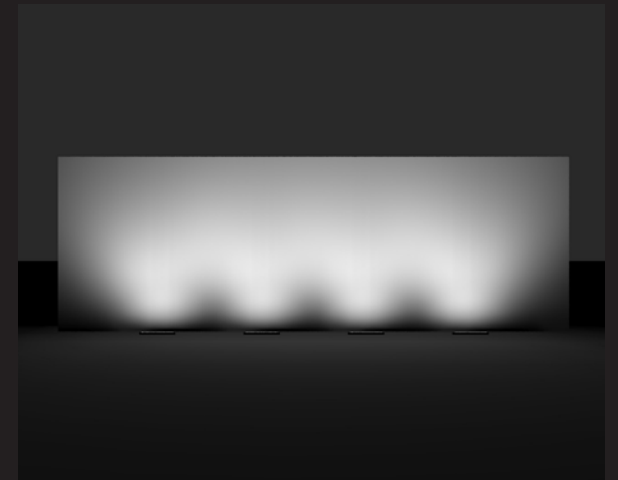
5'-0" End-to-End

4x recommended ratio



6'-3" End-to-End

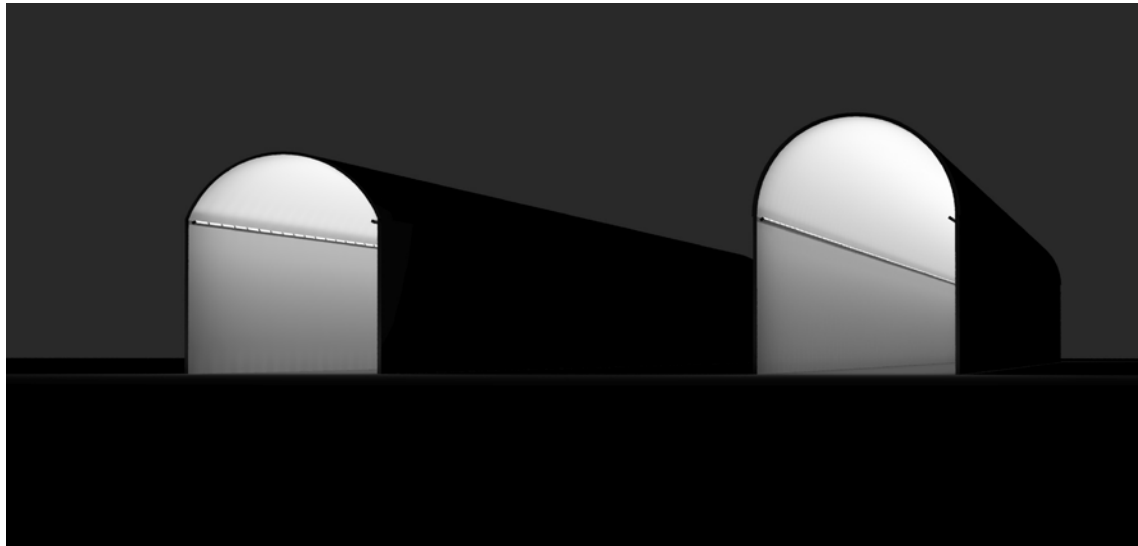
5x recommended ratio



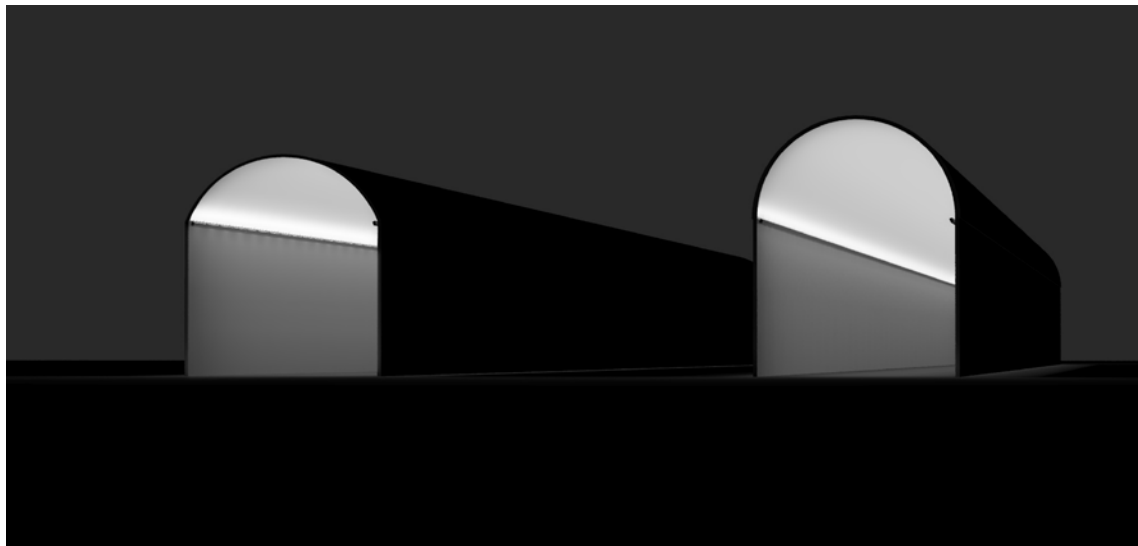
7'-6" End-to-End

6x recommended ratio

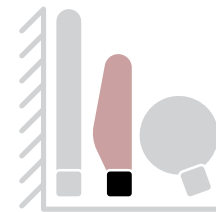
Arch Examples



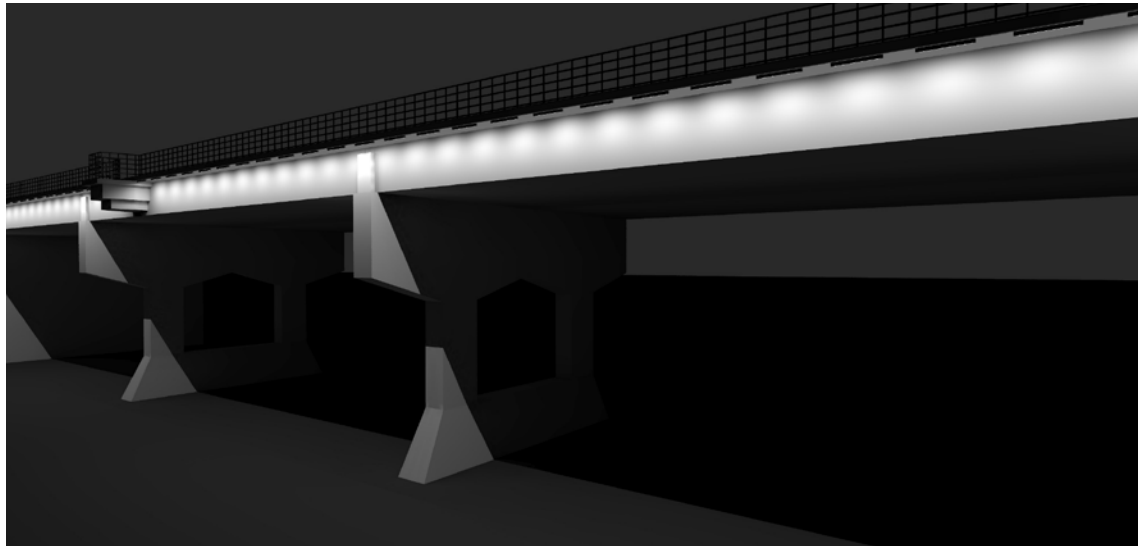
Arched Ceiling | 15'W x 5'H LFP 48" 17W 60° x 60° FR **Arched Ceiling | 15'W x 7.5'H LFP 48" 17W 60° x 60° FR**
Setback: 2'-2" | Spacing: 1'-0"



Arched Ceiling | 15'W x 5'H LFP 48" 10W CAS FR **Arched Ceiling | 15'W x 7.5'H LFP 48" 10W CAS FR**
End-to-end configuration. Fixtures slightly tilted towards the center of the arch.

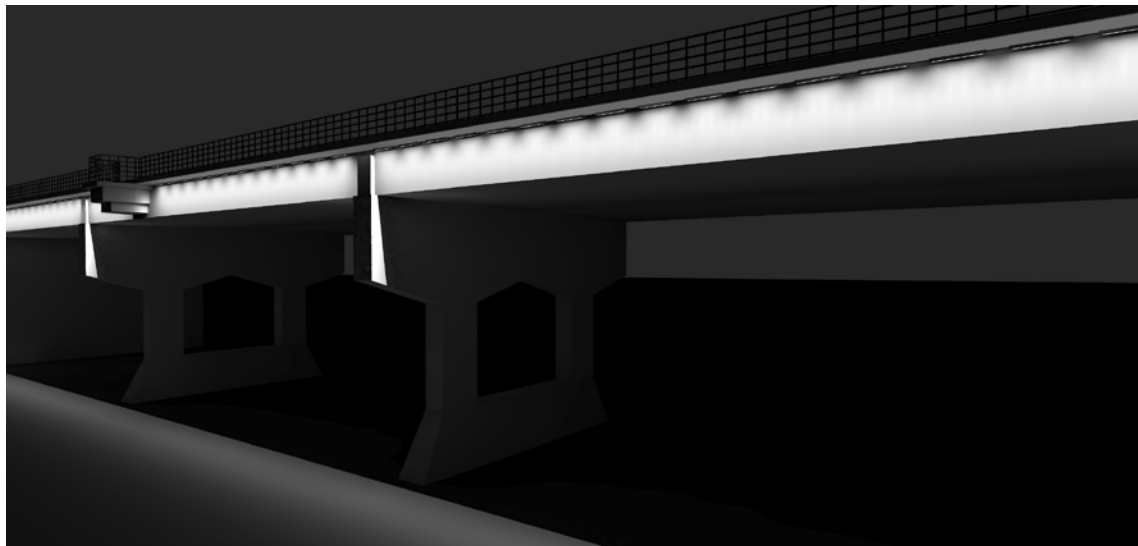


Bridge Girder Examples



Bridge Girder (5.8' high surface) | LFP 48" 3.75W W FR

Setback: 3'-6" | Spacing: 2'-6"

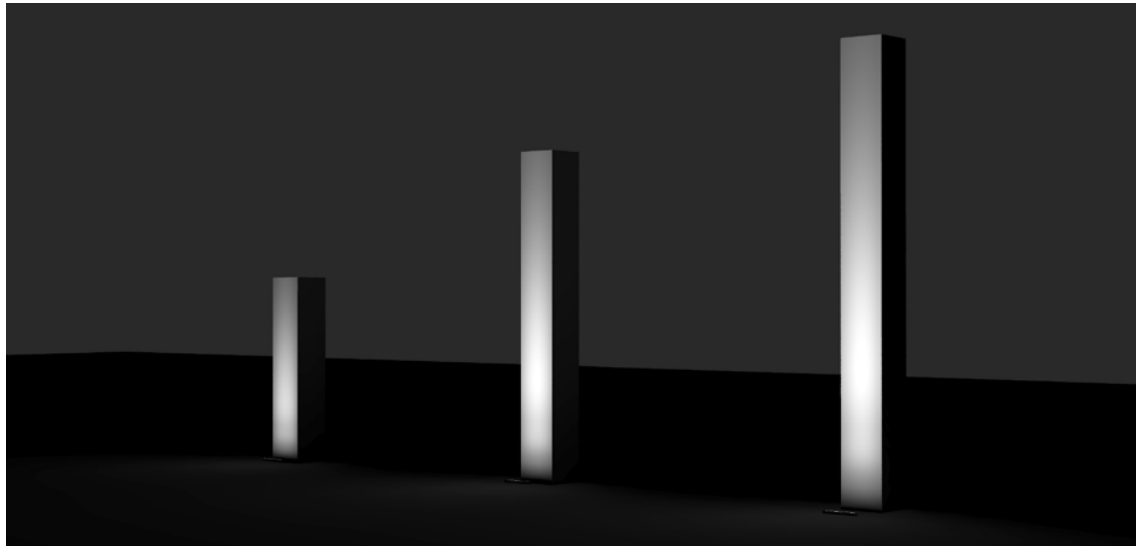


Bridge Girder (5.8' high surface) | LFP 48" 3.75W 10° x 90° FR

Setback: 0'-9" | Spacing: 1'-6"



Column Examples



25'H Column | LFP 3.75W NAS HFR

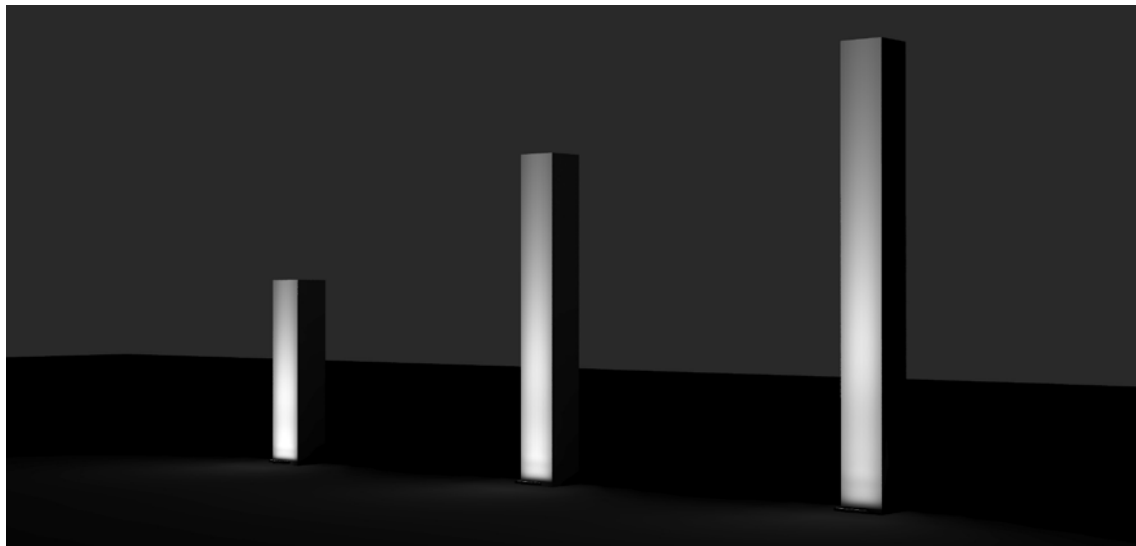
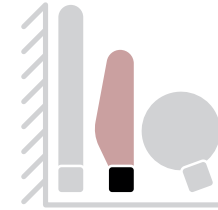
Setback: 2'-1"

40'H Column | LFP 10W NAS HFR

Setback: 3'-4"

50'H Column | LFP 17W NAS HFR

Setback: 4'-2"



25'H Column | LFP 10W 8°x8° HFR

Setback: 1'-0"

40'H Column | LFP 17W 8°x8° HFR

Setback: 1'-6"

50'H Column | LFP 17W 8°x8° HFR

Setback: 2'-0"



Sign Examples

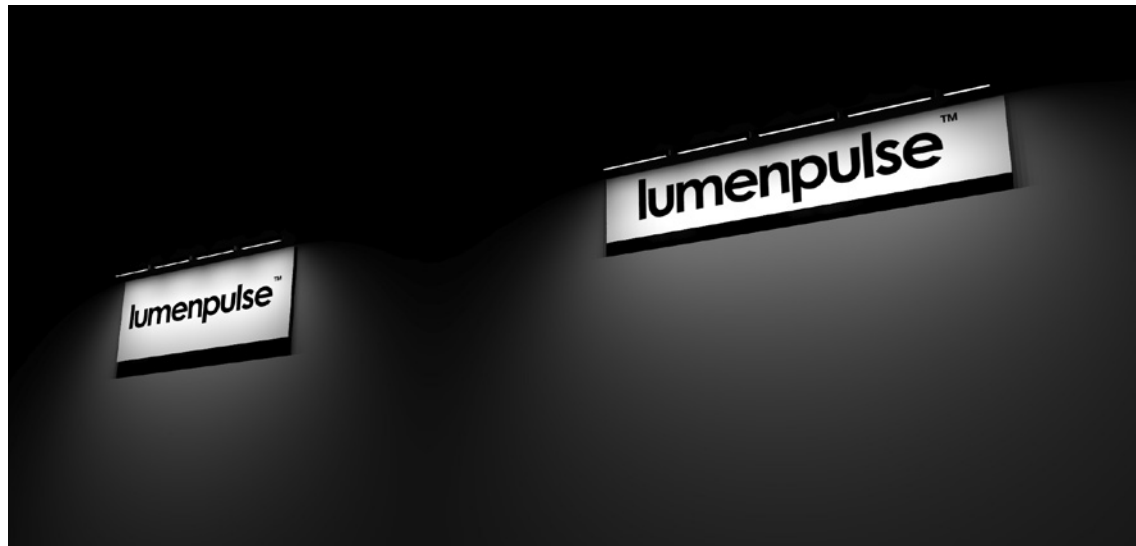


18'W x 6'H | LFP 48" 3.75W 30° x 90° FR

Setback: 2'-2" | Spacing: 1'-0"

20'W x 3.5'H | LFP 48" 3.75W 30° x 90° FR

Setback: 2'-2" | Spacing: 1'-0"

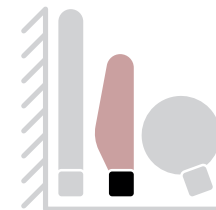


18'W x 6'H | LFP 48" 3.75W WW HFR

Setback: 1'-0" | Spacing: 0'-7"

20'W x 3.5'H | LFP 48" 3.75W WW HFR

Setback: 1'-0" | Spacing: 0'-4"





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