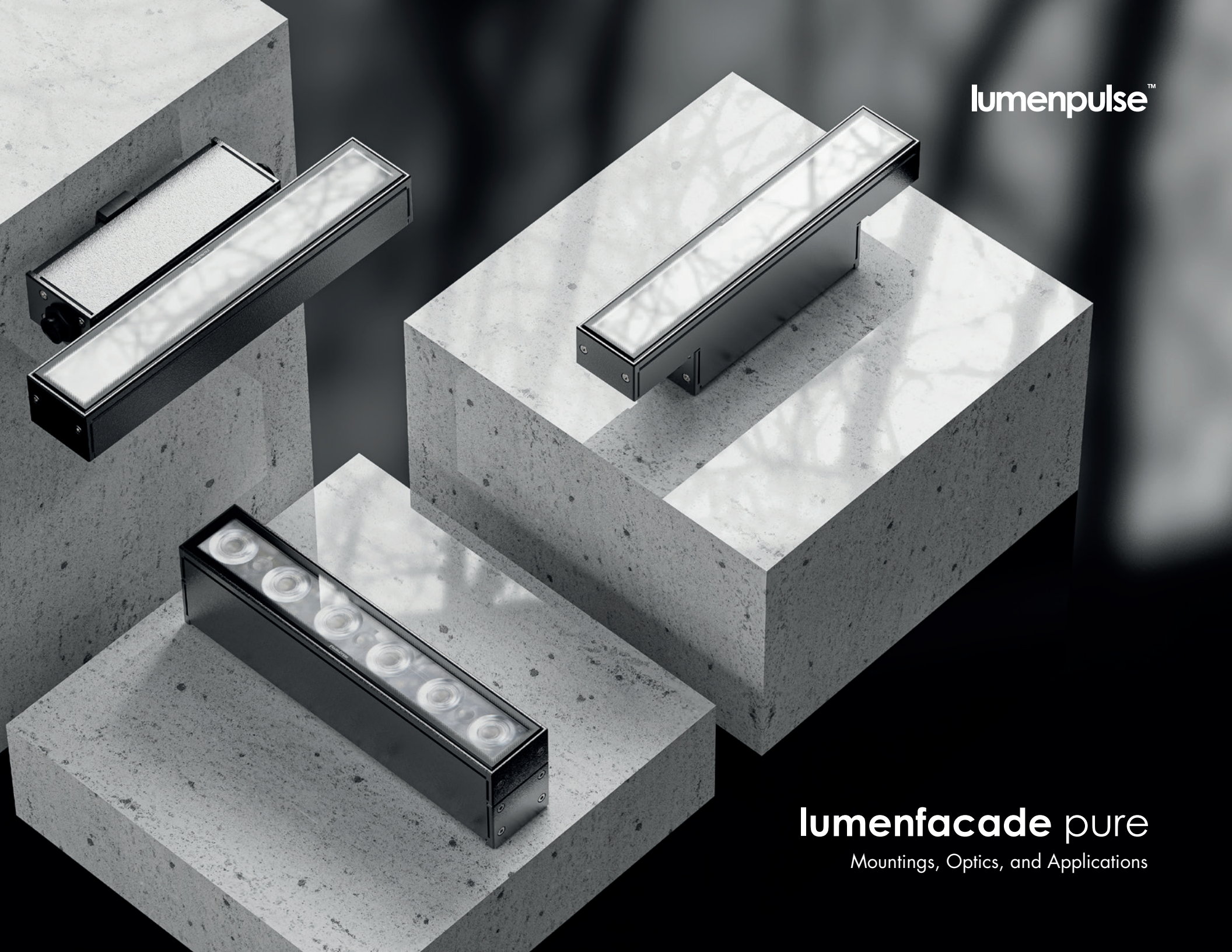


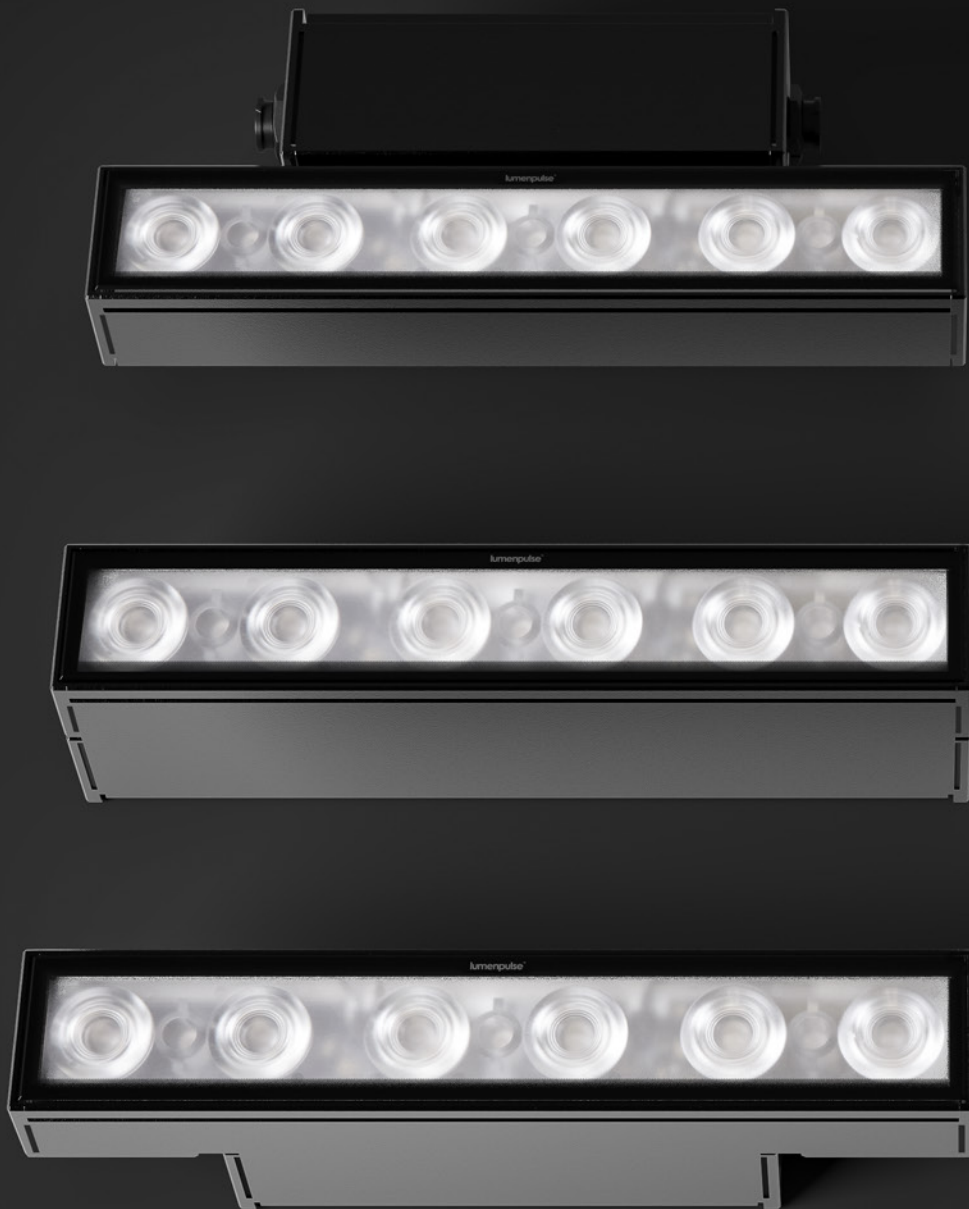
**lumenpulse™**



**lumenfacade pure**

Mountings, Optics, and Applications





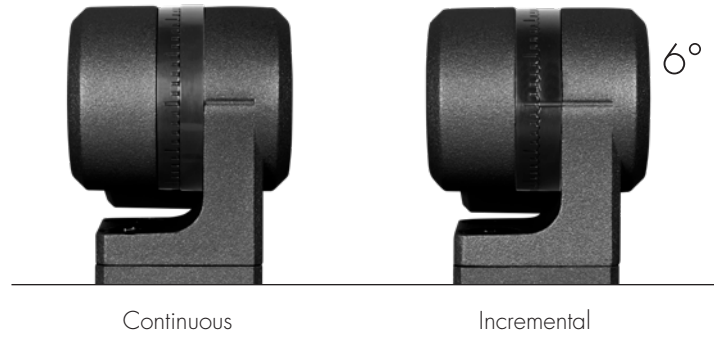
## Form + Function

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.



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

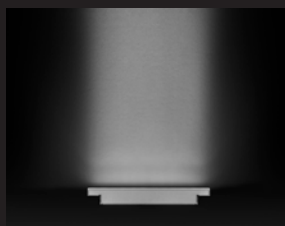


Half-Frosted



Frosted





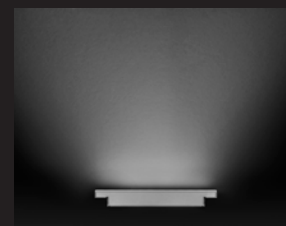
8° x 8°



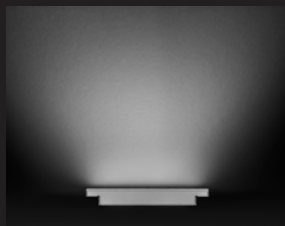
10° x 10°



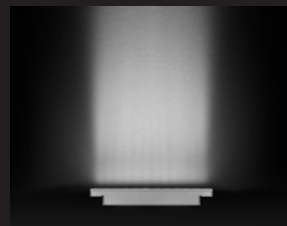
10° x 30°



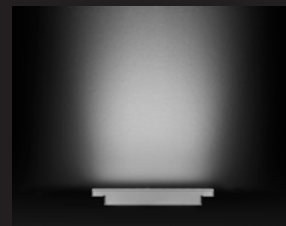
10° x 60°



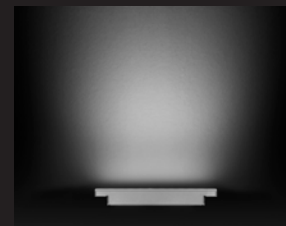
10° x 90°



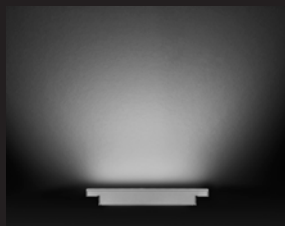
30° x 10°



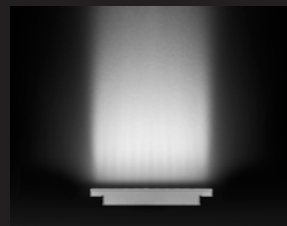
30° x 30°



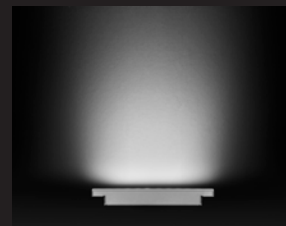
30° x 60°



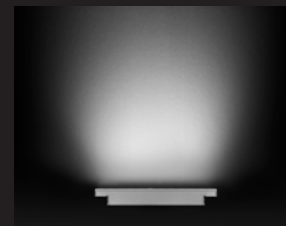
30° x 90°



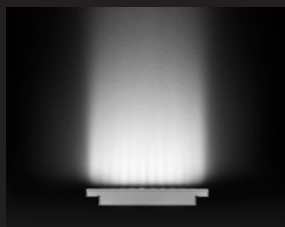
60° x 10°



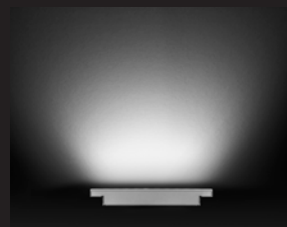
60° x 30°



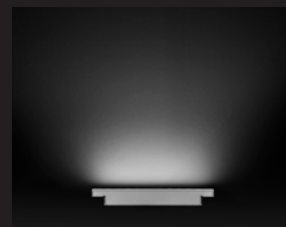
60° x 60°



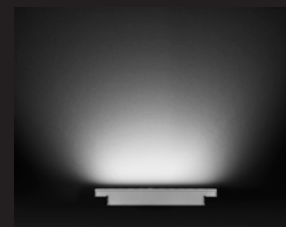
90° x 10°



90° x 90°



Ceiling Asymmetric



Wide 120°

Real images of fixture, 100mm from black wall.



Half-Frosted



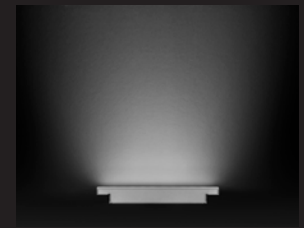
8° x 8°



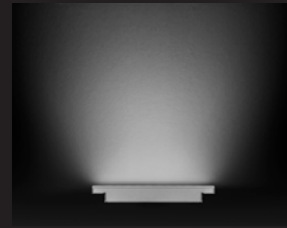
10° x 10°



10° x 30°



10° x 60°



10° x 90°



Narrow Asymmetric



Asymmetric Wallwash

# Pristine Precision

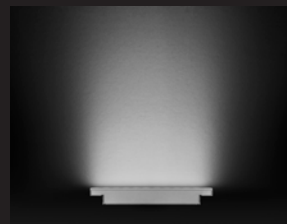
Lumenpulse's optimized optics put light exactly where you want and need it, regardless of the application.

Real images of fixture, 100mm from black wall.

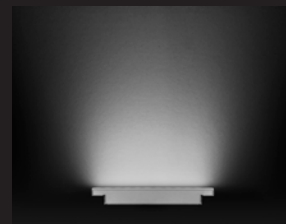
Frosted



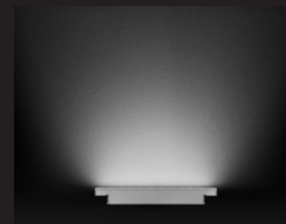
8° x 8°



10° x 10°



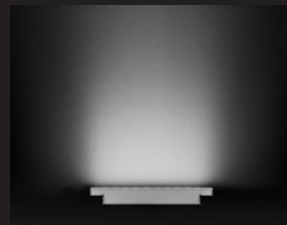
10° x 30°



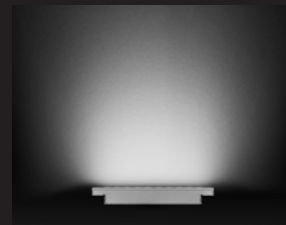
10° x 60°



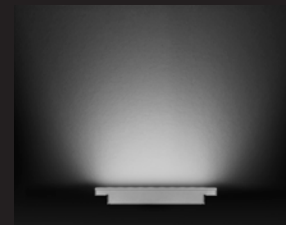
10° x 90°



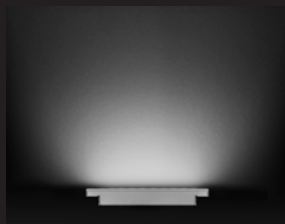
30° x 10°



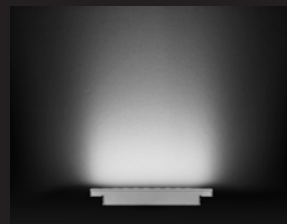
30° x 30°



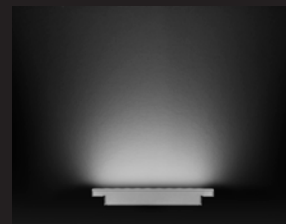
30° x 60°



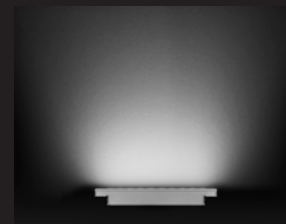
30° x 90°



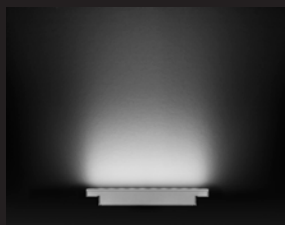
60° x 10°



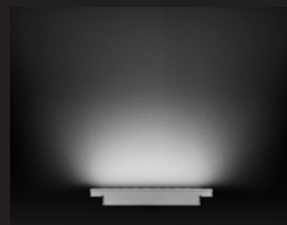
60° x 30°



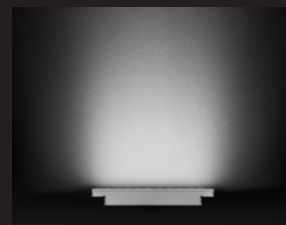
60° x 60°



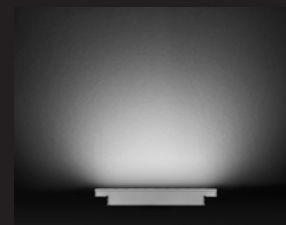
90° x 10°



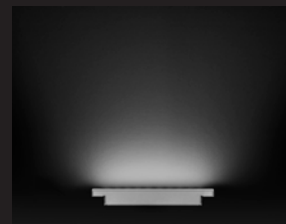
90° x 90°



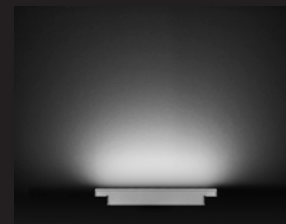
Narrow Asymmetric



Asymmetric Wallwash



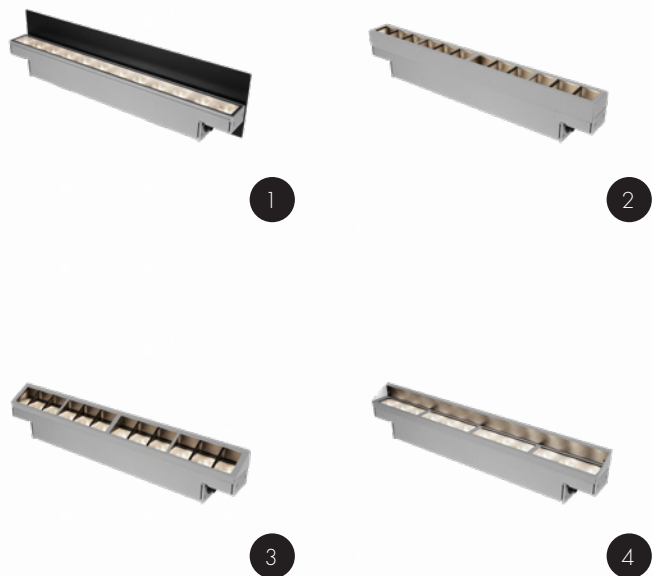
Ceiling Asymmetric



Wide 120°

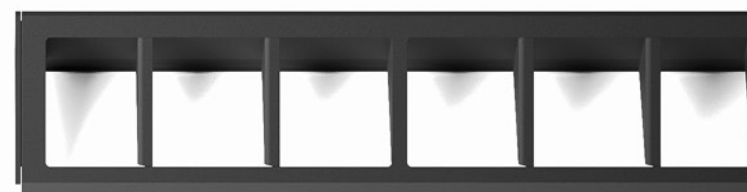
Real images of fixture, 100mm from black wall.

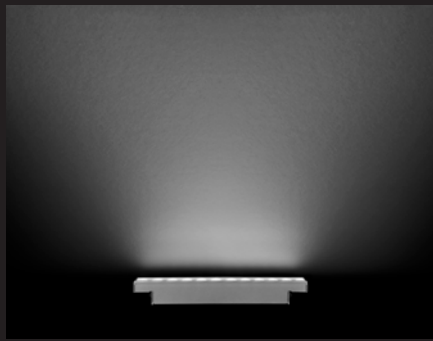




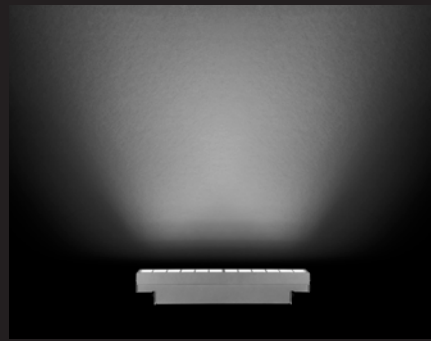
# Integrated Accessories

Optimally designed, seamless accessories ensure precision optical performance.

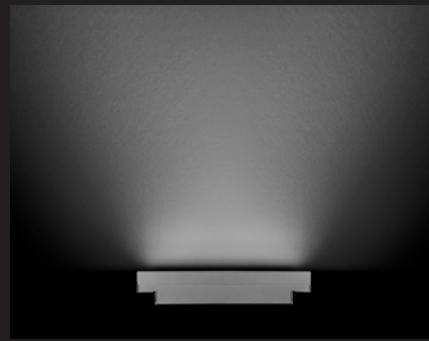




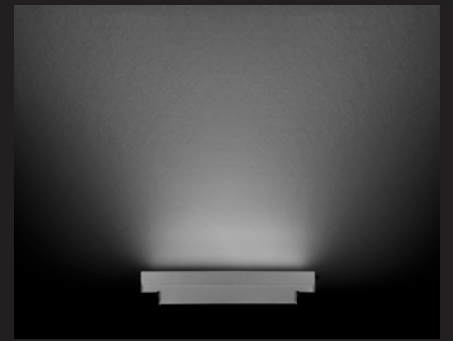
10°×60°



10°×60° + Radial Louvre



10°×60° + Radial Louvre Asymmetric



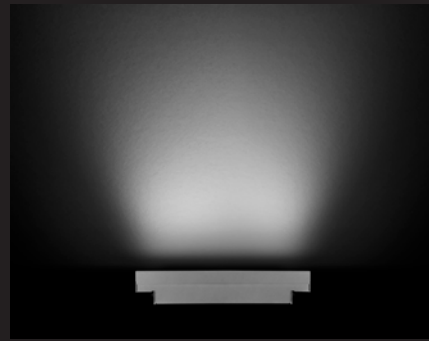
10°×60° + Visor



60°×60°



60°×60° + Radial Louvre



60°×60° + Radial Louvre Asymmetric



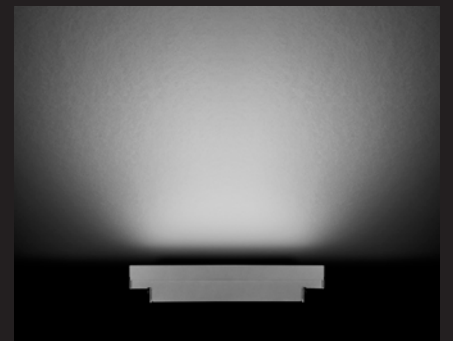
60°×60° + Visor



Asymmetric Wallwash



Asymmetric Wallwash + Radial Louvre Asymmetric



Asymmetric Wallwash + Visor

Real images of fixture, 100mm from black wall.





# The Right Amount of Light

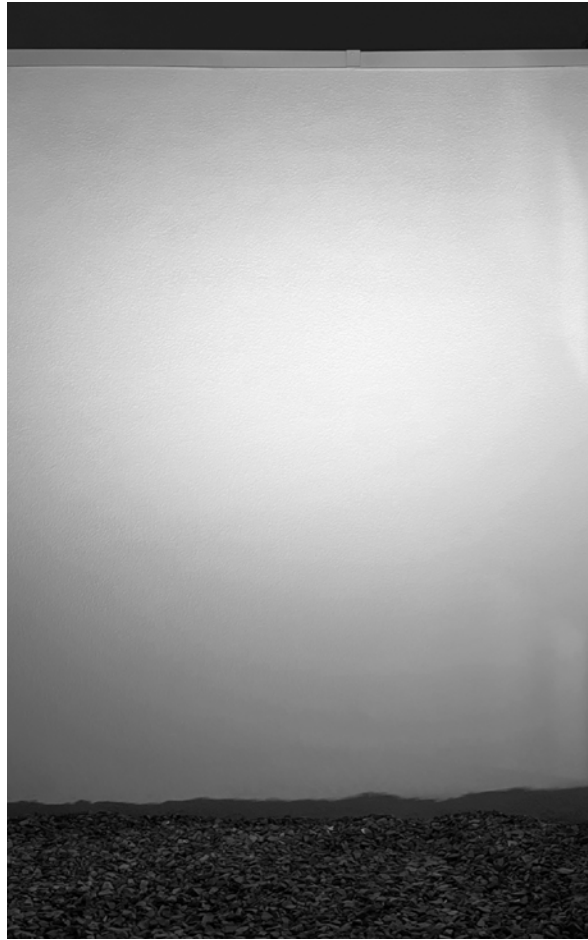
Lumenpulse's industry-leading binning provides a 2-Step MacAdam ellipse and a CRI 80+ colour consistency to create a singular and distinct quality of light. The Lumenfacade Pure uses Lumenpulse's award-winning binning strategy to uphold a uniform lighting aesthetic across entire projects and applications.

Please consult factory for additional colour 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

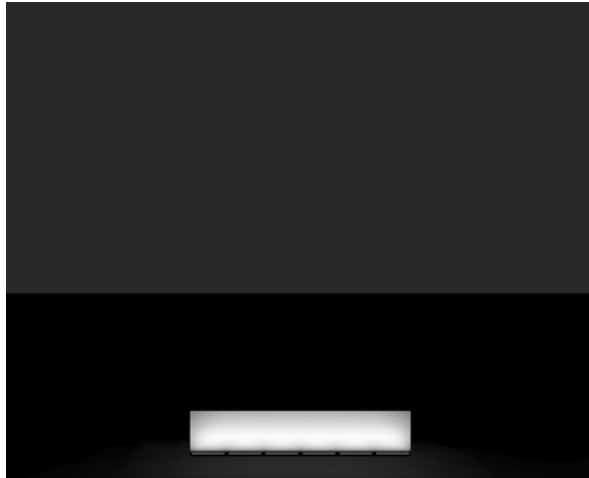
Graze lighting, or wall grazing, is directional light at an acute angle, which emphasises textured surfaces and adds a third dimension to a façade. When grazing, luminaires must be mounted extremely close to the building surface, with precise optical control creating a continuous narrow blade of light. 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°

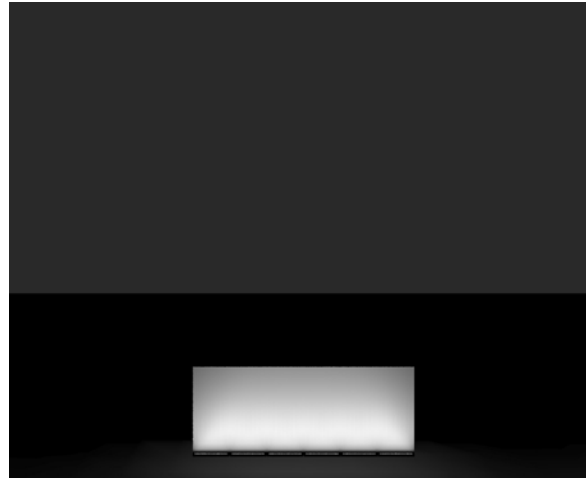


# Grazing Distributions



**1525mm-High Wall**

LFP 1220mm 3.75W 40K 10°×90° HFR (end-to-end)  
Setback: 125mm



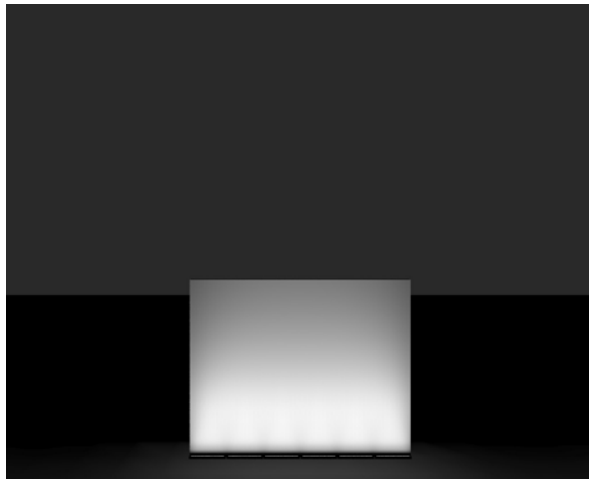
**3050mm-High Wall**

LFP 1220m 3.75W 40K 10°×60° HFR (end-to-end)  
Setback: 150mm



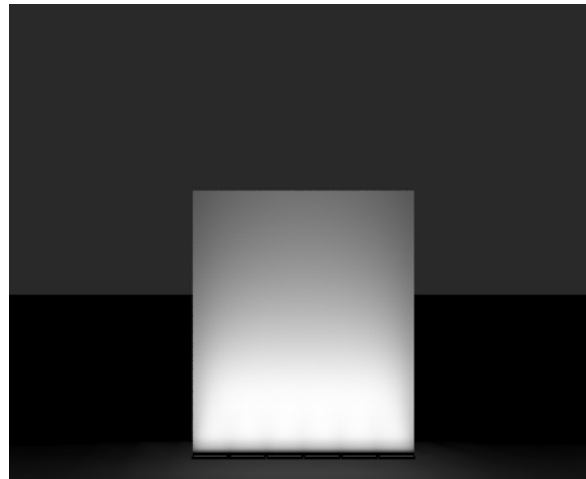
**4575mm-High Wall**

LFP 1220m 10W 40K 10°×60° HFR (end-to-end)  
Setback: 230mm



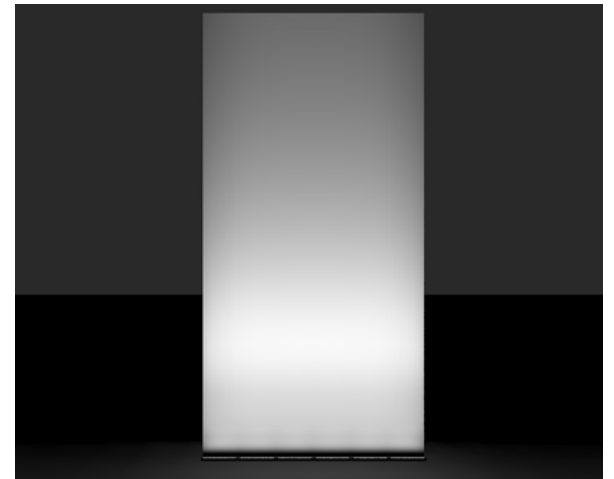
**6100mm-High Wall**

LFP 1220m 10W 40K 10°×30° HFR (end-to-end)  
Setback: 230mm



**9145mm-High Wall**

LFP 1220m 17W 40K 10°×30° HFR (end-to-end)  
Setback: 305mm



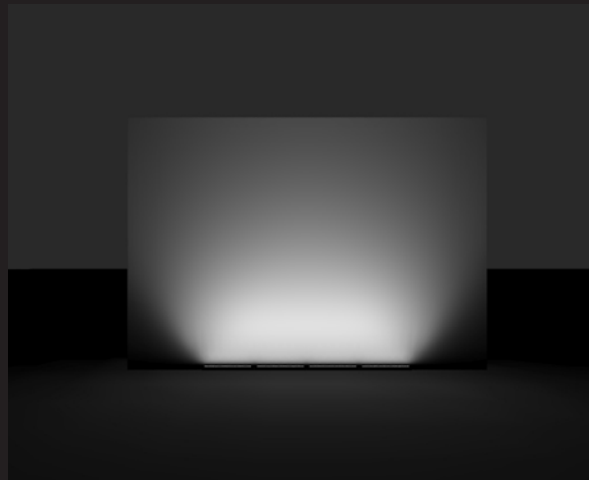
**15240mm-High Wall**

LFP 1220m 17W 40K 10°×10° CL (end-to-end)  
Setback: 460mm



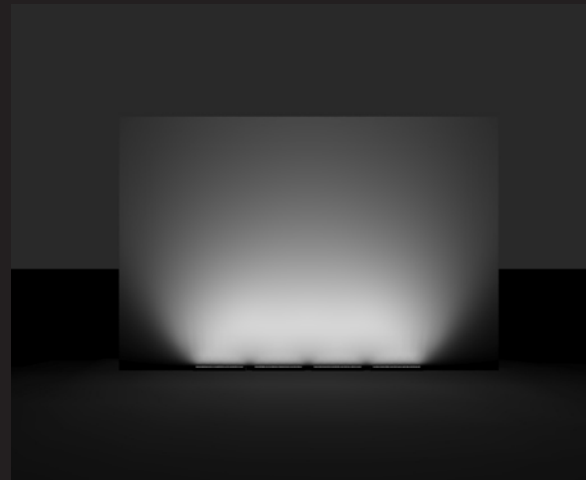
# Graze Spacing

Wall height: 6100mm | Setback: 150mm | Fixtures: LFP 1220mm-17W-40K-10x60-CL



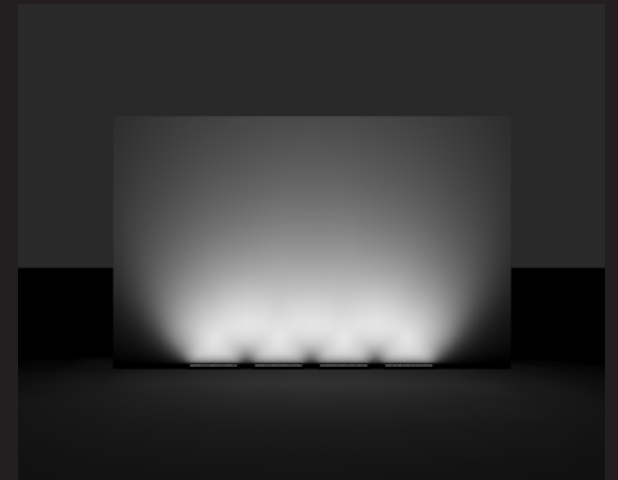
## Minimum Spacing

Spacing between fixtures is 9mm.



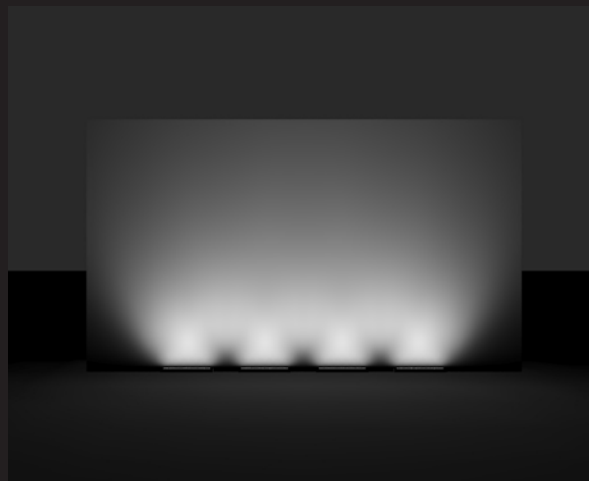
## 150mm Spacing

Spacing between fixtures is 150mm.



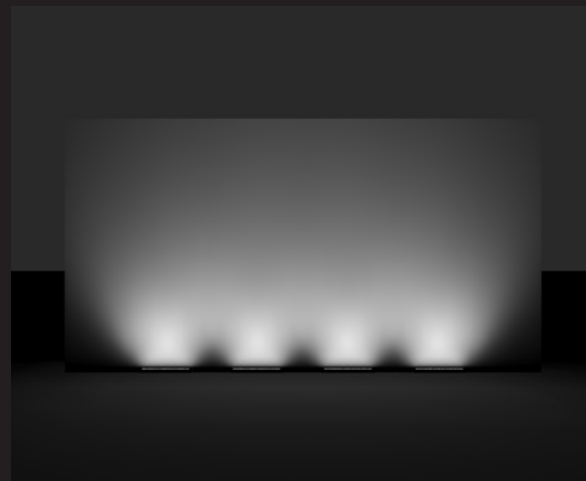
## 305mm Spacing

Spacing between fixtures is 305mm.



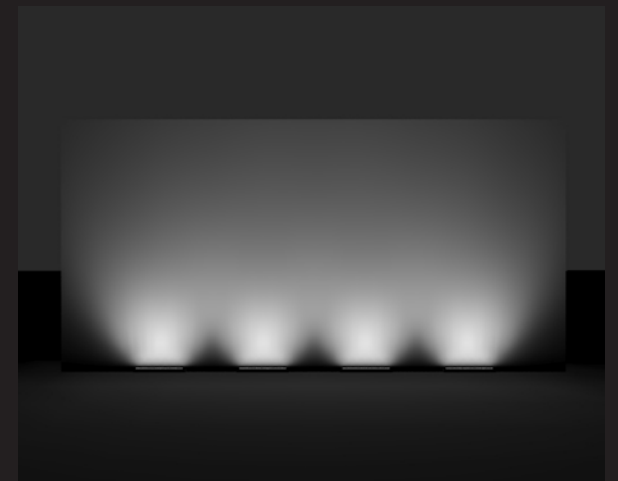
## 610mm Spacing

Spacing between fixtures is 610mm.



## 915mm Spacing

Spacing between fixtures is 915mm.



## 1220mm Spacing

Spacing between fixtures is 1220mm.



# 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°

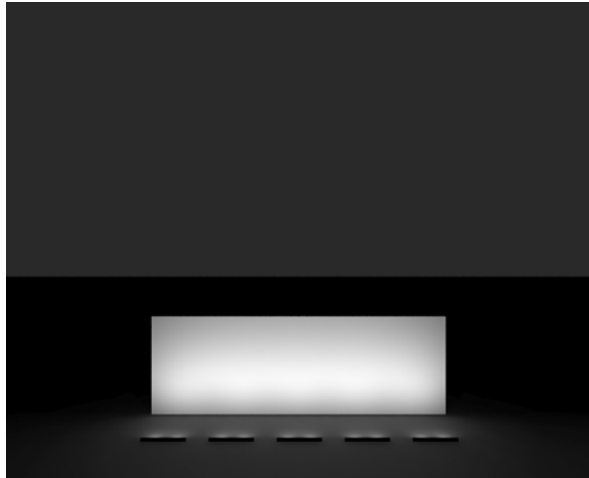
30° x 60°

60° x 60°

90° x 90°

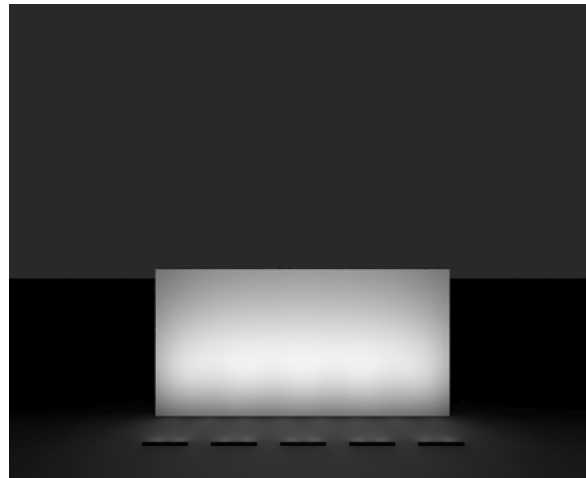
Wallwash

# Flooding Distributions



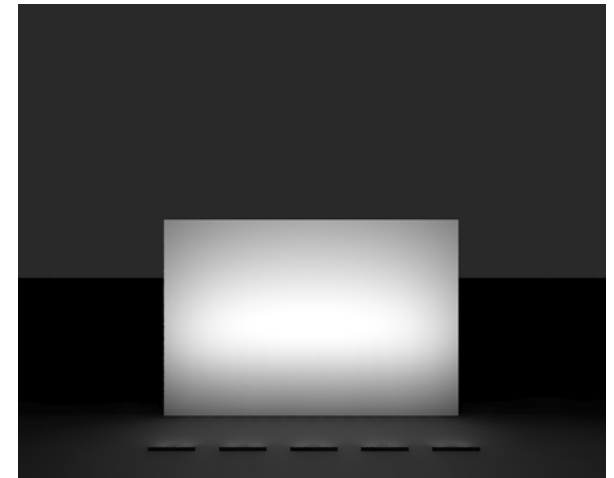
**3050mm-High Wall**

LFP 1220mm 3.75W 40K 90°×90° FR  
Spacing: 610mm | Setback: 1830mm



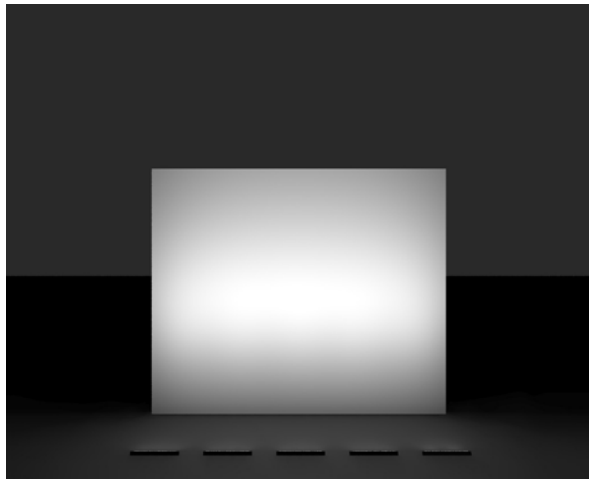
**4575mm-High Wall**

LFP 1220mm 3.75W 40K 60°×60° FR  
Spacing: 610mm | Setback: 1980mm



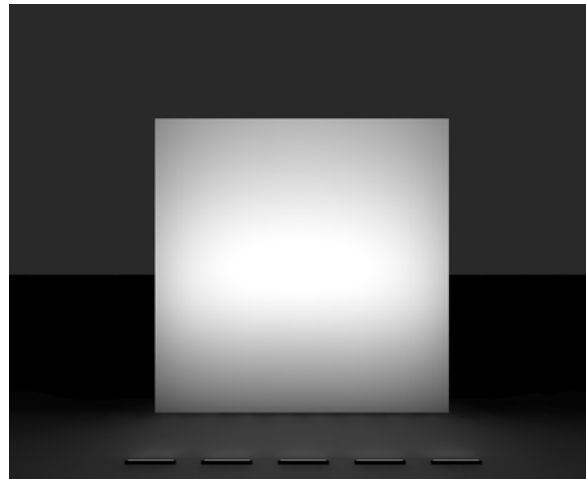
**6100mm-High Wall**

LFP 1220mm 10W 40K 30°×60° FR  
Spacing: 610mm | Setback: 2285mm



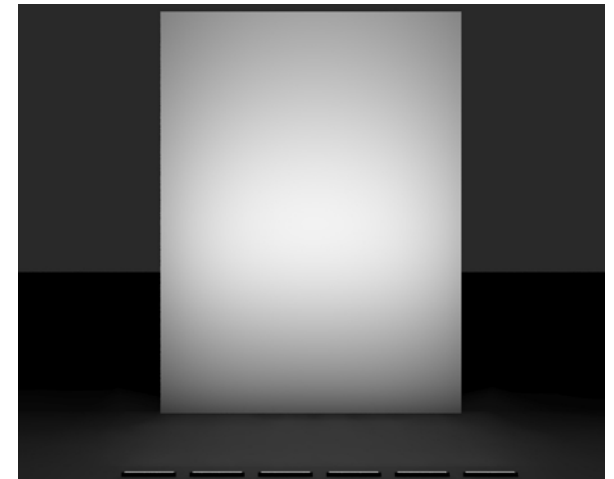
**7620mm-High Wall**

LFP 1220mm 10W 40K 30°×30° FR  
Spacing: 2610mm | Setback: 2590mm



**9145mm-High Wall**

LFP 1220mm 17W 40K 30°×30° FR  
Spacing: 610mm | Setback: 3050mm



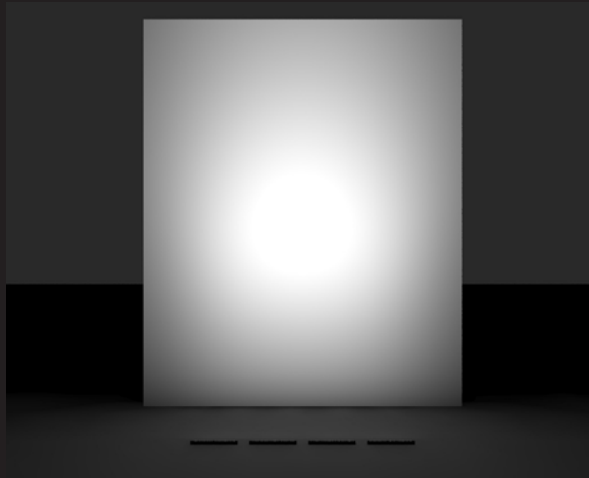
**12190mm-High Wall**

LFP 1220mm 17W 40K 30°×30° FR  
Spacing: 305mm | Setback: 3500mm



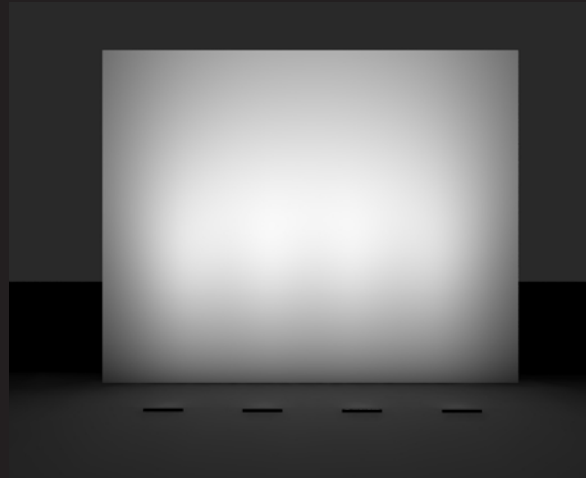
# Flood Spacing

Wall height: 12190mm | Setback:3500mm | Fixtures: LFP-1220mm-17W-40K-30x30-FR



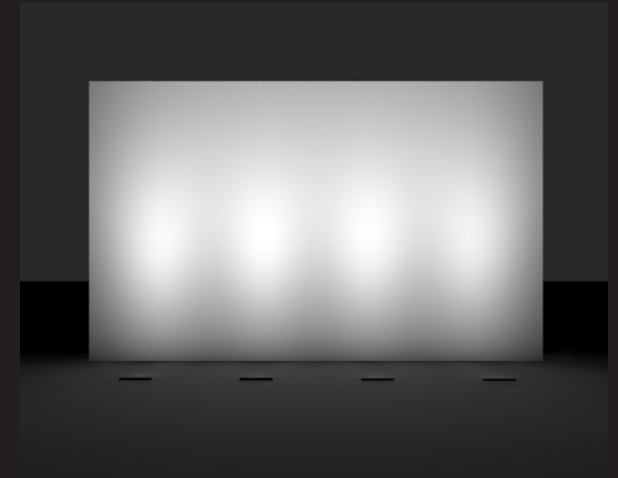
## 305mm Spacing

Spacing between fixtures is 305mm.



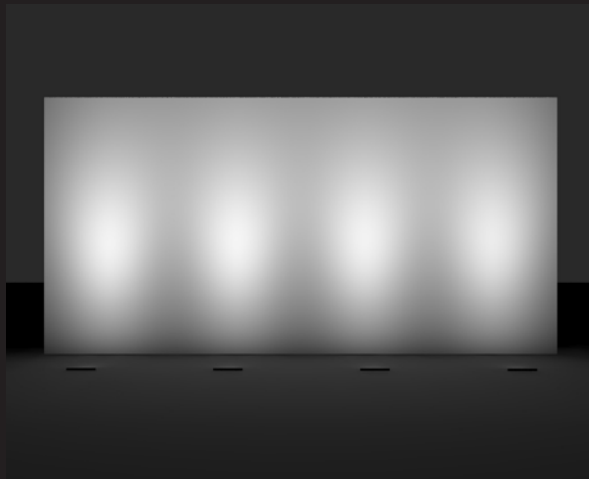
## 1830mm Spacing

Spacing between fixtures is 1830mm.



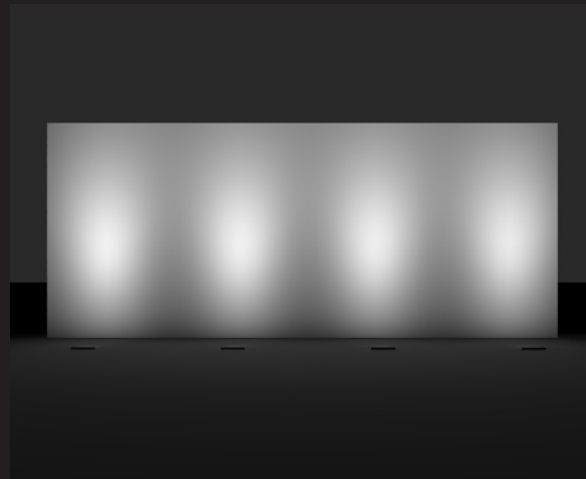
## 3350mm Spacing

Spacing between fixtures is 3350mm.



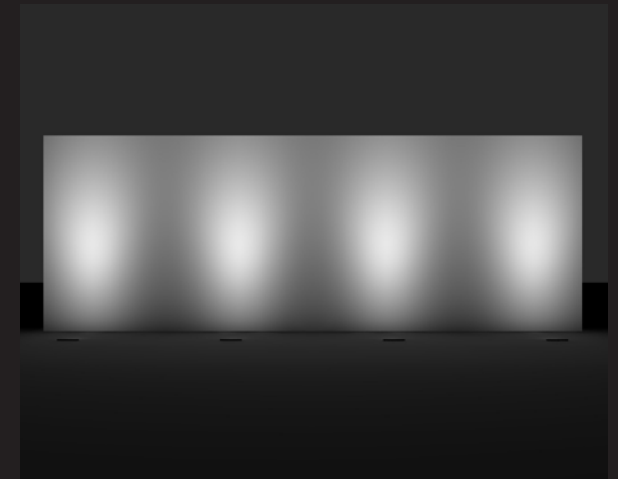
## 4875mm Spacing

Spacing between fixtures is 4875mm.



## 6400mm Spacing

Spacing between fixtures is 6400mm.



## 7925mm Spacing

Spacing between fixtures is 7925mm.



# 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



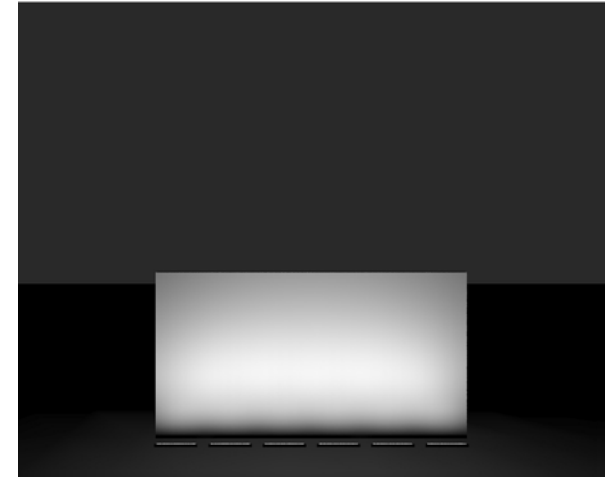
**2400mm-High Wall**

LFP 1220mm 3.75W 40K WW HFR  
Spacing: 150mm | Setback: 305mm



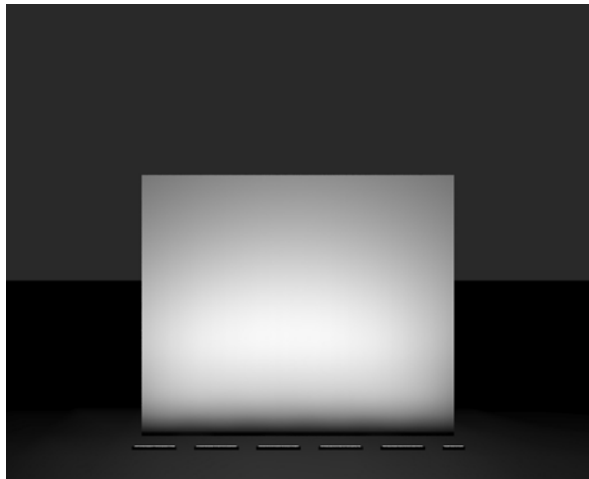
**3650mm-High Wall**

LFP 1220mm 10W 40K WW HFR  
Spacing: 230mm | Setback: 460mm



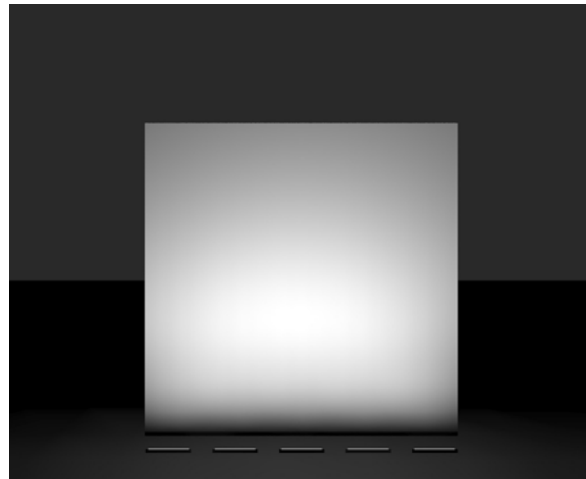
**4875mm-High Wall**

LFP 1220mm 10W 40K WW HFR  
Spacing: 305mm | Setback: 610mm



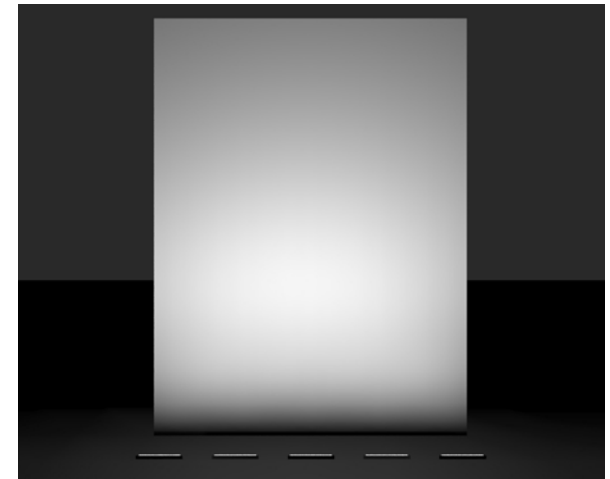
**7620mm-High Wall**

LFP 1220mm 17W 40K WW HFR  
Spacing: 480mm end-to-end | Setback: 965mm



**9145mm-High Wall**

LFP 1220mm 17W 40K WW HFR  
Spacing: 560mm end-to-end | Setback: 1145mm

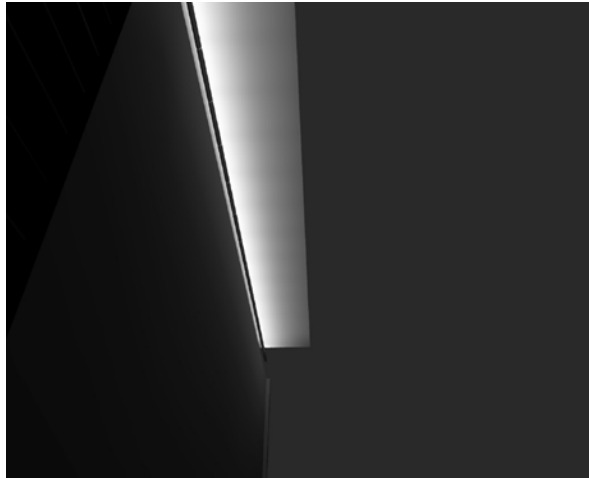


**12190mm-High Wall**

LFP 1220mm 17W 40K WW HFR  
Spacing: 760mm end-to-end | Setback: 1525mm

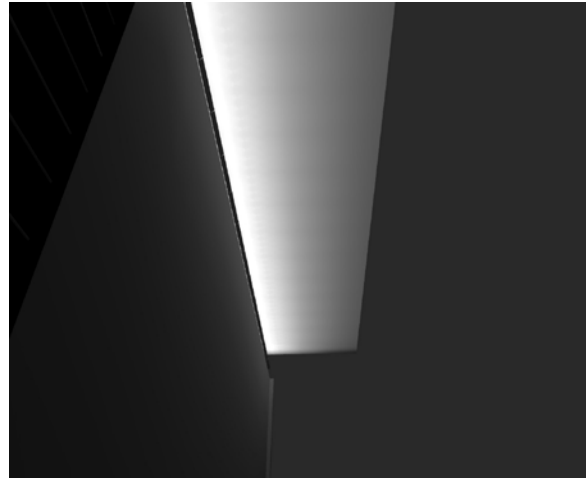


# Asymmetric Examples



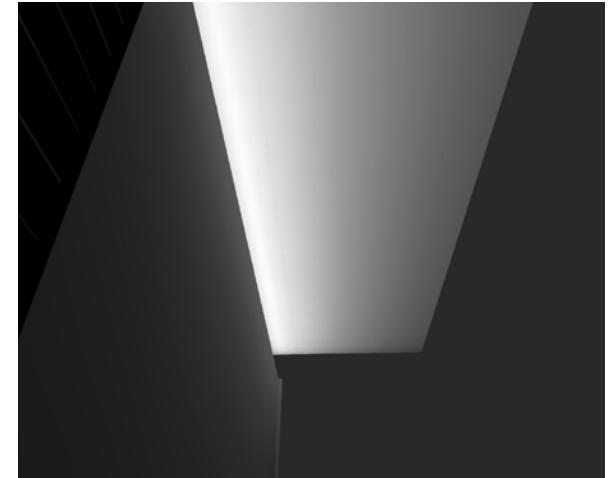
**1830mm Canopy**

LFP 1220mm 3.75W 40K CAS CL  
No space between fixtures | Setback: 380mm



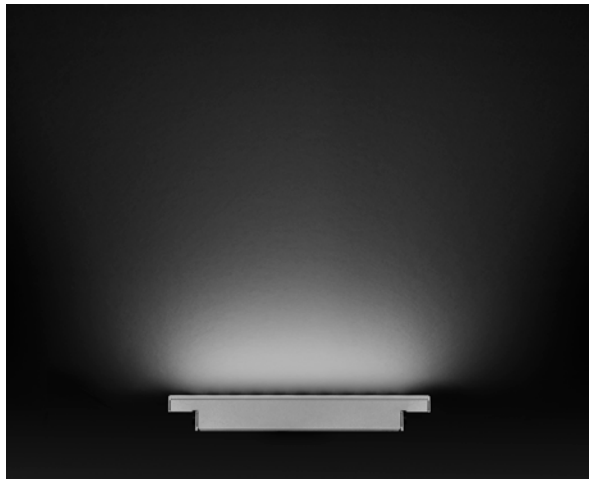
**3660mm Canopy**

LFP 1220mm 3.75W 40K CAS CL  
No space between fixtures | Setback: 735mm



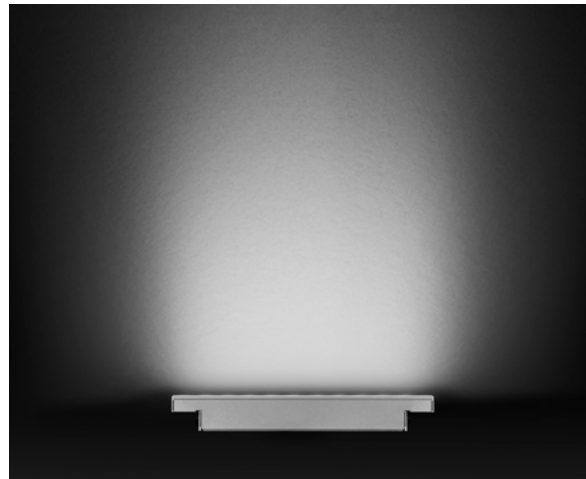
**6100mm Canopy**

LFP 1220mm 3.75W 40K CAS CL  
No space between fixtures | Setback: 1220mm



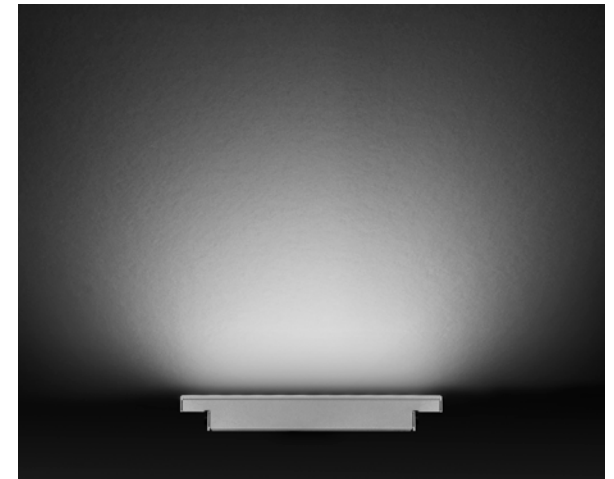
**Ceiling Asymmetric**

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



**Narrow Asymmetric**

1:12 setback ratio | 150mm minimum setback  
No space between fixtures

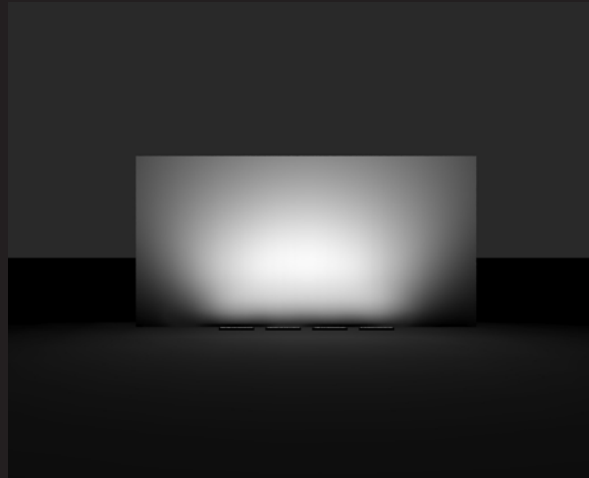


**Asymmetric Wallwash**

1:8 setback ratio | 150mm minimum setback  
Space between fixtures = 1/2 setback

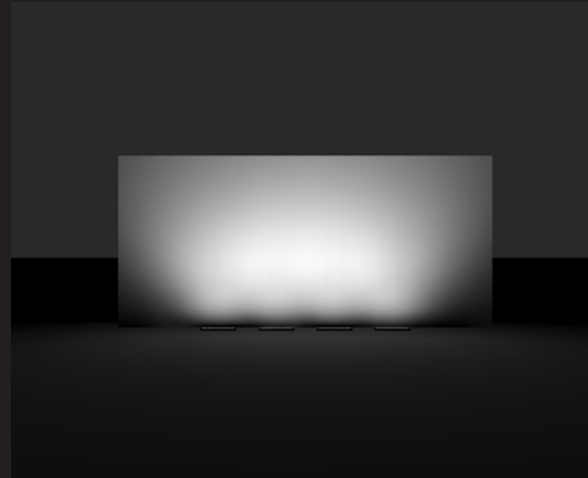
# Wallwash Spacing

Wall height: 6100mm | Setback: 760mm | Fixtures: LFP-1220mm-10W-40K-VVV-HFR



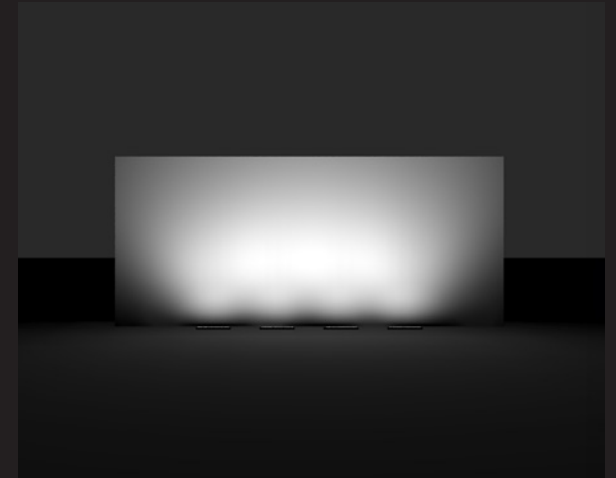
**380mm End-to-End**

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



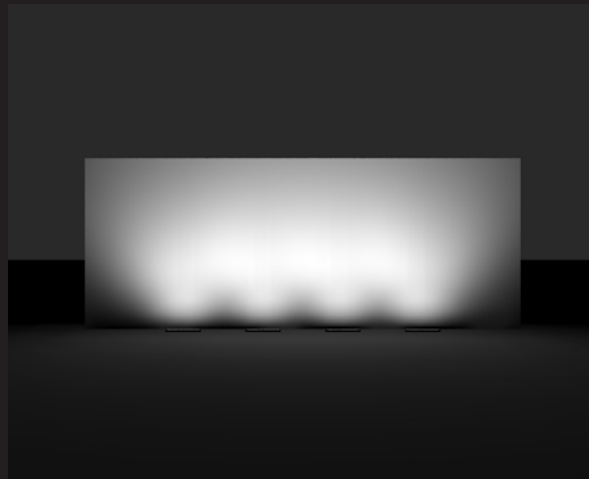
**760mm End-to-End**

2x recommended ratio



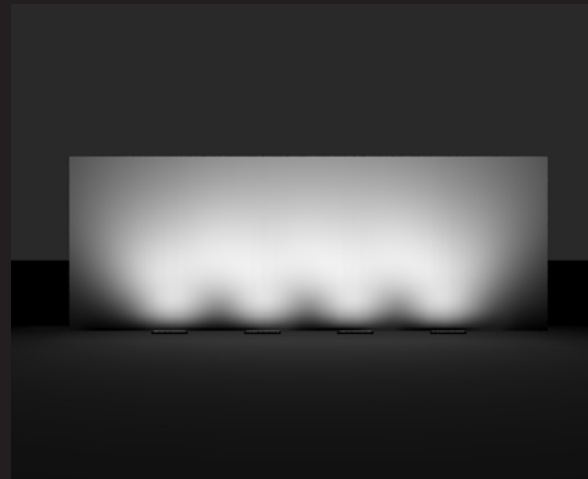
**1145mm End-to-End**

3x recommended ratio



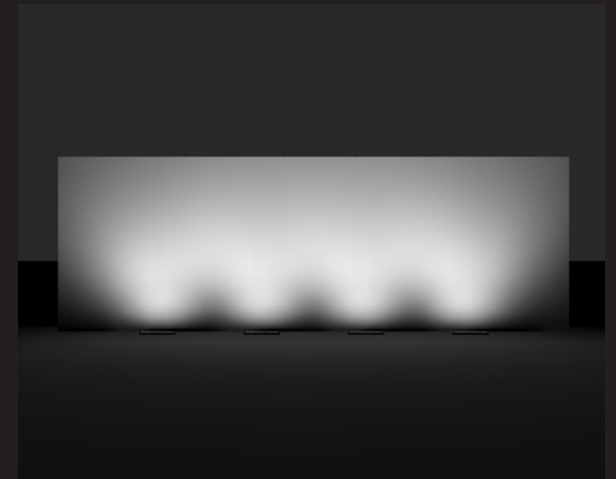
**1525mm End-to-End**

4x recommended ratio



**1900mm End-to-End**

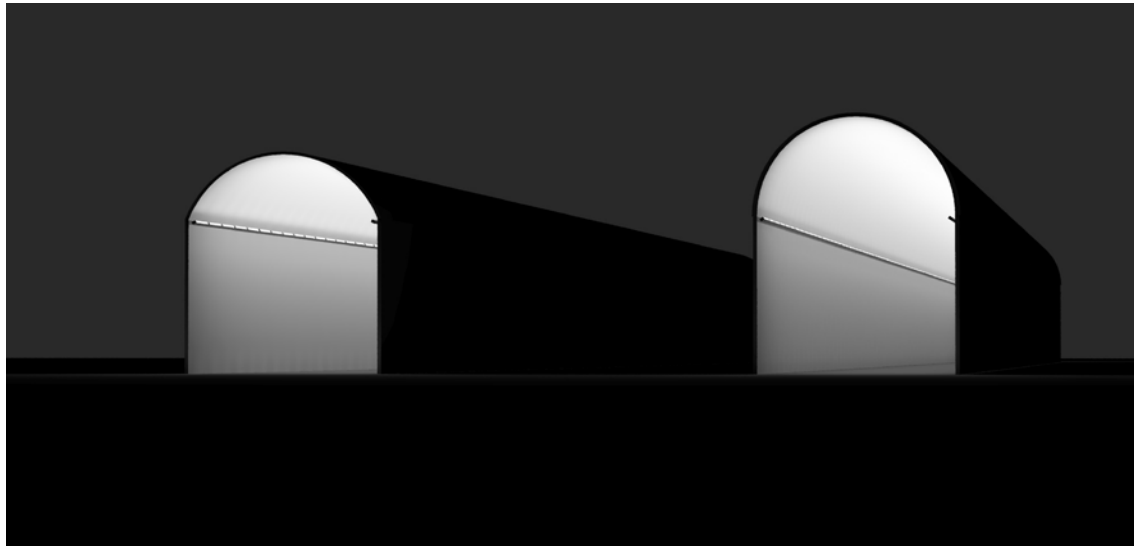
5x recommended ratio



**2285mm End-to-End**

6x recommended ratio

# Arch Examples

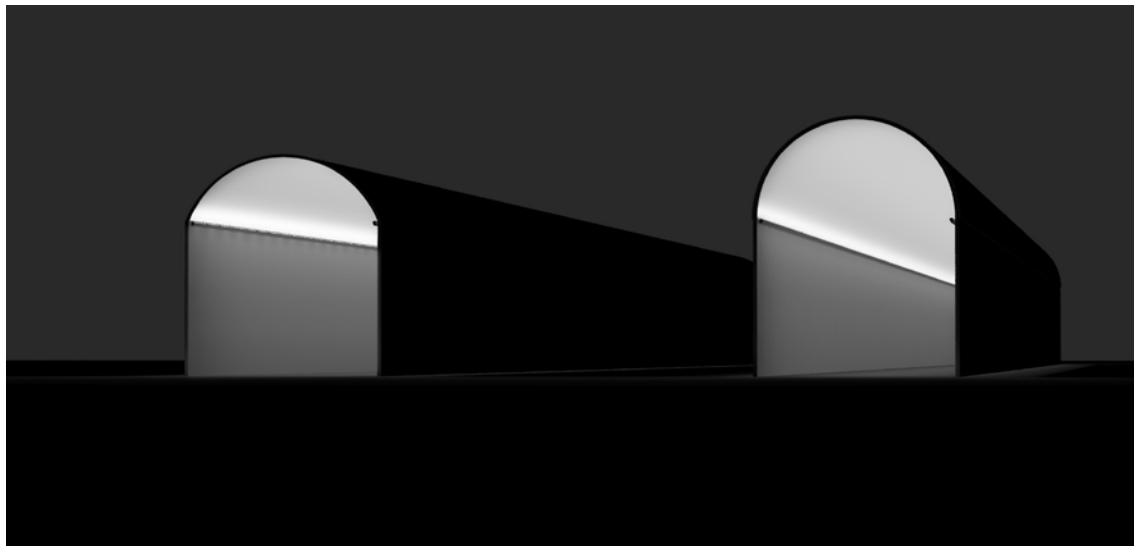
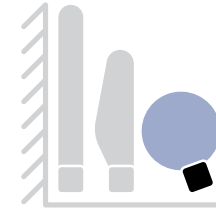


**Arched Ceiling | 4575mm W x 1525mm H LFP  
1220mm 17W 60° x 60° FR**

Setback: 660mm | Spacing: 305mm

**Arched Ceiling | 4575mm W x 2285mm H  
LFP 1220mm 17W 60° x 60° FR**

Setback: 660mm | Spacing: 305mm

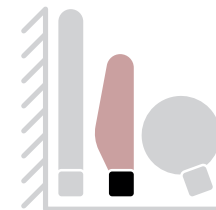


**Arched Ceiling | 4575mm W x 1525mm H  
LFP 1220mm 10W CAS FR**

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

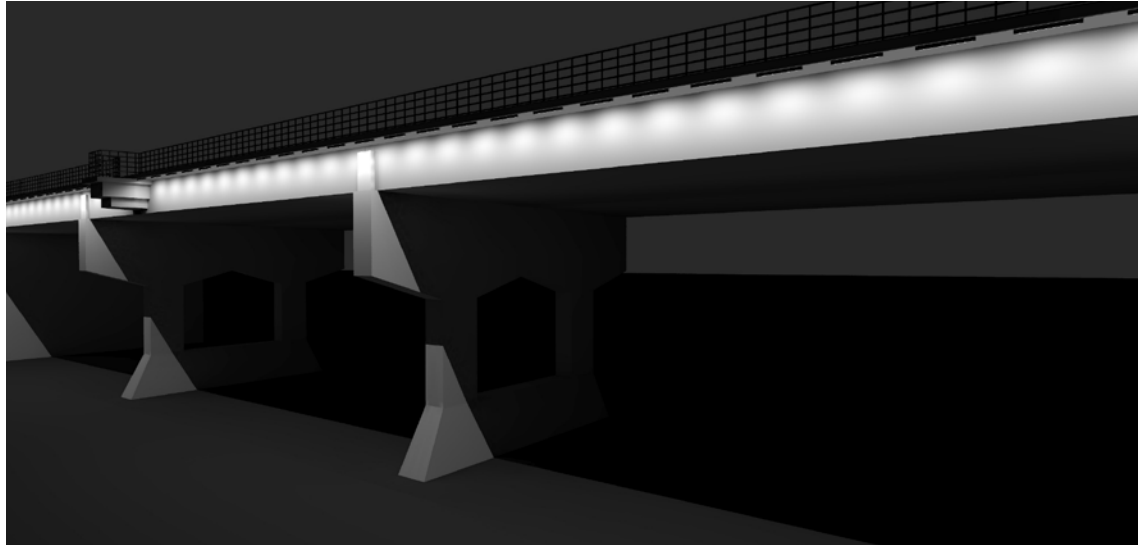
**Arched Ceiling | 4575mm W x 2285mm H  
LFP 1220mm 10W CAS FR**

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



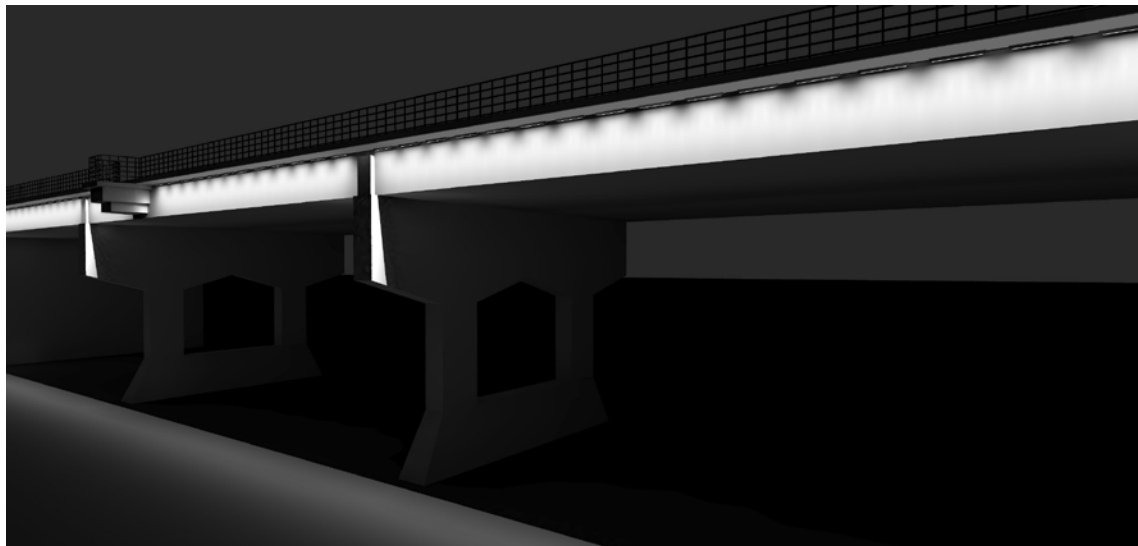


# Bridge Girder Examples



**Bridge Girder (1725mm high surface) | LFP 1220mm 3.75W W FR**

Setback: 1065mm | Spacing: 760mm

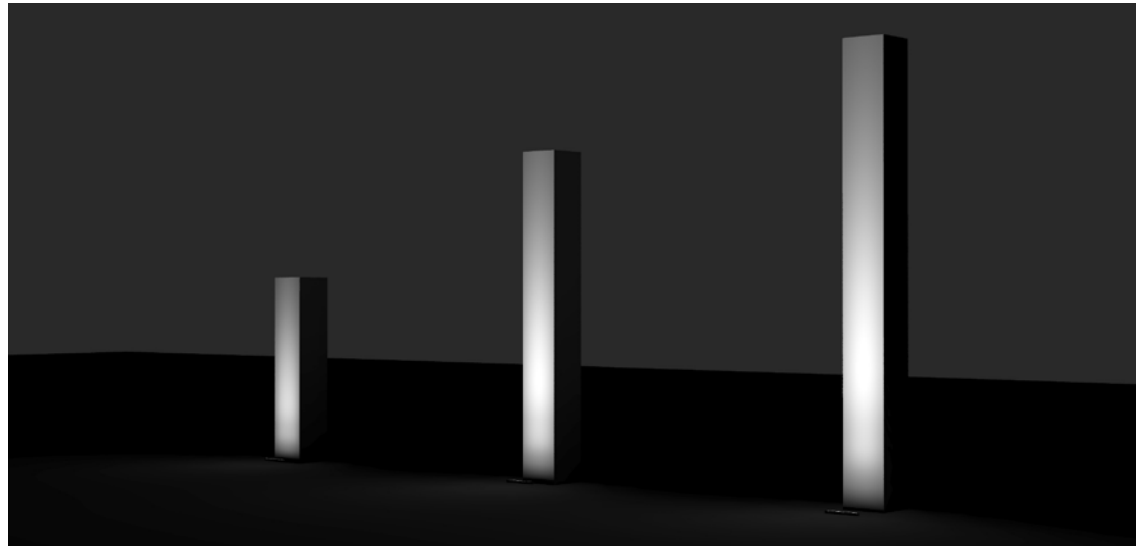


**Bridge Girder (1725mm high surface) | LFP 1220mm 3.75W 10° × 90° FR**

Setback: 230mm | Spacing: 460mm



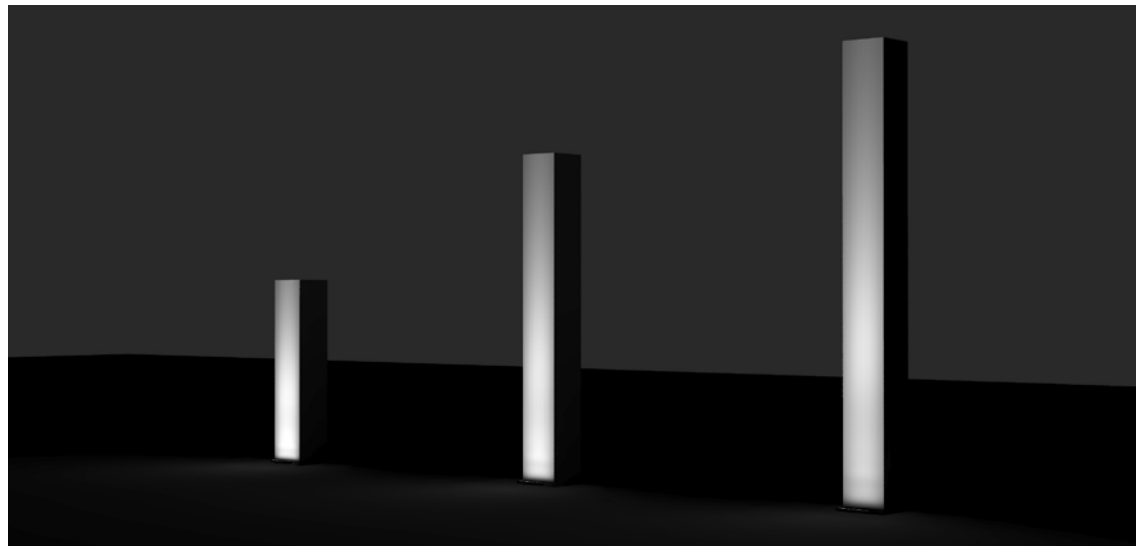
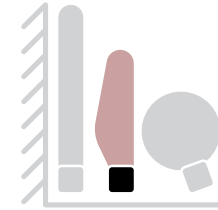
# Column Examples



**7620mm High Column**  
LFP 3.75W NAS HFR  
Setback: 2'-1"

**12190mm High Column**  
LFP 10W NAS HFR  
Setback: 635mm

**15240mm High Column**  
LFP 17W NAS HFR  
Setback: 1270mm



**7620mm High Column**  
LFP 10W 8°x8° HFR  
Setback: 305mm

**12190mm High Column**  
LFP 17W 8°x8° HFR  
Setback: 460mm

**15240mm High Column**  
LFP 17W 8°x8° HFR  
Setback: 610mm



# Sign Examples



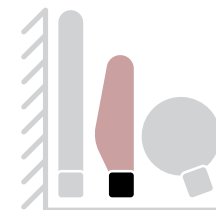
**5485mm W x 1830mm H**  
**LFP 1220mm 3.75W 30° x 90° FR**  
 Setback: 660mm | Spacing: 305mm

**610mm W x 1065mm H**  
**LFP 1220mm 3.75W 30° x 90° FR**  
 Setback: 660mm | Spacing: 305mm



**5485mm W x 1830mm H**  
**LFP 1220mm 3.75W WW HFR**  
 Setback: 1'-0" | Spacing: 0'-7"

**6100mm W x 1065mm H**  
**LFP 1220mm 3.75W WW HFR**  
 Setback: 305mm | Spacing: 100mm







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2025/02  
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