



**lumenpulse**™

**lumenfacade pure**

Mountings, Optics, and Applications



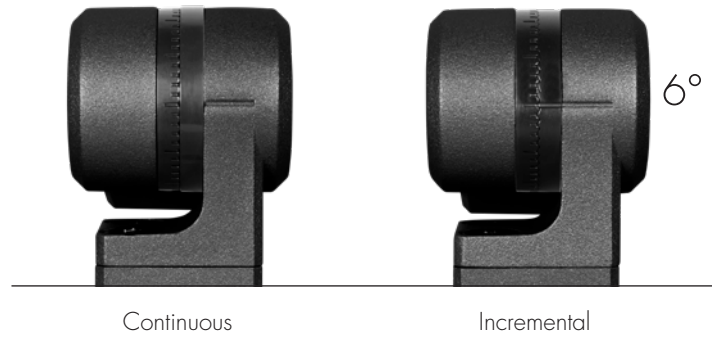
## Form + Function

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.







**VRN**  
Vibration Rating  
for Normal  
Applications



**VRBO**  
Vibration Rating  
for Bridges and  
Overpasses



**NVR**  
No Vibration  
Rating

## 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

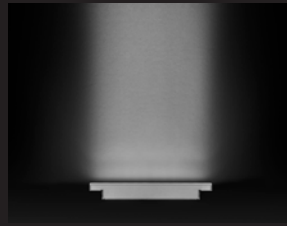


Frosted





Clear



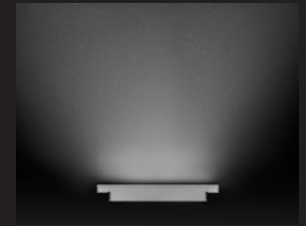
8°x8°



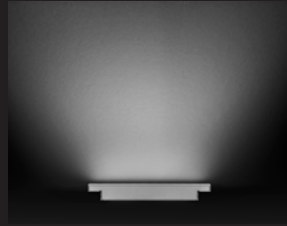
10°x10°



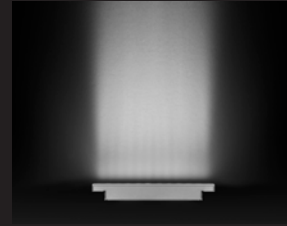
10°x30°



10°x60°



10°x90°



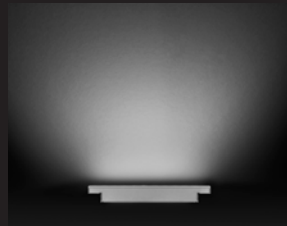
30°x10°



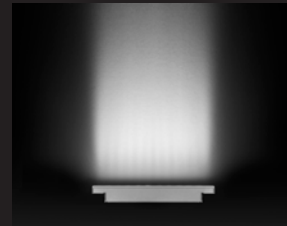
30°x30°



30°x60°



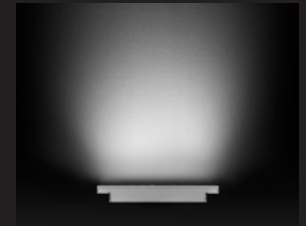
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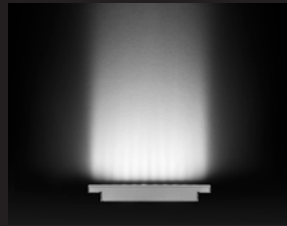
60°x10°



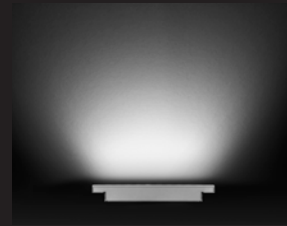
60°x30°



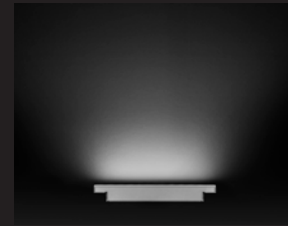
60°x60°



90°x10°



90°x90°



Ceiling Asymmetric

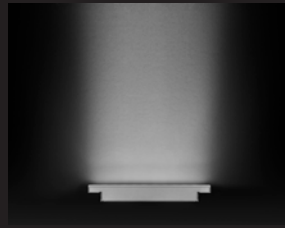


Wide 120°

Real images of fixture, 4" from black wall.



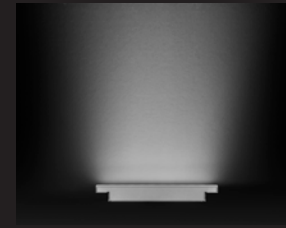
Half-Frosted



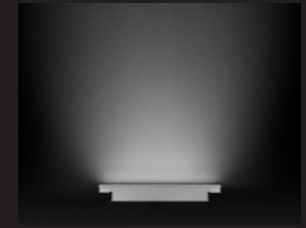
8° x 8°



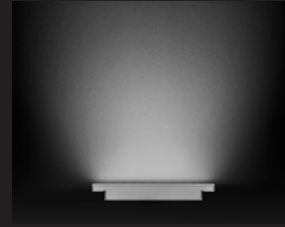
10° x 10°



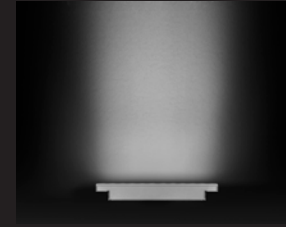
10° x 30°



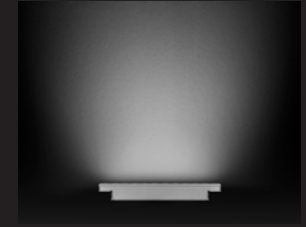
10° x 60°



10° x 90°



Narrow Asymmetric



Asymmetric Wallwash

# Pristine Precision

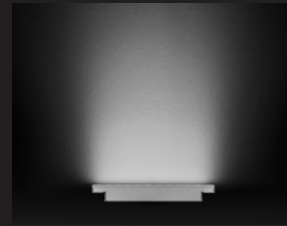
Lumenpulse's optimized optics put light exactly where you want and need it, regardless of the application.

Real images of fixture, 4" from black wall.

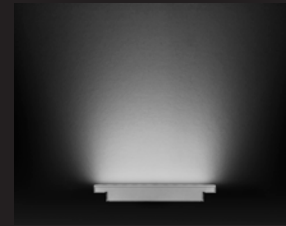
Frosted



8° x 8°



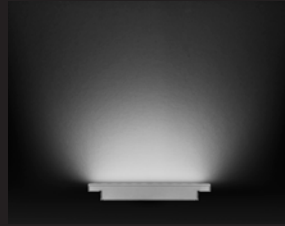
10° x 10°



10° x 30°



10° x 60°



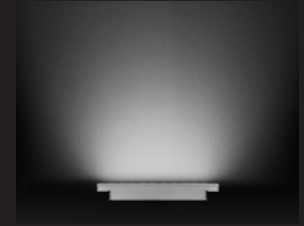
10° x 90°



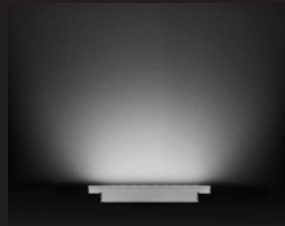
30° x 10°



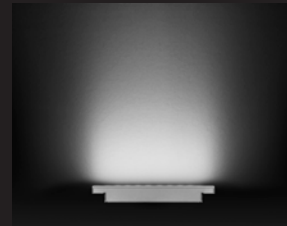
30° x 30°



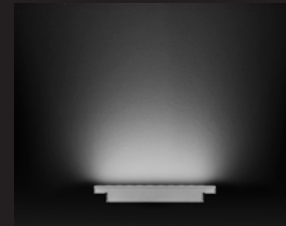
30° x 60°



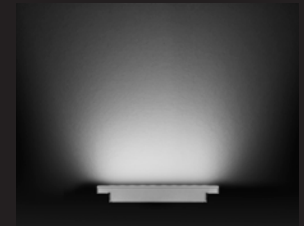
30° x 90°



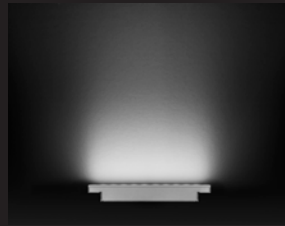
60° x 10°



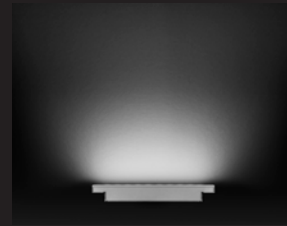
60° x 30°



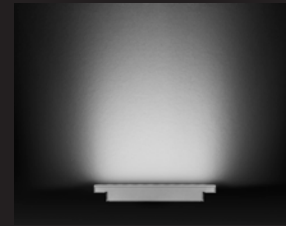
60° x 60°



90° x 10°



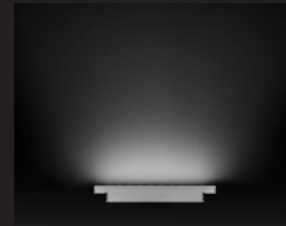
90° x 90°



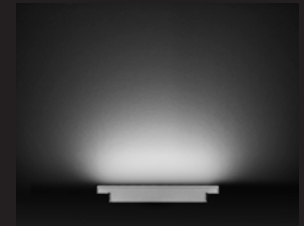
Narrow Asymmetric



Asymmetric Wallwash



Ceiling Asymmetric



Wide 120°

Real images of fixture, 4" from black wall.





1



2



3



4

# Integrated Accessories

Optimally designed, seamless accessories ensure precision optical performance.



1. Shield



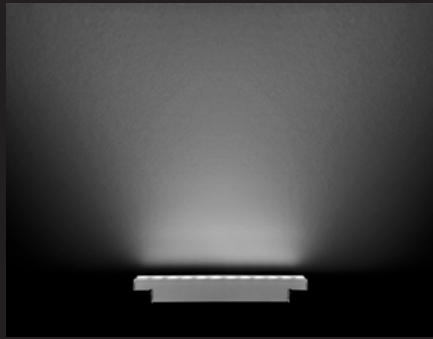
2. Radial Louver



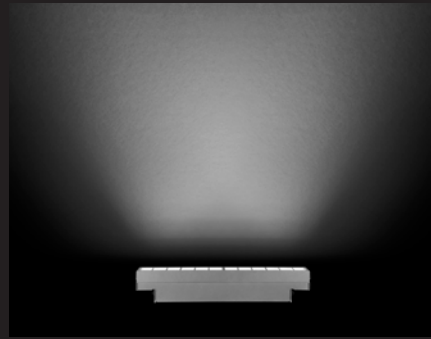
3. Radial Louver Asymmetric



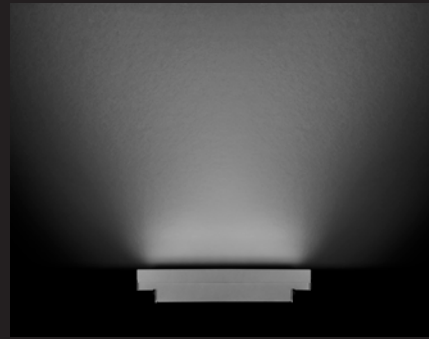
4. Visor



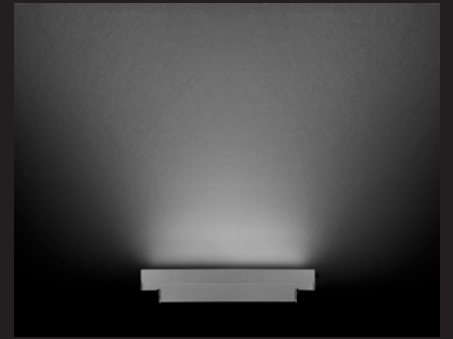
10°×60°



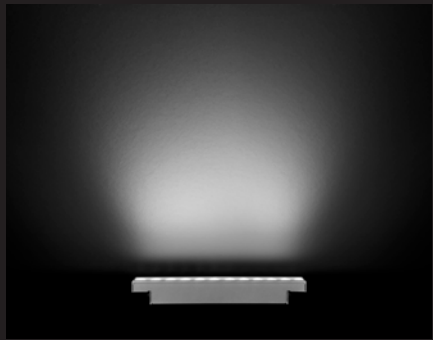
10°×60° + Radial Louver



10°×60° + Radial Louver Asymmetric



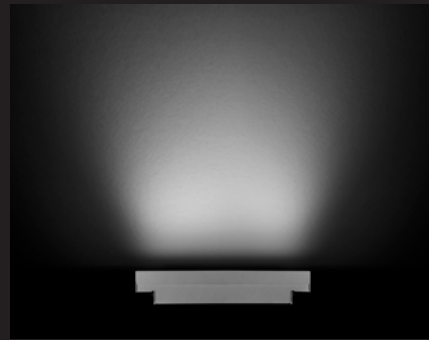
10°×60° + Visor



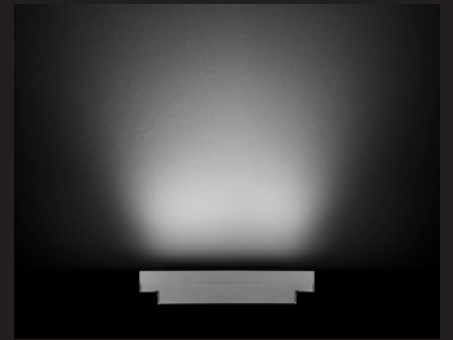
60°×60°



60°×60° + Radial Louver



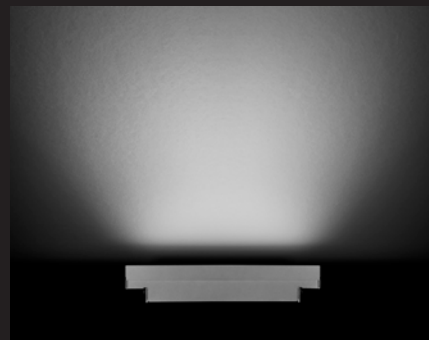
60°×60° + Radial Louver Asymmetric



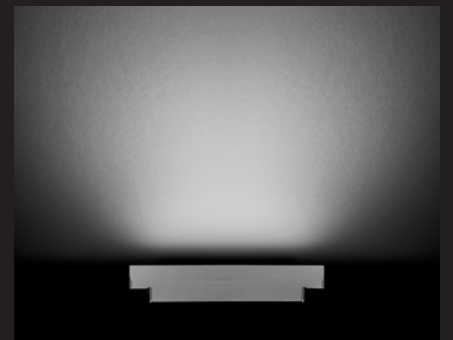
60°×60° + Visor



Asymmetric Wallwash



Asymmetric Wallwash + Radial Louver Asymmetric



Asymmetric Wallwash + Visor

Real images of fixture, 4" from black wall.



Please consult factory for additional color temperatures and 90CRI.



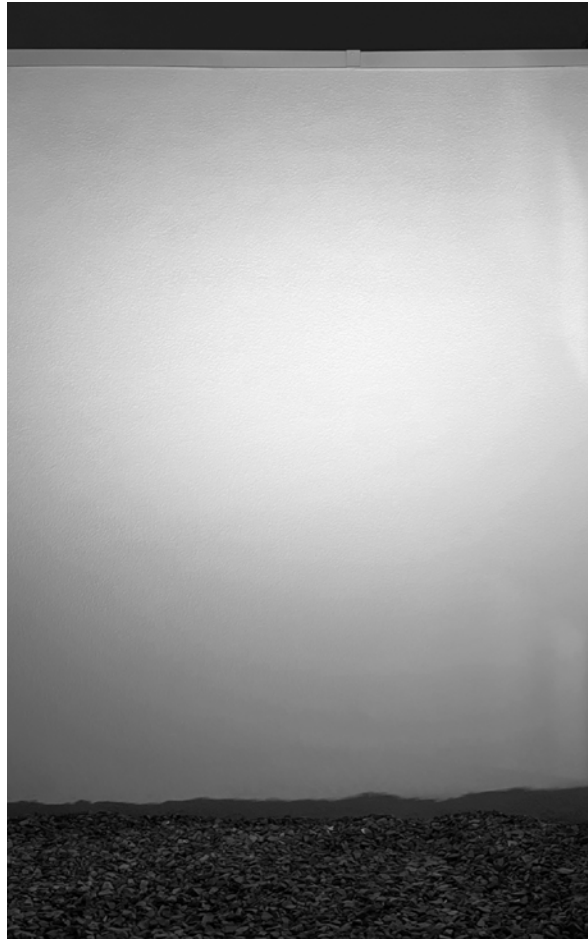
# The Right Amount of Light

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.





**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°

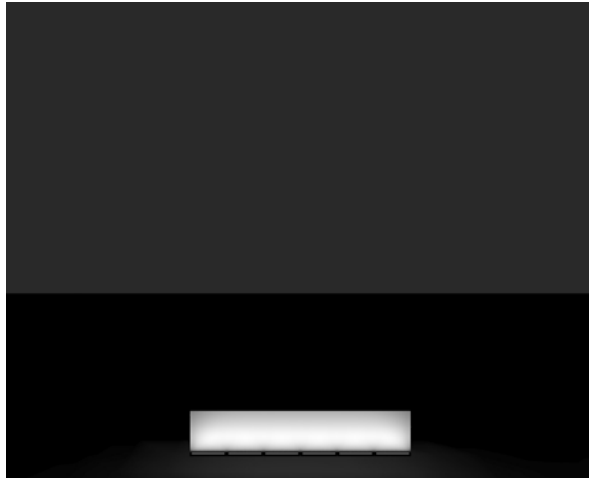
10° × 30°

10° × 60°

10° × 90°



# Grazing Distributions



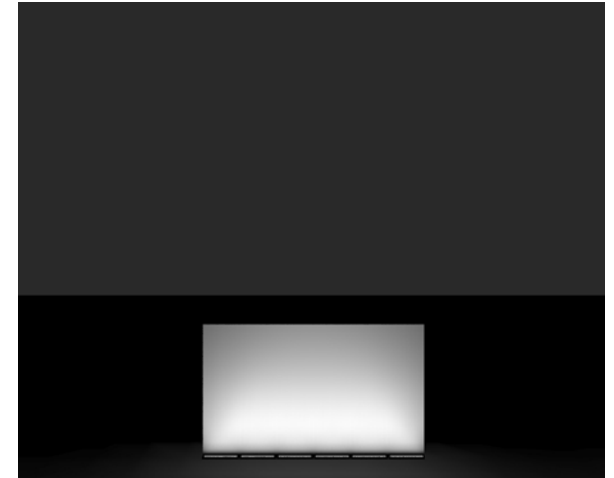
**5-Foot-High Wall**

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



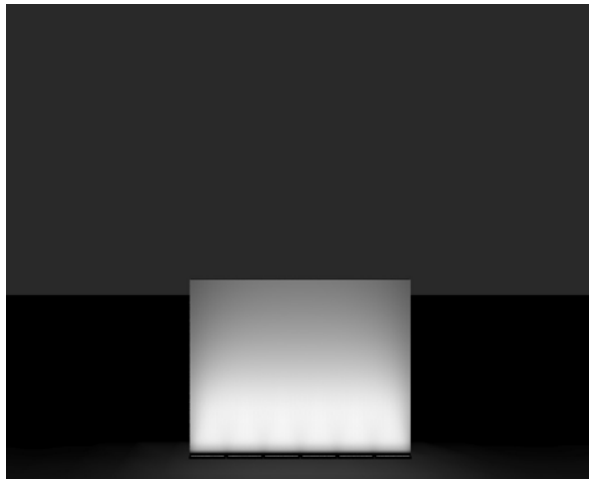
**10-Foot-High Wall**

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



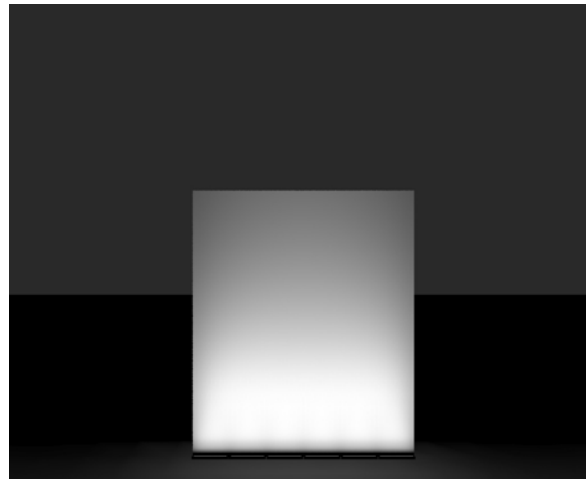
**15-Foot-High Wall**

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



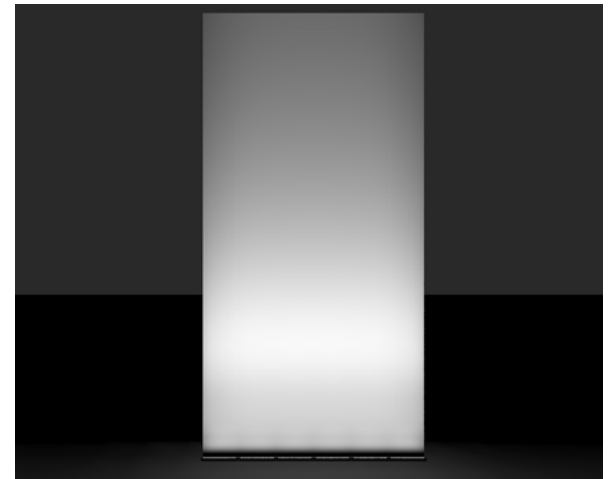
**20-Foot-High Wall**

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"

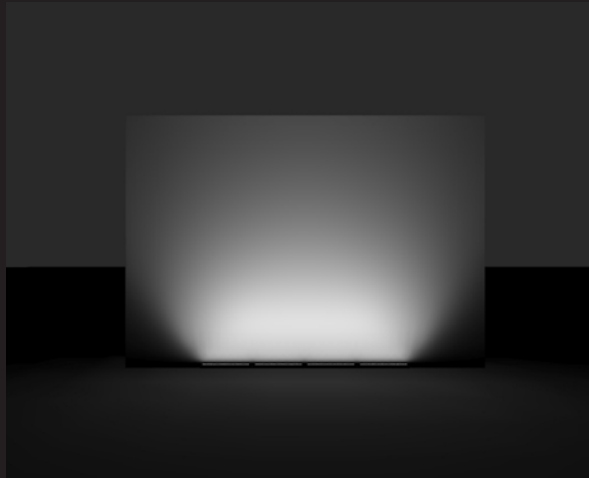


**50-Foot-High Wall**

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

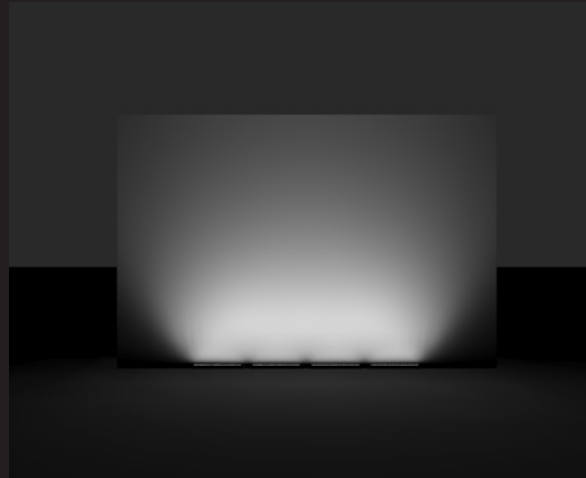


# Graze Spacing



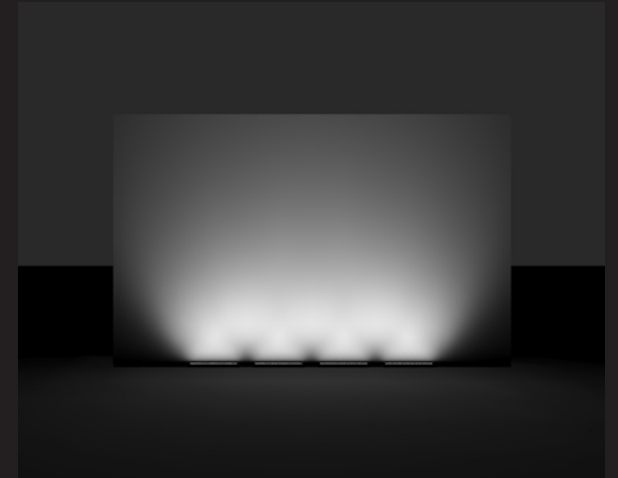
## Minimum Spacing

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



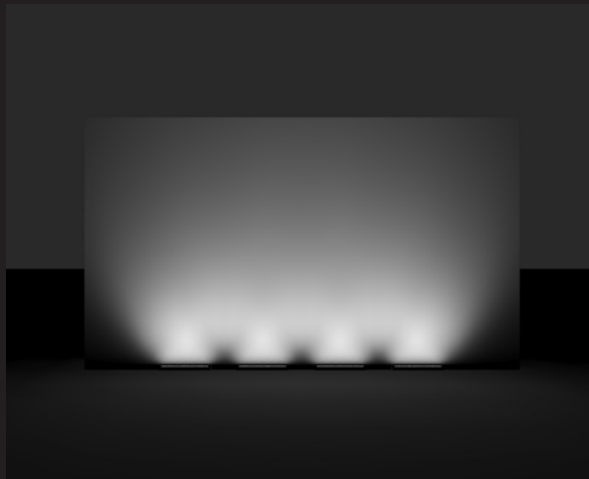
## 6-Inch Spacing

Spacing between fixtures is 0'-6".



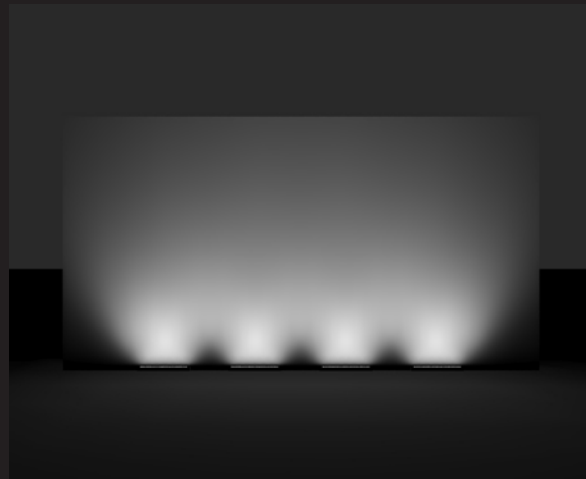
## 1-Foot Spacing

Spacing between fixtures is 1'-0".



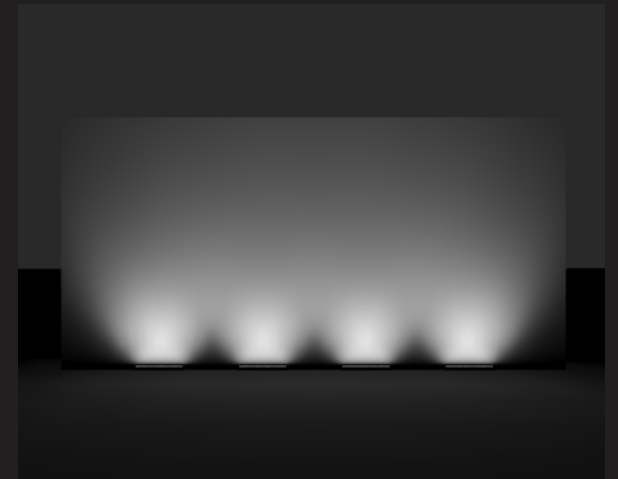
## 2-Foot Spacing

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°

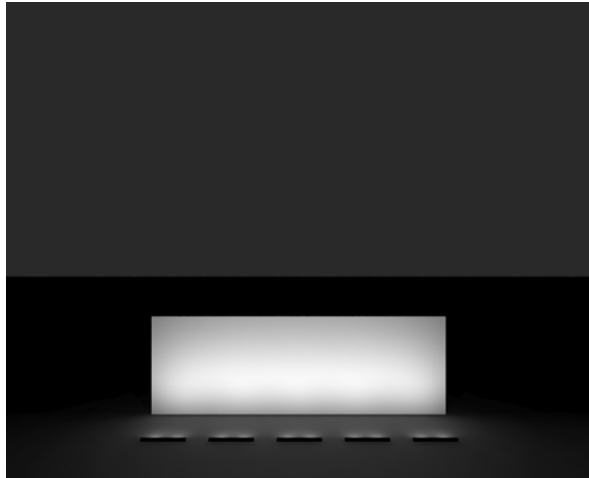
30° x 60°

60° x 60°

90° x 90°

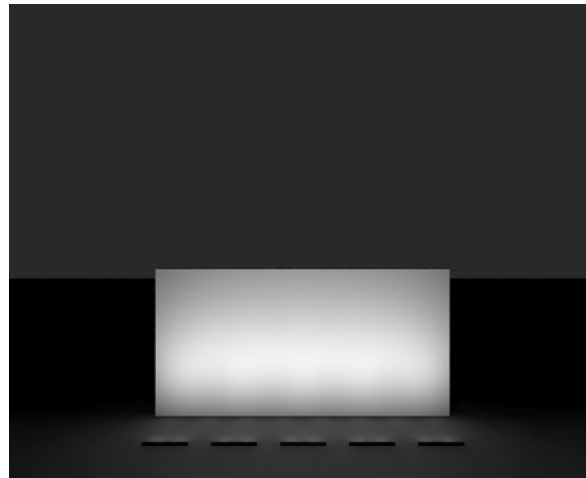
Wallwash

# Flooding Distributions



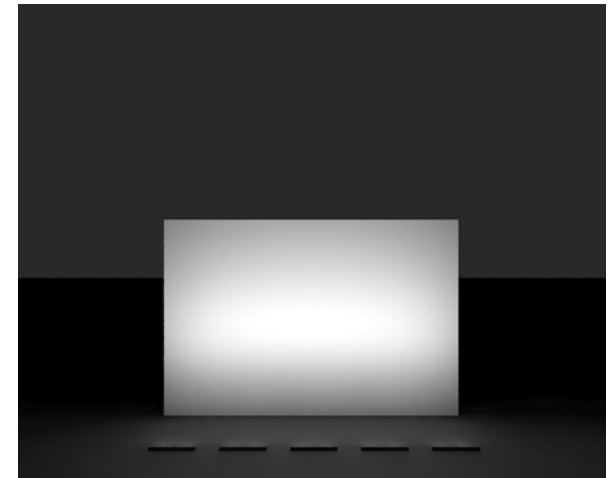
**10-Foot-High Wall**

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



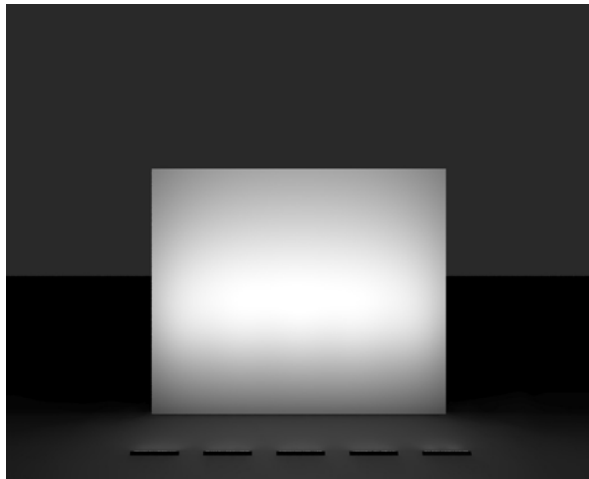
**15-Foot-High Wall**

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



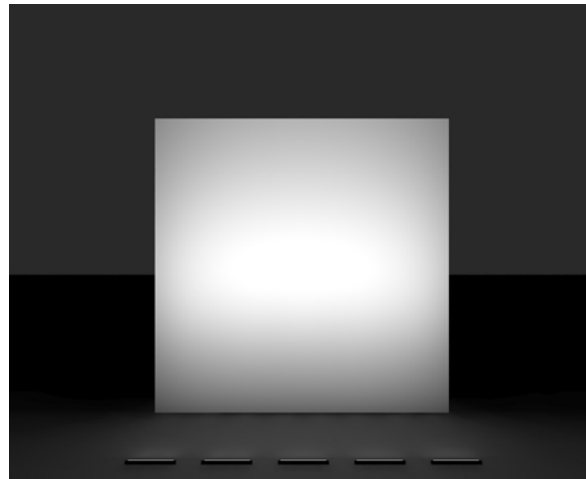
**20-Foot-High Wall**

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



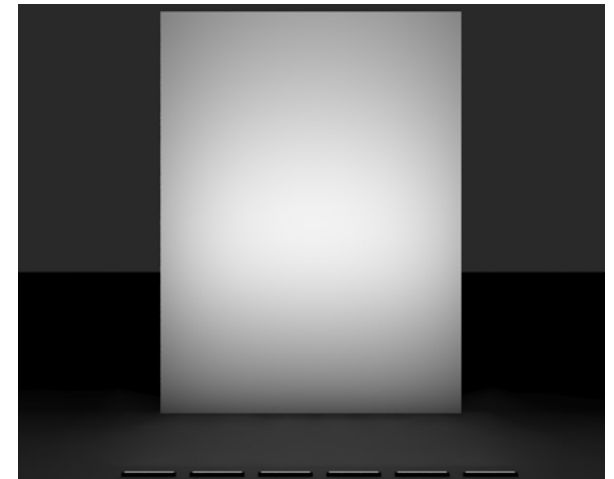
**25-Foot-High Wall**

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"

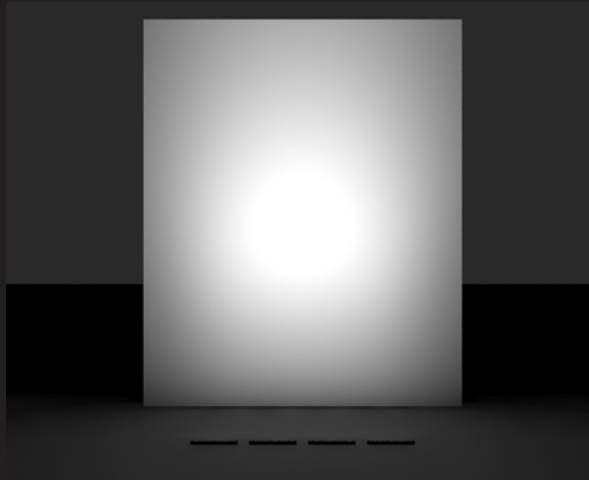


**40-Foot-High Wall**

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

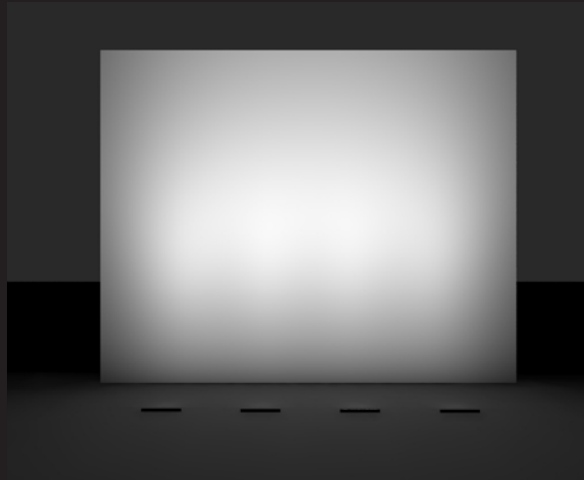
# Flood Spacing

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



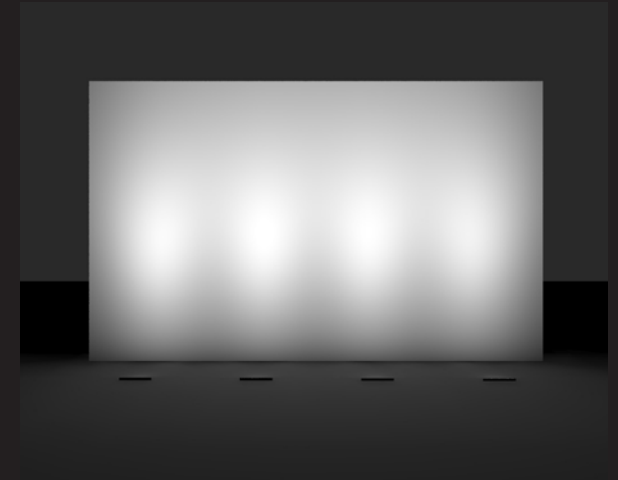
## 1-Foot Spacing

Spacing between fixtures is 1'-0".



## 6-Foot Spacing

Spacing between fixtures is 6'-0".



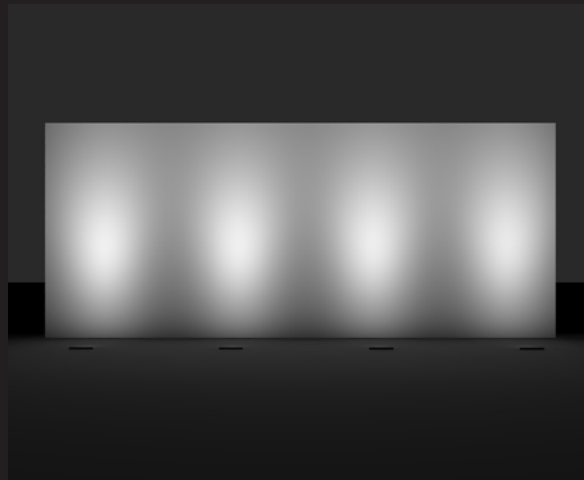
## 11-Foot Spacing

Spacing between fixtures is 11'-0".



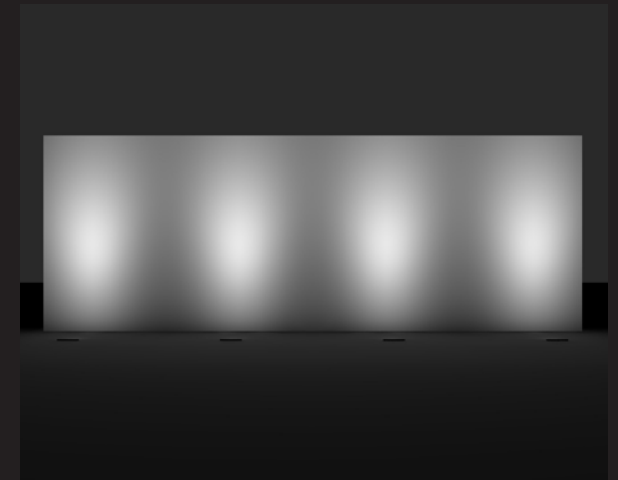
## 16-Foot Spacing

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**

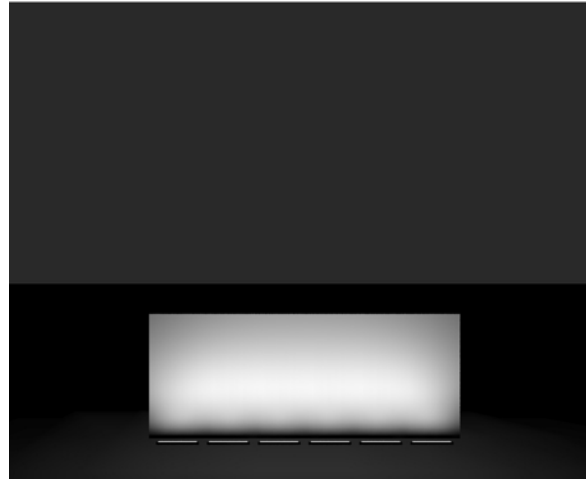
Wallwash  
Narrow Asymmetric  
Ceiling Asymmetric

# Wallwashing Examples



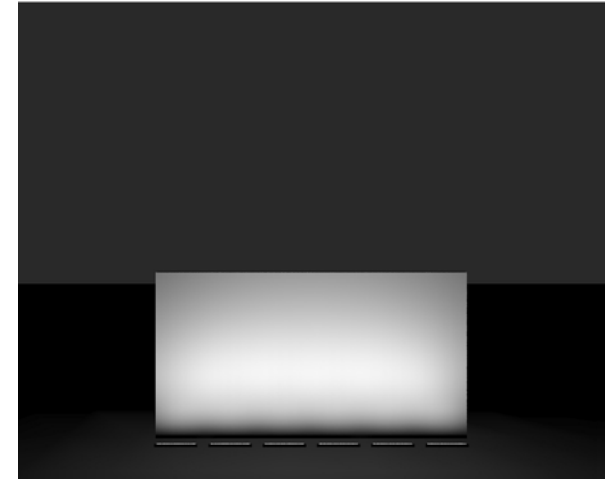
**8-Foot-High Wall**

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



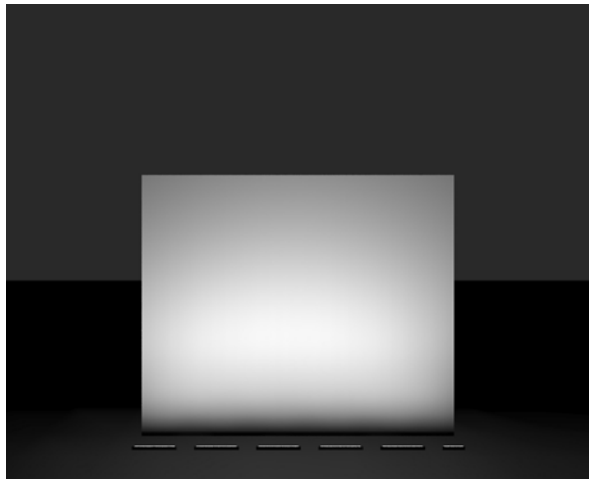
**12-Foot-High Wall**

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



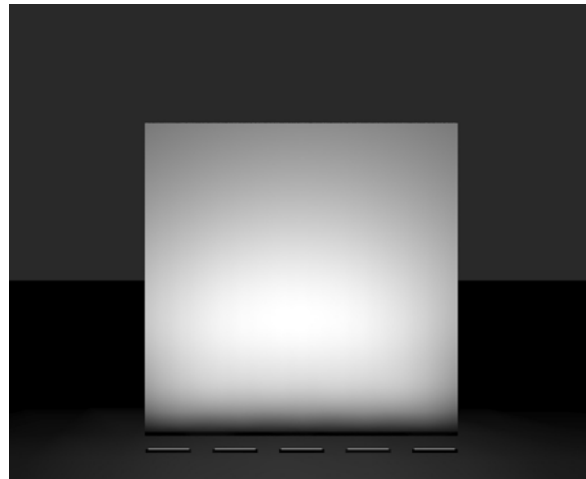
**16-Foot-High Wall**

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



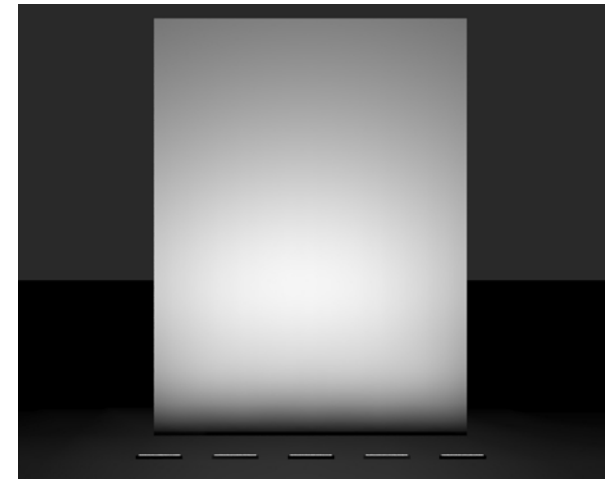
**25-Foot-High Wall**

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



**30-Foot-High Wall**

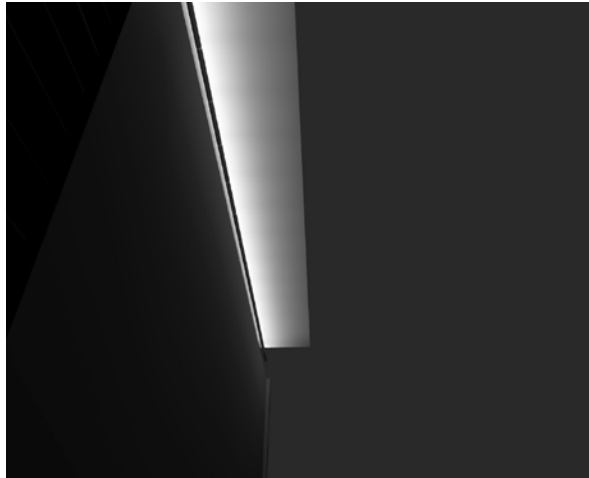
LFP 48" 17W 40K WW HFR  
Spacing: 1'-10" end-to-end | Setback: 3'-9"



**40-Foot-High Wall**

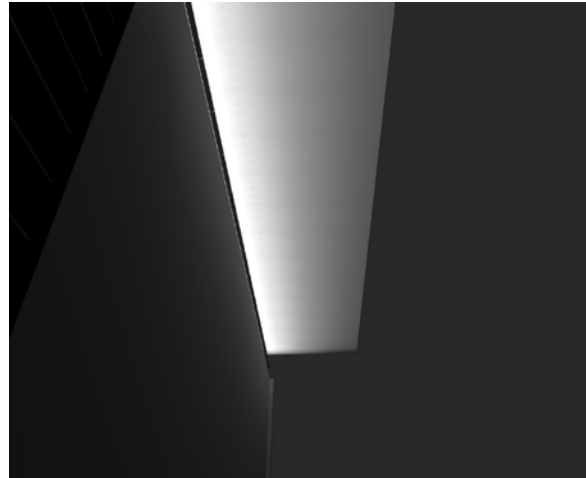
LFP 48" 17W 40K WW HFR  
Spacing: 2'-6" end-to-end | Setback: 5'-0"

# Asymmetric Examples



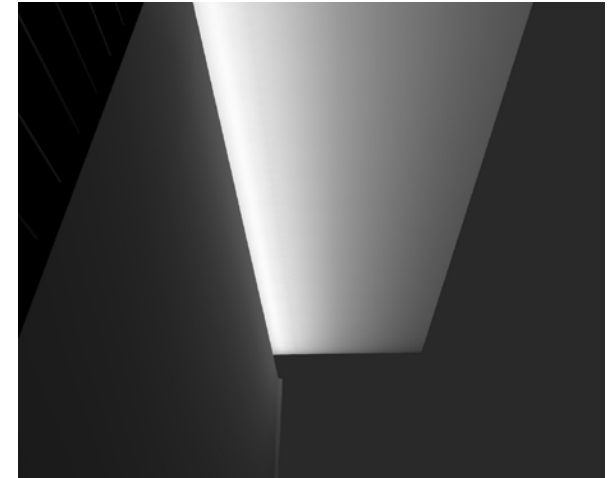
## 6-Foot Canopy

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



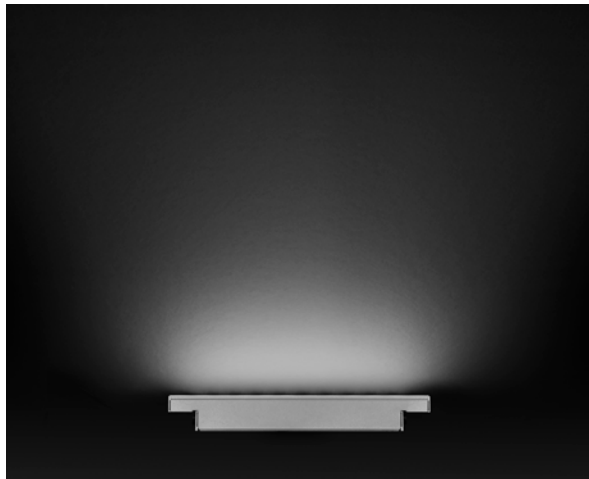
## 12-Foot Canopy

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



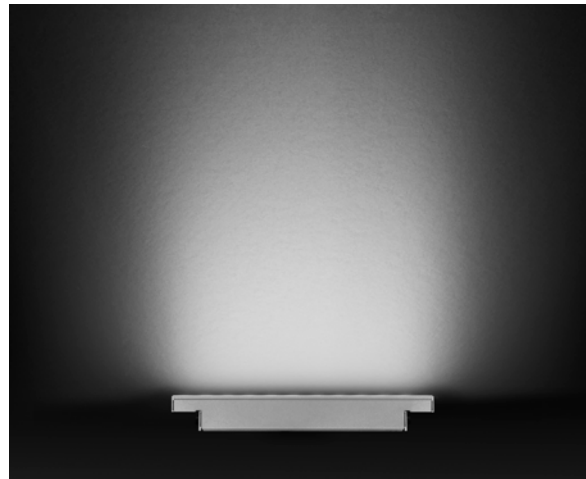
## 20-Foot Canopy

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



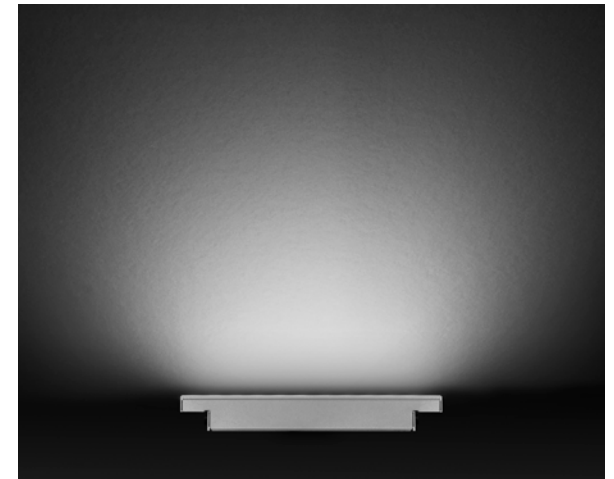
## Ceiling Asymmetric

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



## Narrow Asymmetric

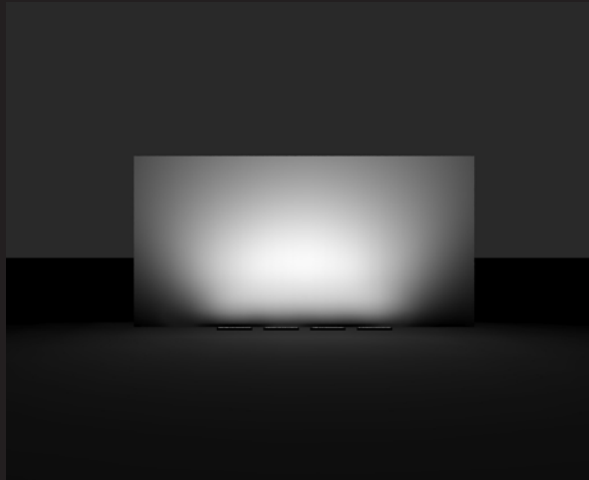
1:12 setback ratio | 0'-6" minimum setback  
No space between fixtures



## Asymmetric Wallwash

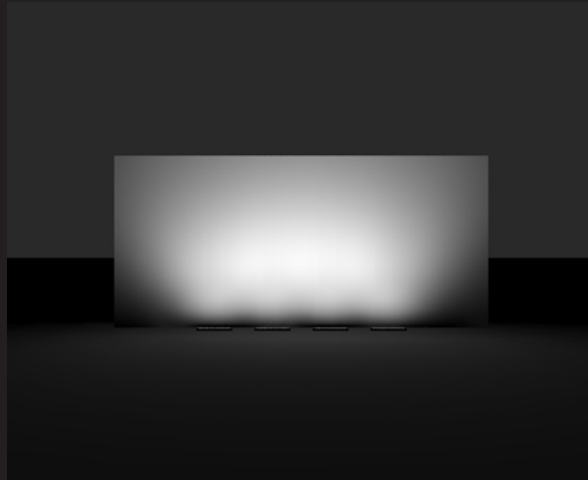
1:8 setback ratio | 0'-6" minimum setback  
Space between fixtures = 1/2 setback

# Wallwash Spacing



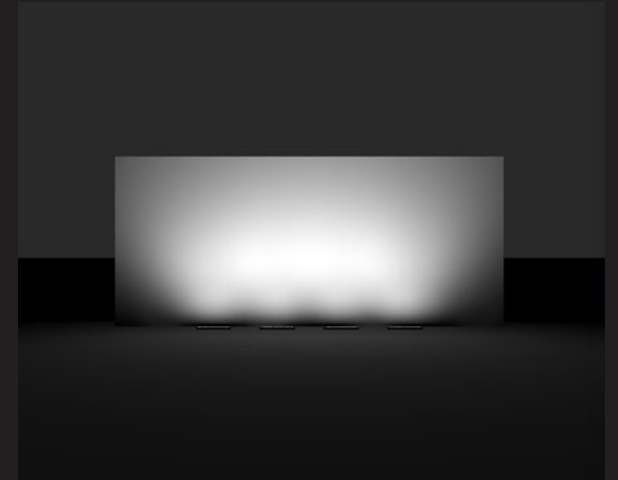
## 1'-3" End-to-End

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



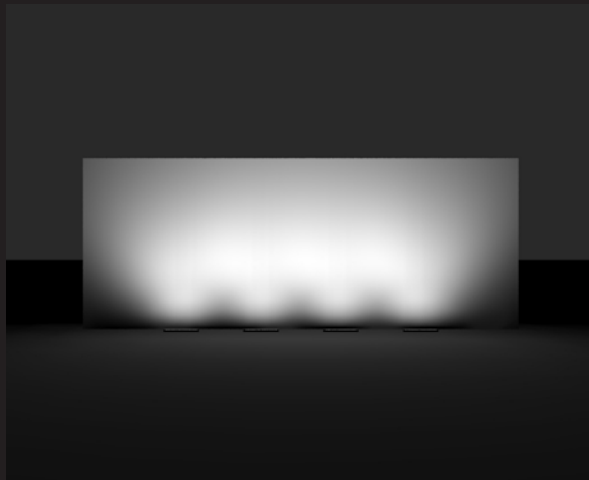
## 2'-6" End-to-End

2x recommended ratio



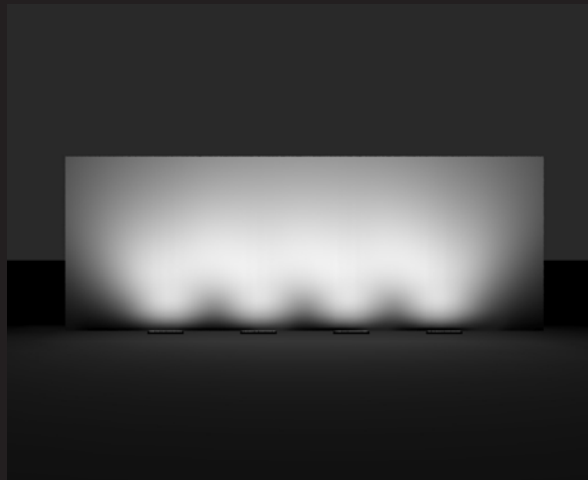
## 3'-9" End-to-End

3x recommended ratio



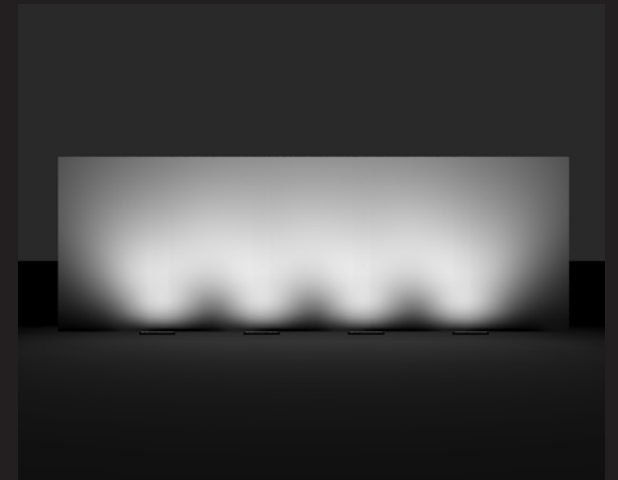
## 5'-0" End-to-End

4x recommended ratio



## 6'-3" End-to-End

5x recommended ratio

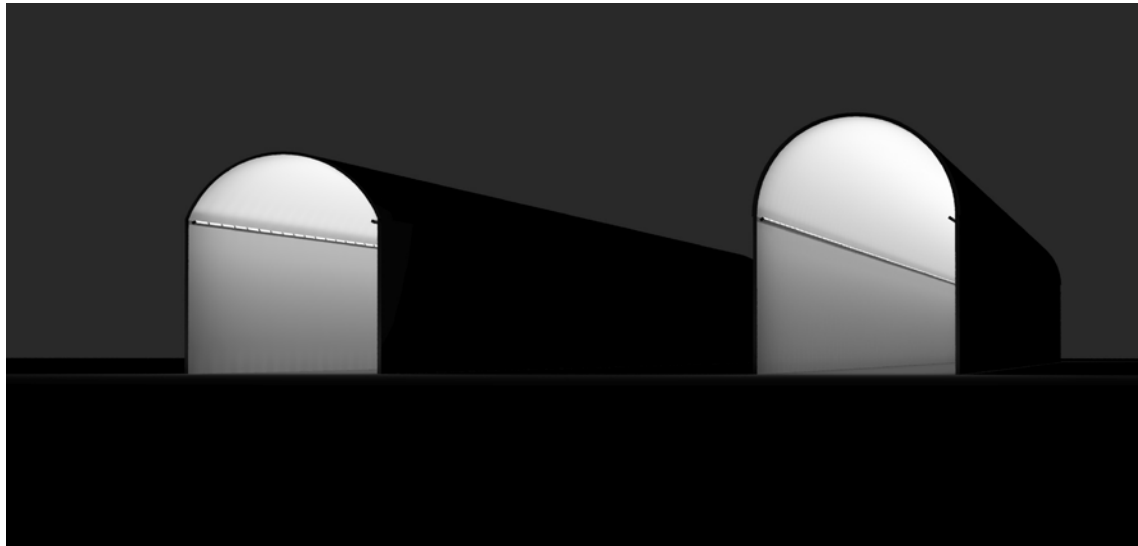


## 7'-6" End-to-End

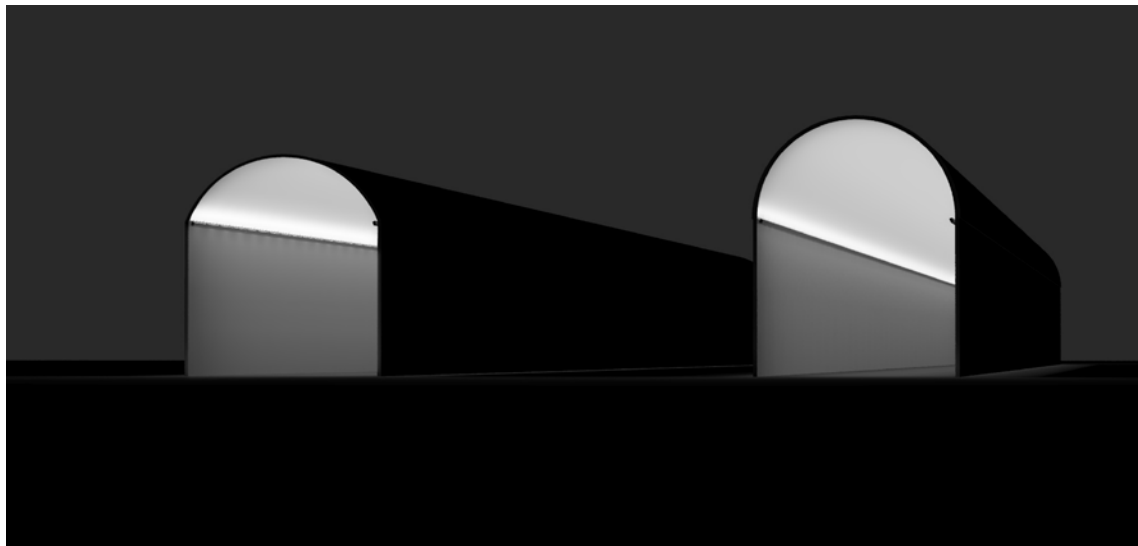
6x recommended ratio



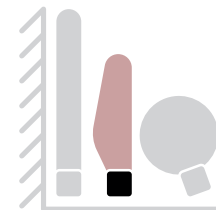
# Arch Examples



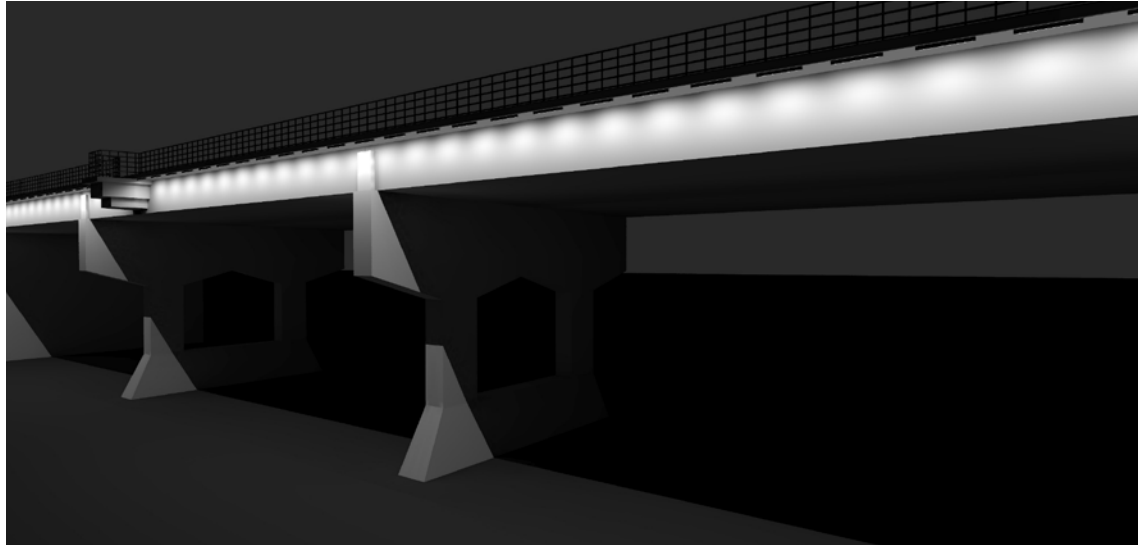
**Arched Ceiling | 15'W x 5'H LFP 48" 17W 60° x 60° FR**    **Arched Ceiling | 15'W x 7.5'H LFP 48" 17W 60° x 60° FR**  
Setback: 2'-2" | Spacing: 1'-0"                      Setback: 2'-2" | Spacing: 1'-0"



**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.                      End-to-end configuration. Fixtures slightly tilted towards the center of the arch.

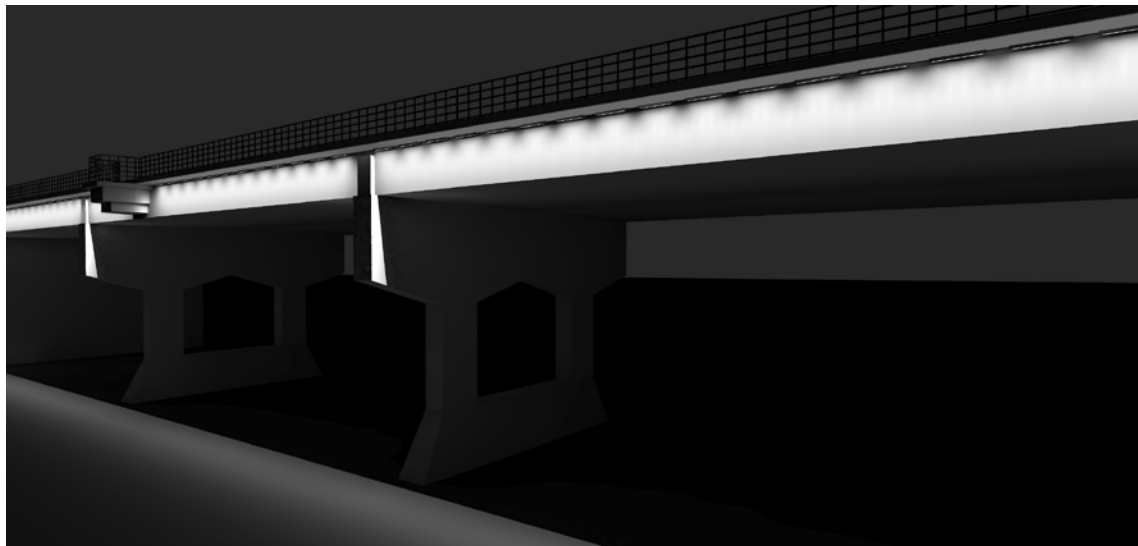


# Bridge Girder Examples



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

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

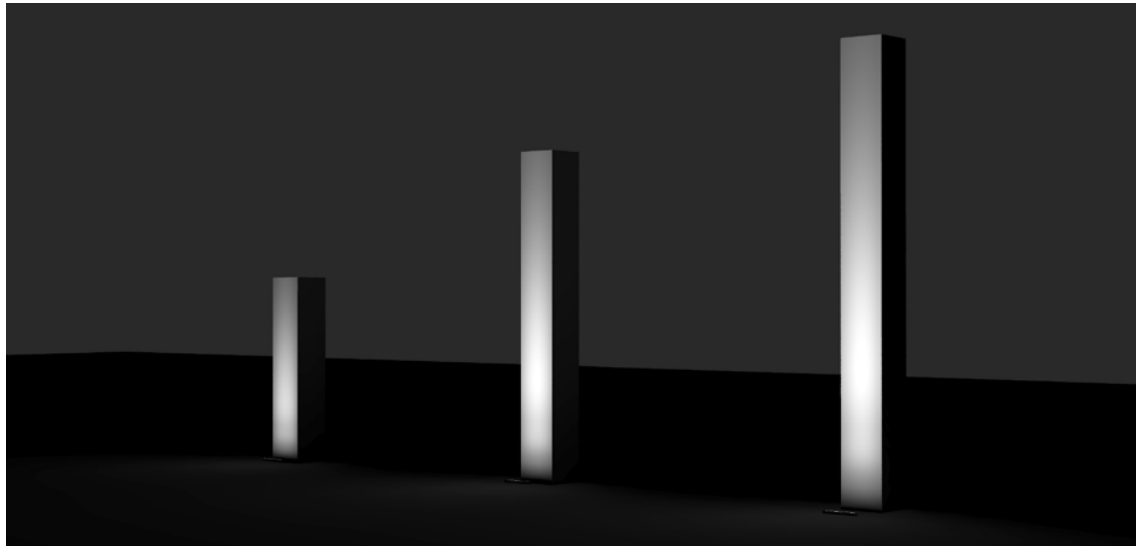


**Bridge Girder (5.8' high surface) | LFP 48" 3.75W 10° x 90° FR**

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



# Column Examples



**25'H Column | LFP 3.75W NAS HFR**

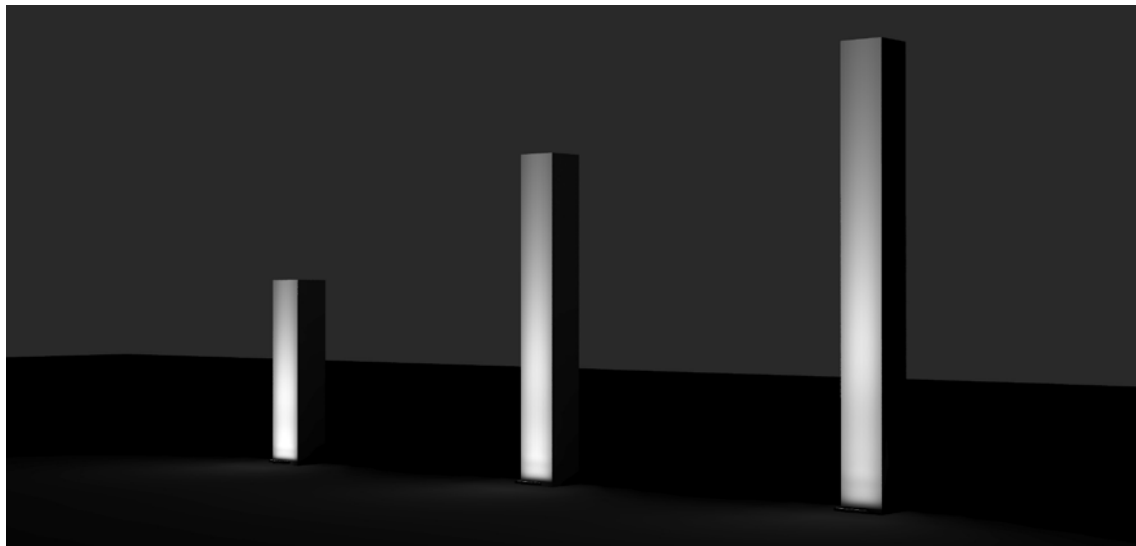
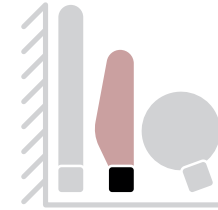
Setback: 2'-1"

**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°×8° HFR**

Setback: 1'-0"

**40'H Column | LFP 17W 8°×8° HFR**

Setback: 1'-6"

**50'H Column | LFP 17W 8°×8° 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"

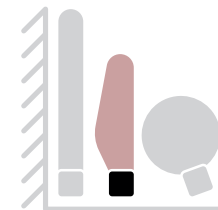


**18'W x 6'H | LFP 48" 3.75W WW HFR**

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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