

lumenpulse™



lumenfacade pure
Mountings, Optics, and Applications



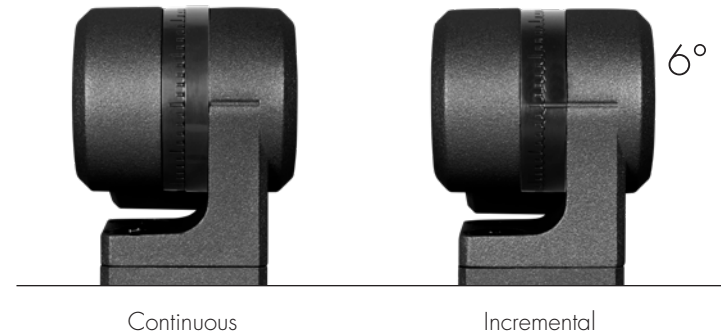
Form + Function

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



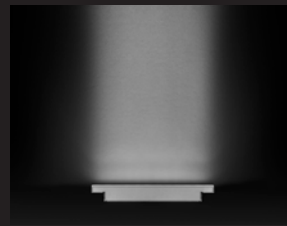
Half-Frosted



Frosted



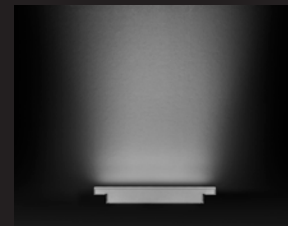
Clear



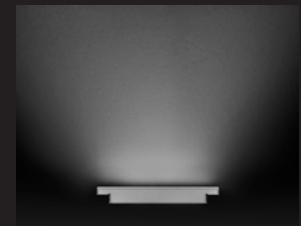
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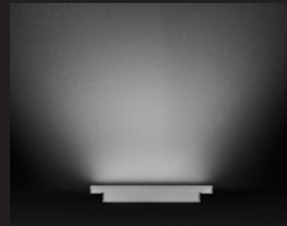
10° x 10°



10° x 30°



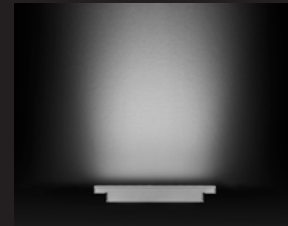
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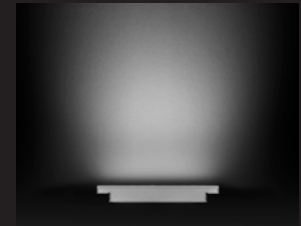
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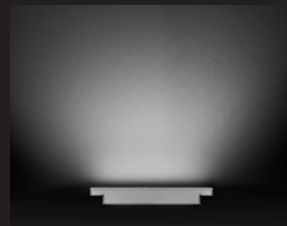
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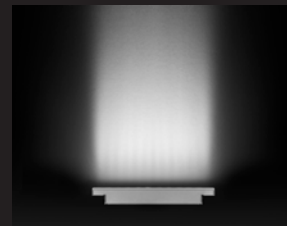
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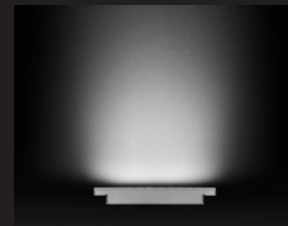
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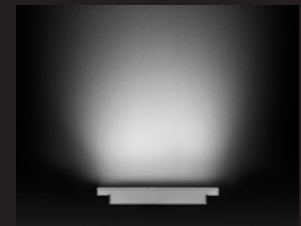
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60° x 10°



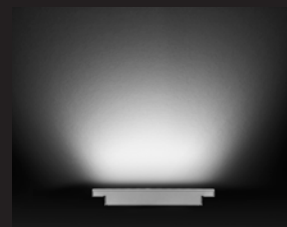
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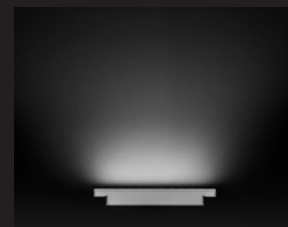
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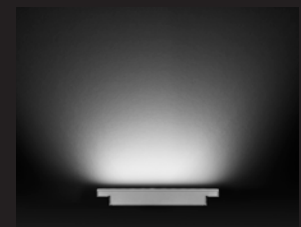
90° x 10°



90° x 90°



Ceiling Asymmetric



Wide 120°

Real images of fixture, 100mm from black wall.

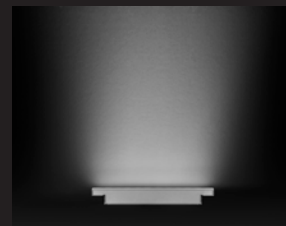
Half-Frosted



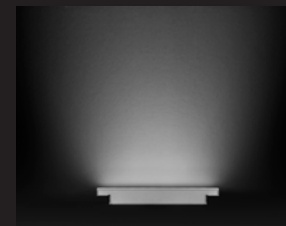
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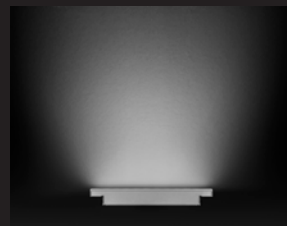
10° x 10°



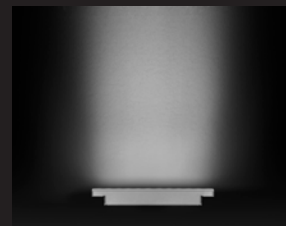
10° x 30°



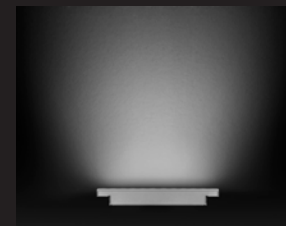
10° x 60°



10° x 90°



Narrow Asymmetric



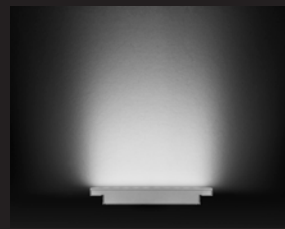
Asymmetric Wallwash

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.

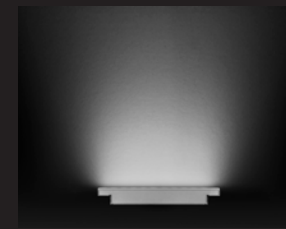
Frosted



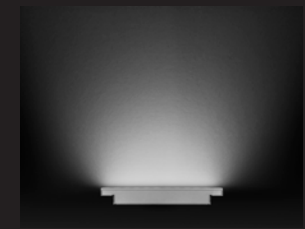
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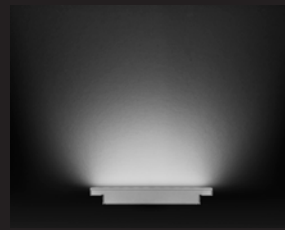
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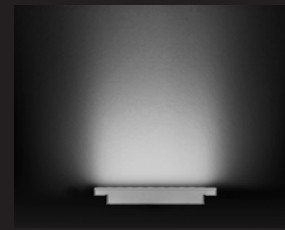
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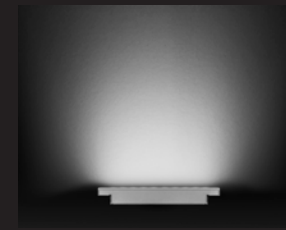
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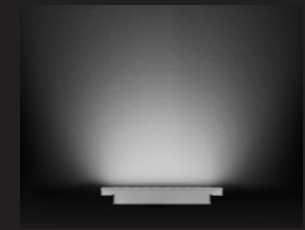
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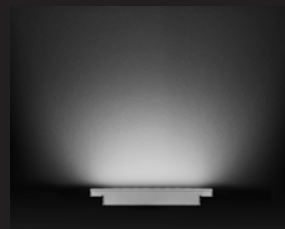
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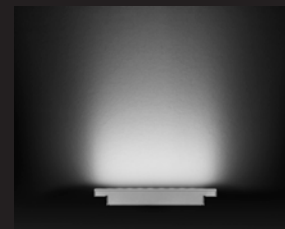
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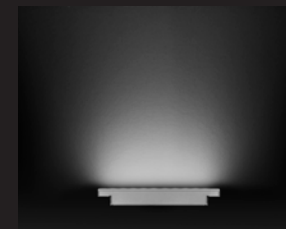
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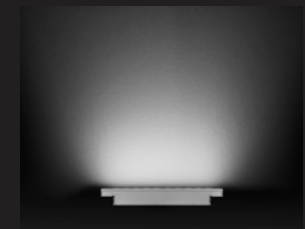
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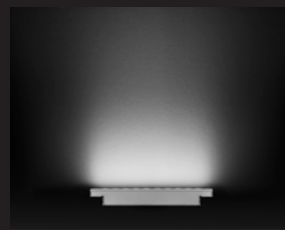
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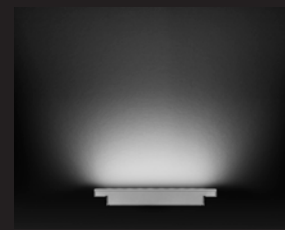
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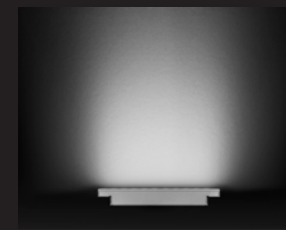
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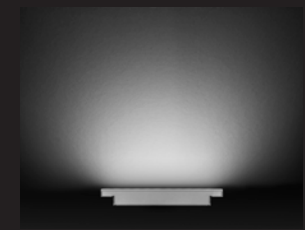
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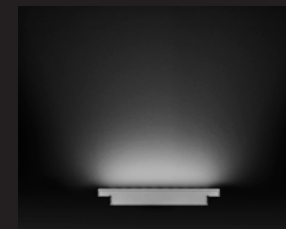
90° x 90°



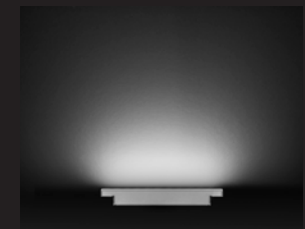
Narrow Asymmetric



Asymmetric Wallwash



Ceiling Asymmetric



Wide 120°

Real images of fixture, 100mm from black wall.



1



2



3



4

Integrated Accessories

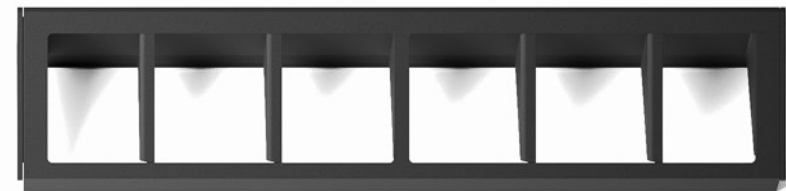
Optimally designed, seamless accessories ensure precision optical performance.



1. Shield



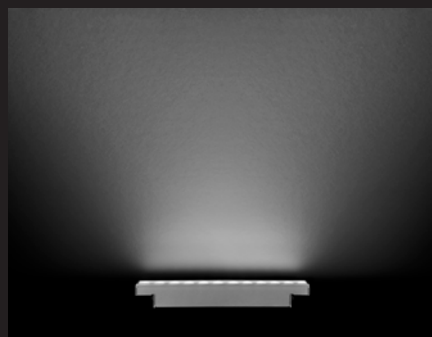
2. Radial Louvre



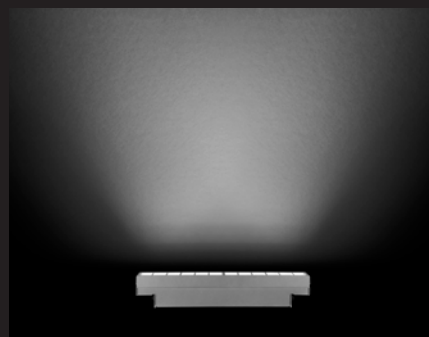
3. Radial Louvre Asymmetric



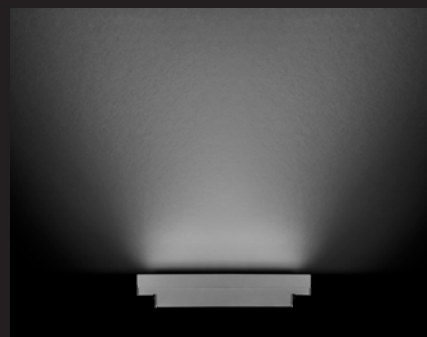
4. Visor



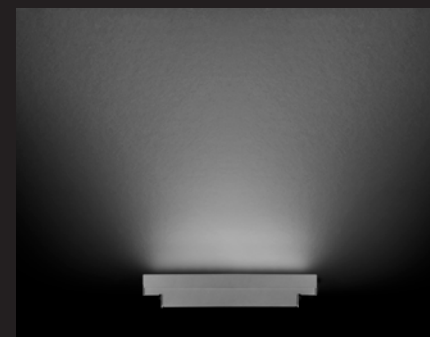
10°×60°



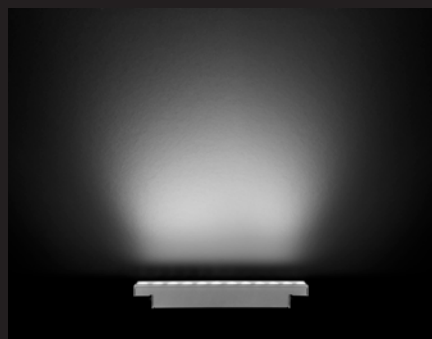
10°×60° + Radial Louvre



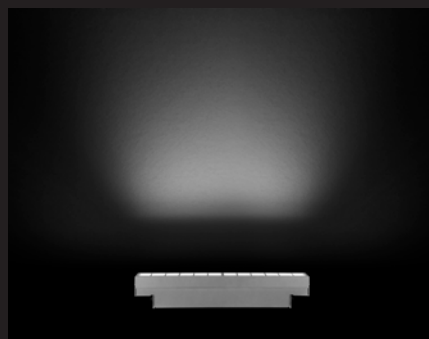
10°×60° + Radial Louvre Asymmetric



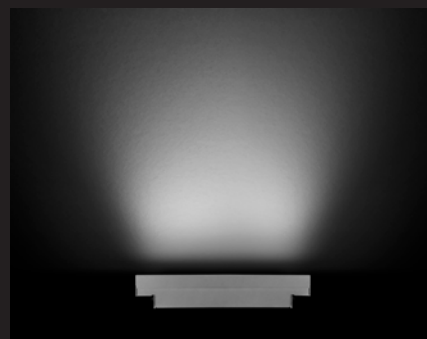
10°×60° + Visor



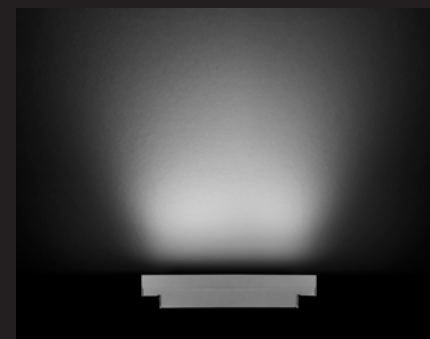
60°×60°



60°×60° + Radial Louvre



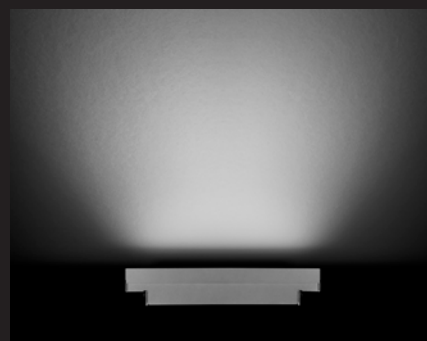
60°×60° + Radial Louvre Asymmetric



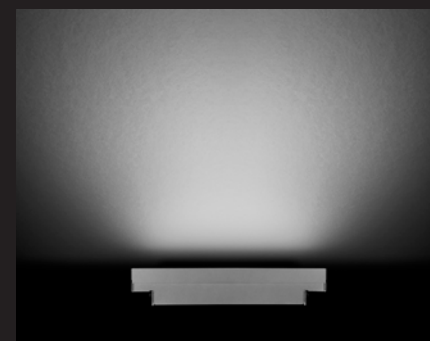
60°×60° + Visor



Asymmetric Wallwash



Asymmetric Wallwash + Radial Louvre Asymmetric



Asymmetric Wallwash + Visor

Real images of fixture, 100mm from black wall.



The Right Amount of Light

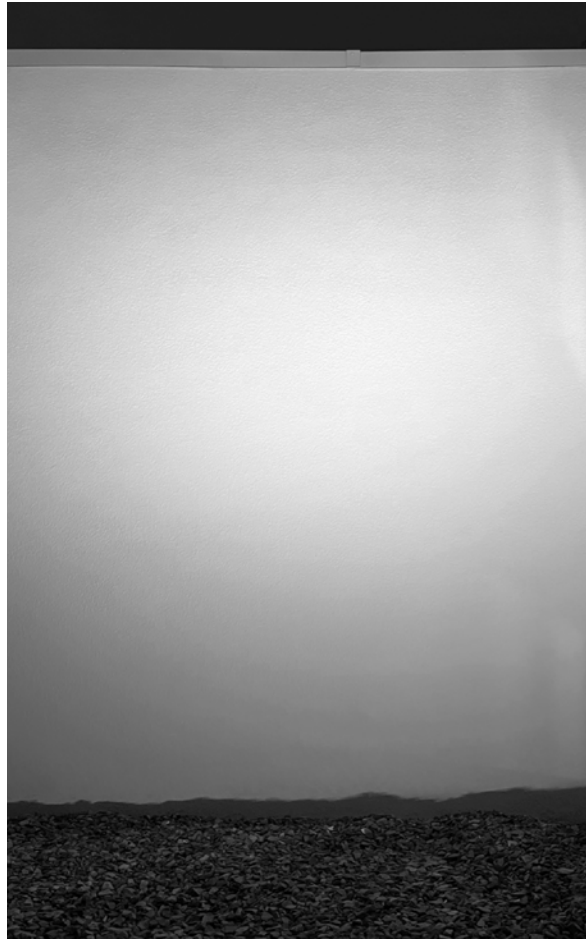
Lumenpulse's industry-leading binning provides a 2-Step MacAdam ellipse and a CRI 80+ colour consistency to create a singular and distinct quality of light. The Lumenfacade Pure uses Lumenpulse's award-winning binning strategy to uphold a uniform lighting aesthetic across entire projects and applications.

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

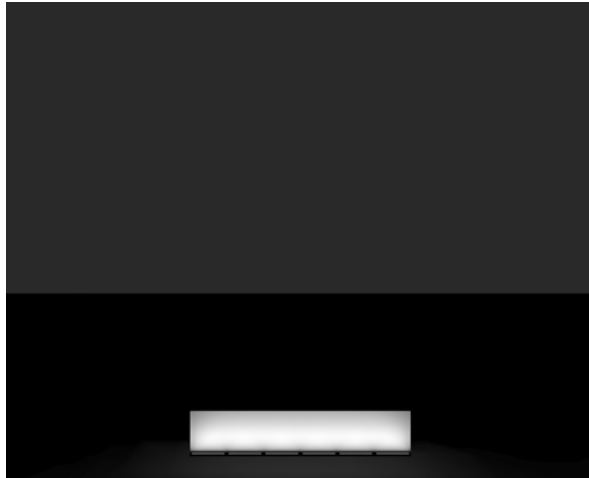
Graze lighting, or wall grazing, is directional light at an acute angle, which emphasises textured surfaces and adds a third dimension to a façade. When grazing, luminaires must be mounted extremely close to the building surface, with precise optical control creating a continuous narrow blade of light.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

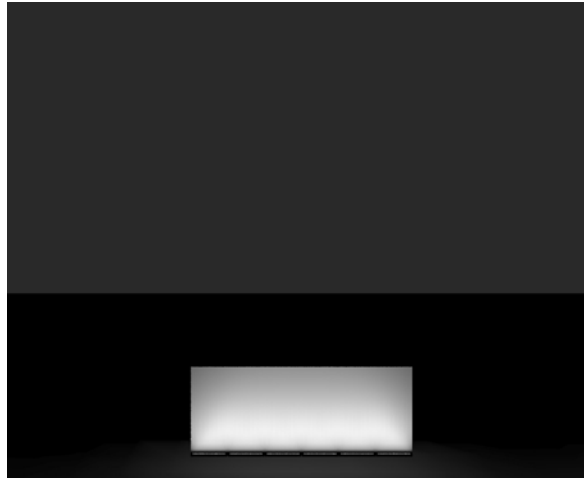


Grazing Distributions



1525mm-High Wall

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



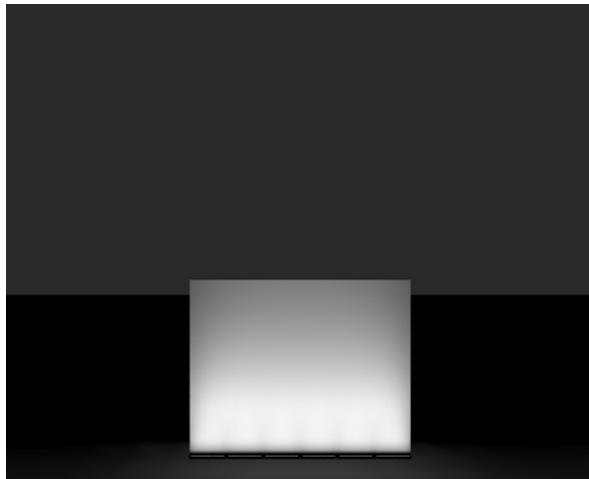
3050mm-High Wall

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



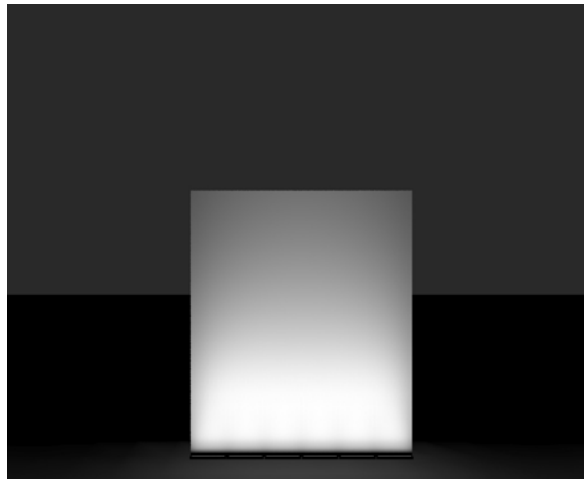
4575mm-High Wall

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



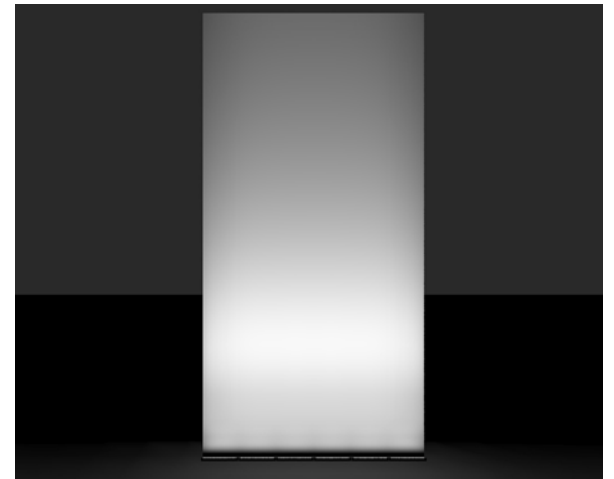
6100mm-High Wall

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

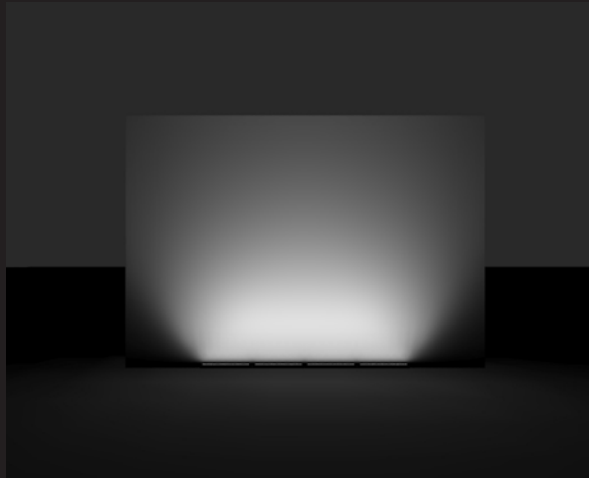


15240mm-High Wall

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

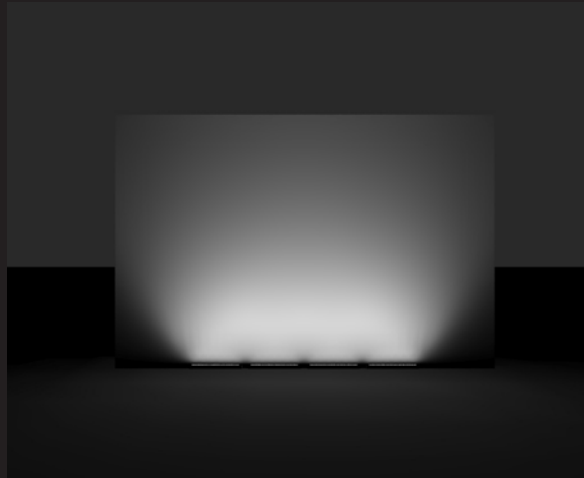
Graze Spacing

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



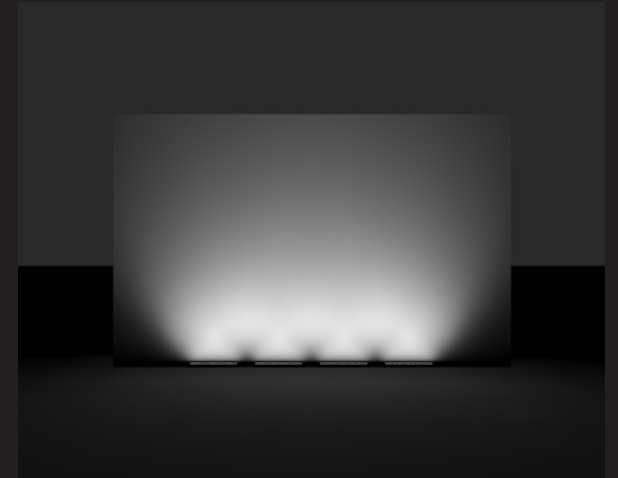
Minimum Spacing

Spacing between fixtures is 9mm.



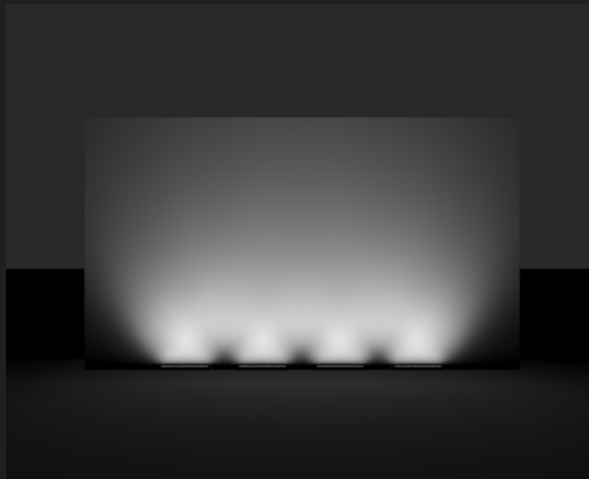
150mm Spacing

Spacing between fixtures is 150mm.



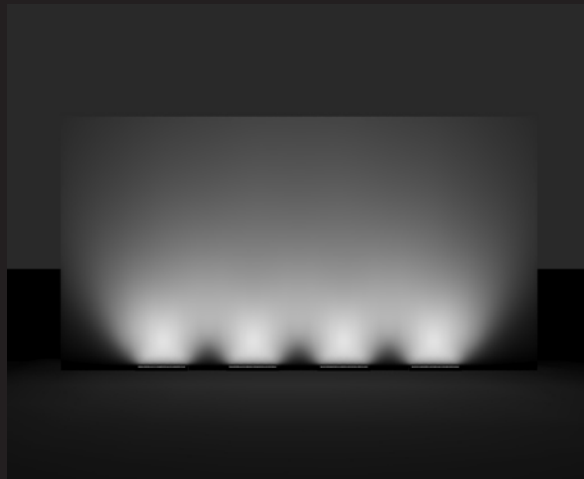
305mm Spacing

Spacing between fixtures is 305mm.



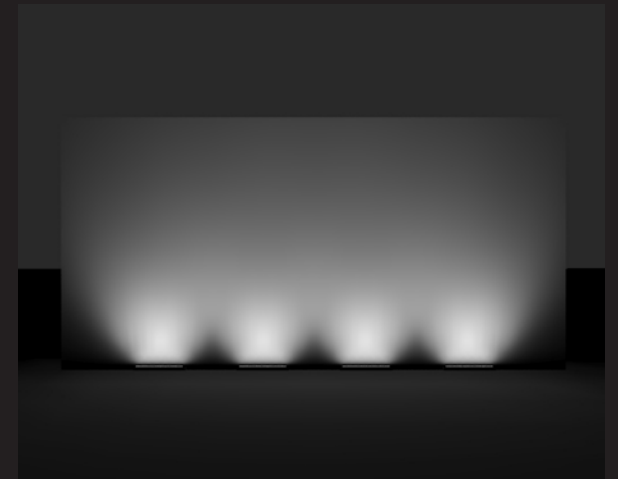
610mm Spacing

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

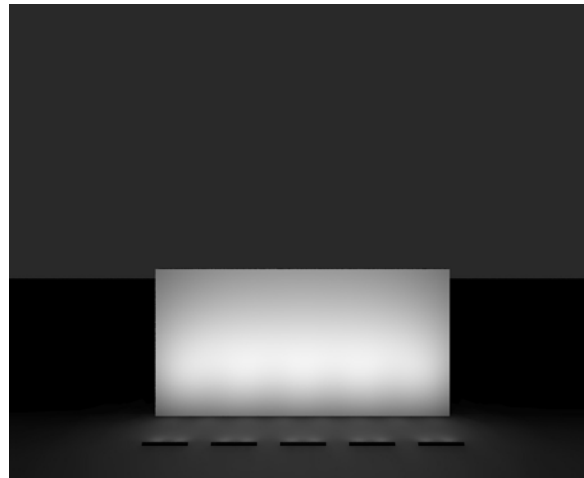
- 30° × 30°
- 30° × 60°
- 60° × 60°
- 90° × 90°
- Wallwash

Flooding Distributions



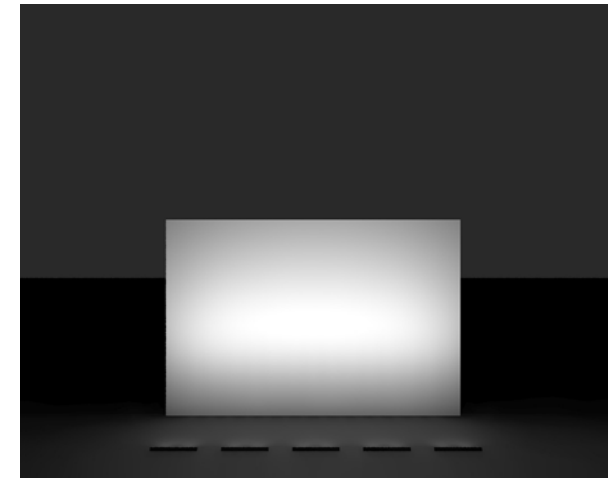
3050mm-High Wall

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



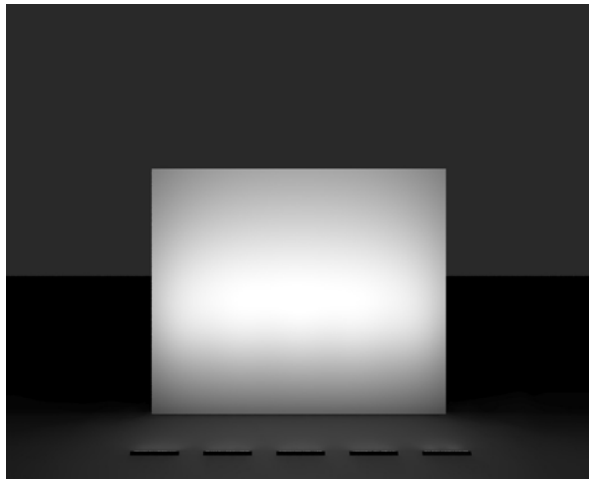
4575mm-High Wall

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



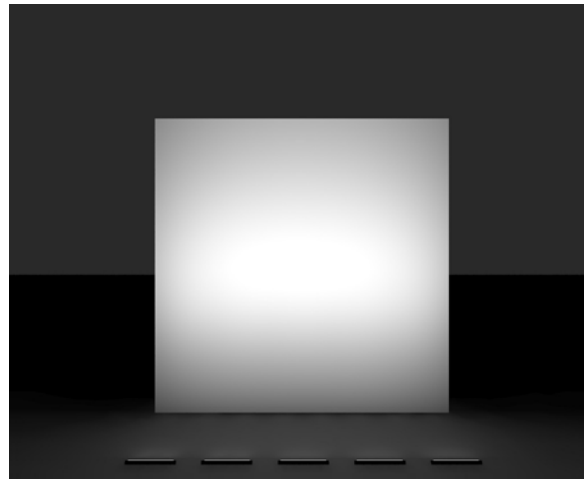
6100mm-High Wall

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



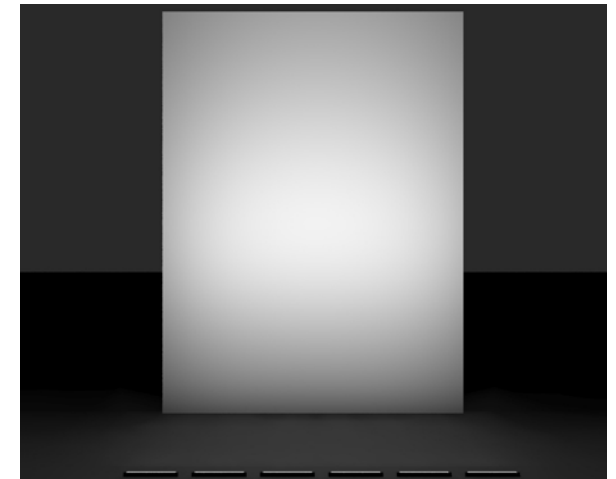
7620mm-High Wall

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

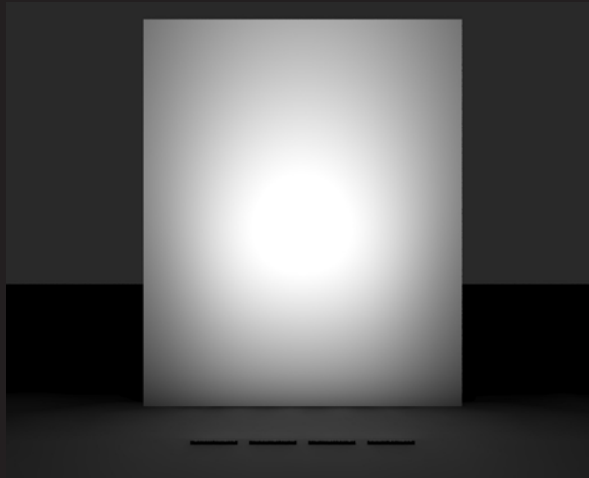


12190mm-High Wall

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

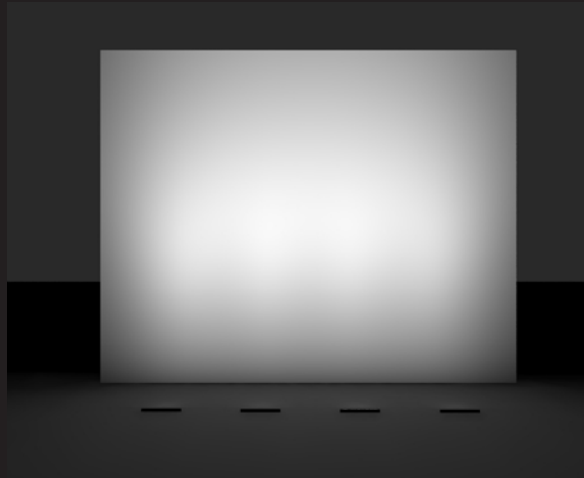
Flood Spacing

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



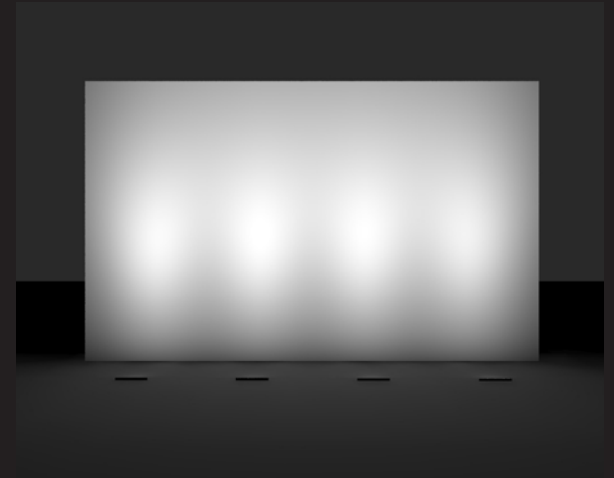
305mm Spacing

Spacing between fixtures is 305mm.



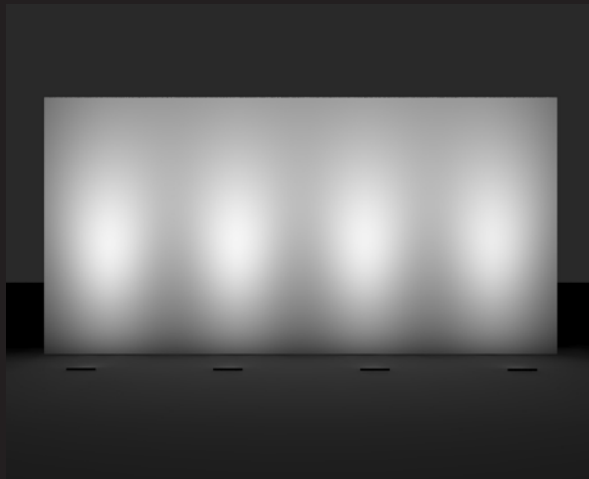
1830mm Spacing

Spacing between fixtures is 1830mm.



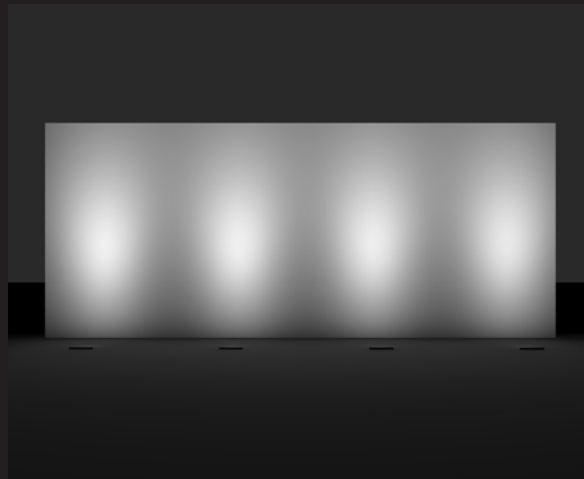
3350mm Spacing

Spacing between fixtures is 3350mm.



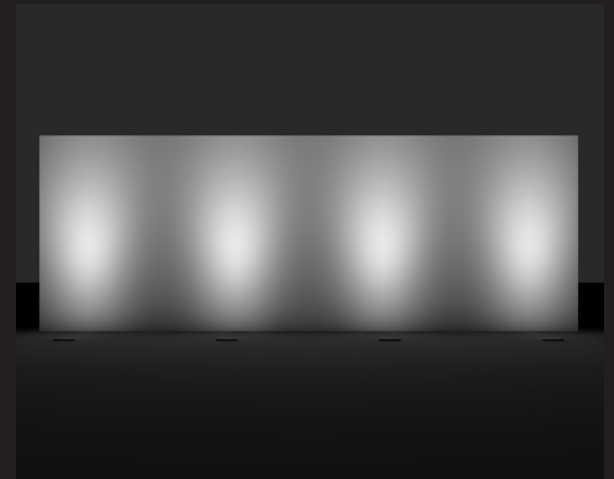
4875mm Spacing

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



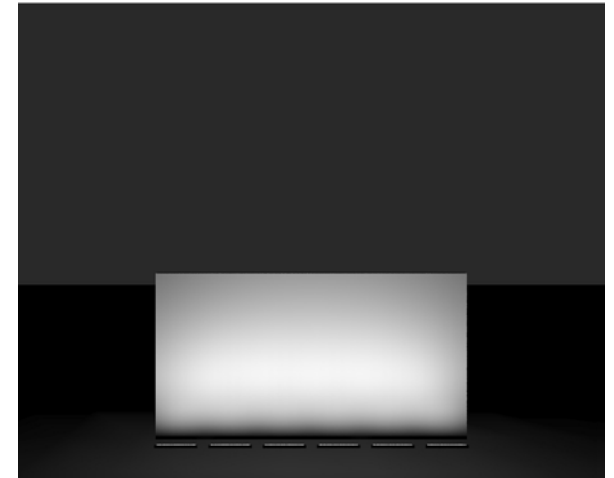
2400mm-High Wall

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



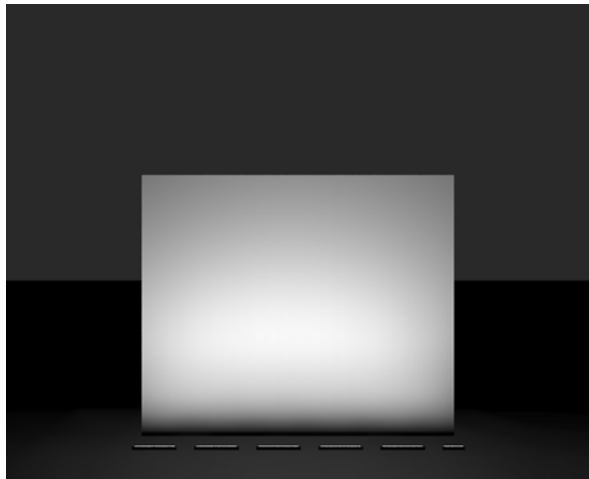
3650mm-High Wall

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



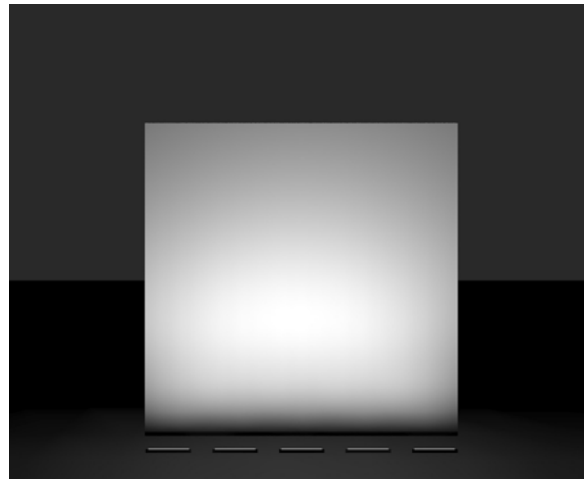
4875mm-High Wall

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



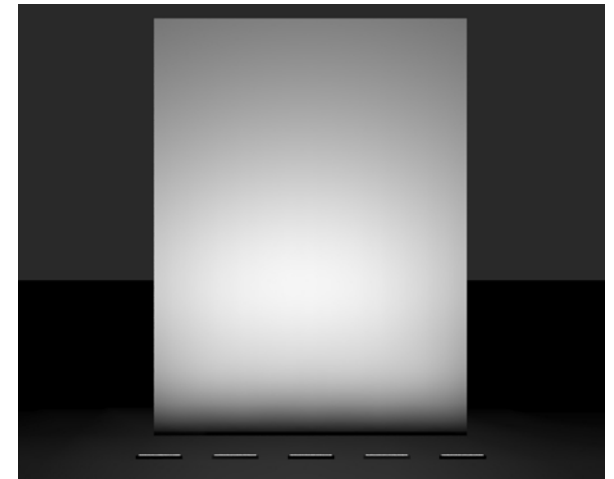
7620mm-High Wall

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



9145mm-High Wall

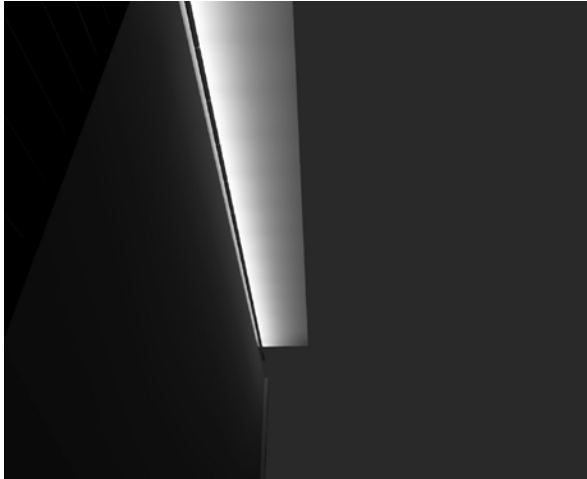
LFP 1220mm 17W 40K WWV HFR
Spacing: 560mm end-to-end | Setback: 1145mm



12190mm-High Wall

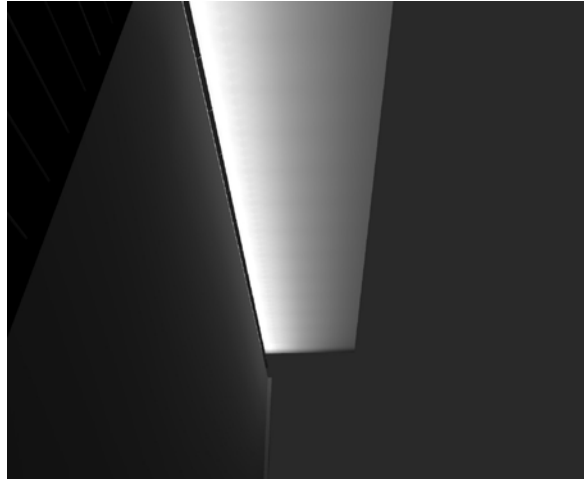
LFP 1220mm 17W 40K WWV HFR
Spacing: 760mm end-to-end | Setback: 1525mm

Asymmetric Examples



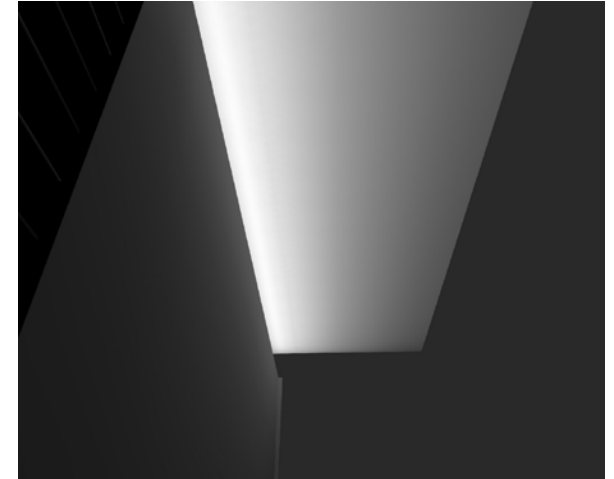
1830mm Canopy

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



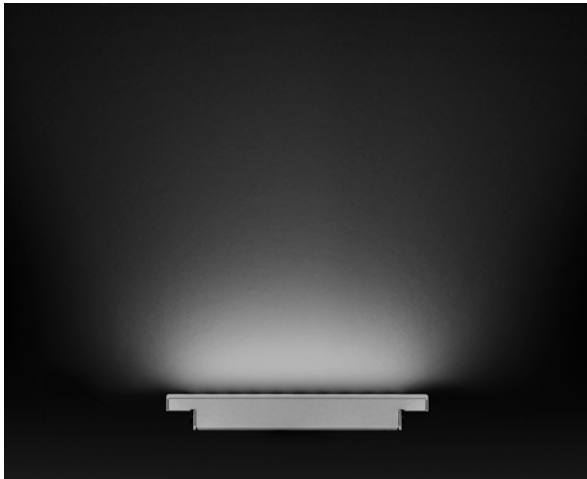
3660mm Canopy

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



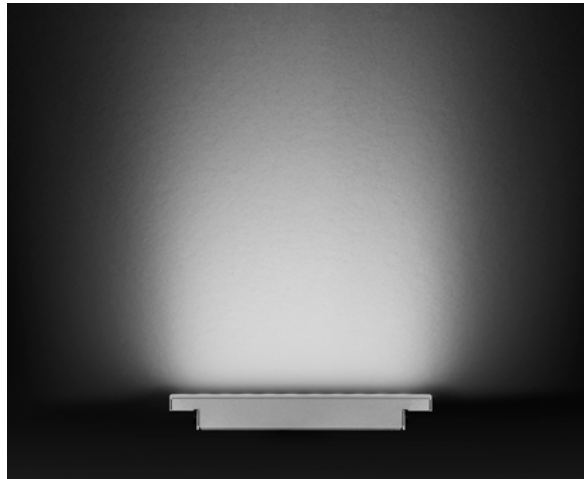
6100mm Canopy

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



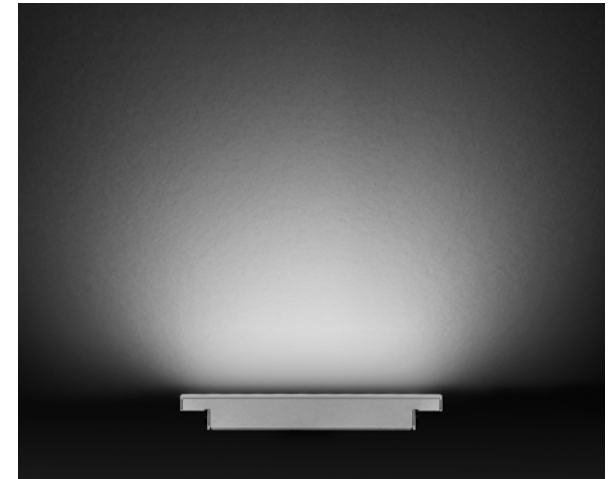
Ceiling Asymmetric

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



Narrow Asymmetric

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

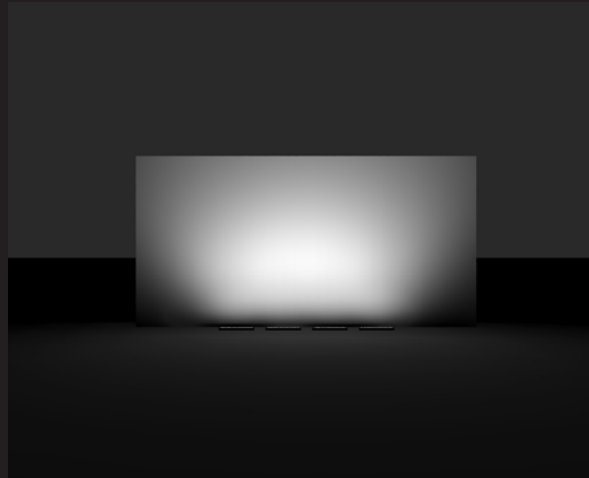


Asymmetric Wallwash

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

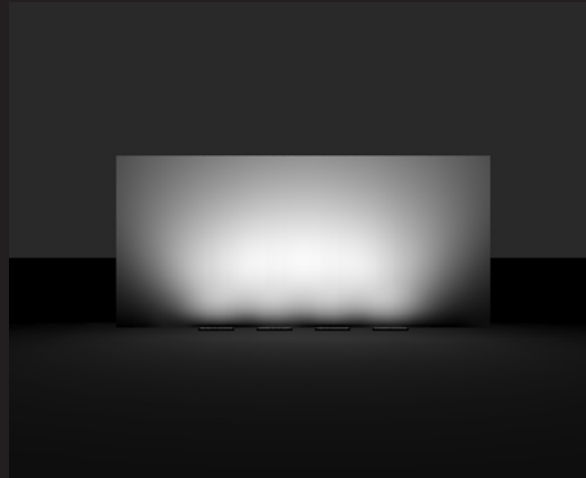
Wallwash Spacing

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



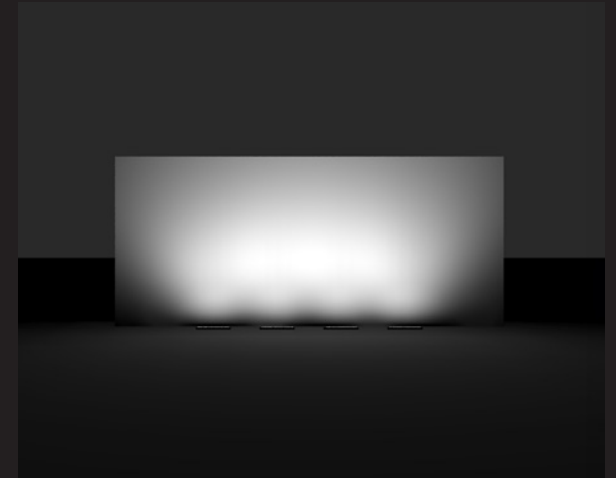
380mm End-to-End

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



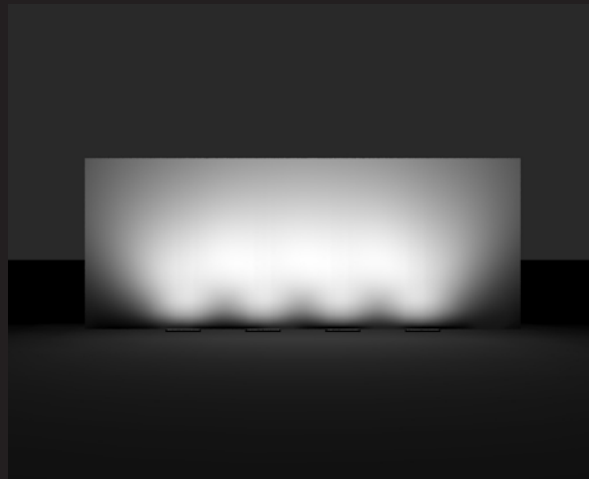
760mm End-to-End

2x recommended ratio



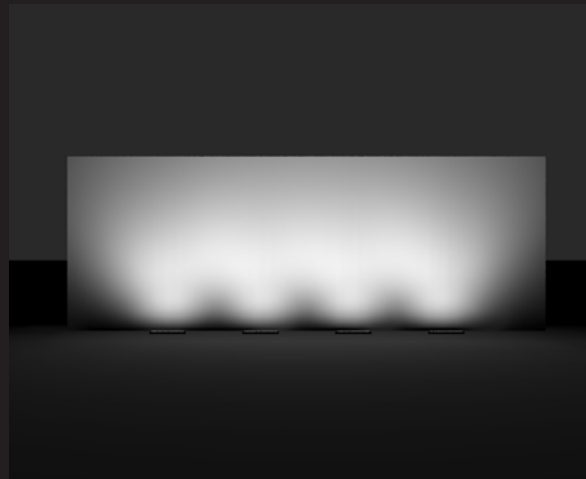
1145mm End-to-End

3x recommended ratio



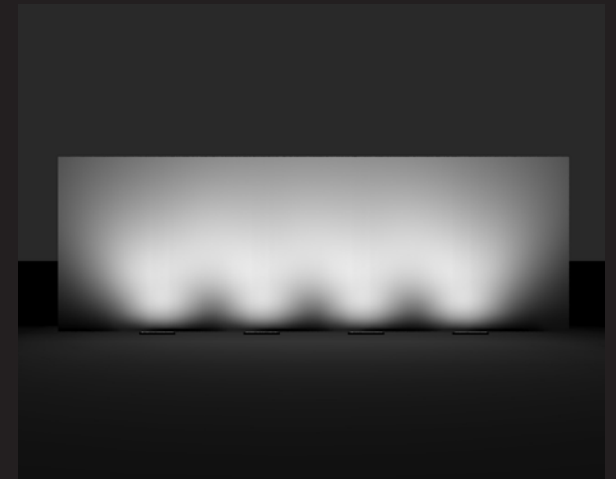
1525mm End-to-End

4x recommended ratio



1900mm End-to-End

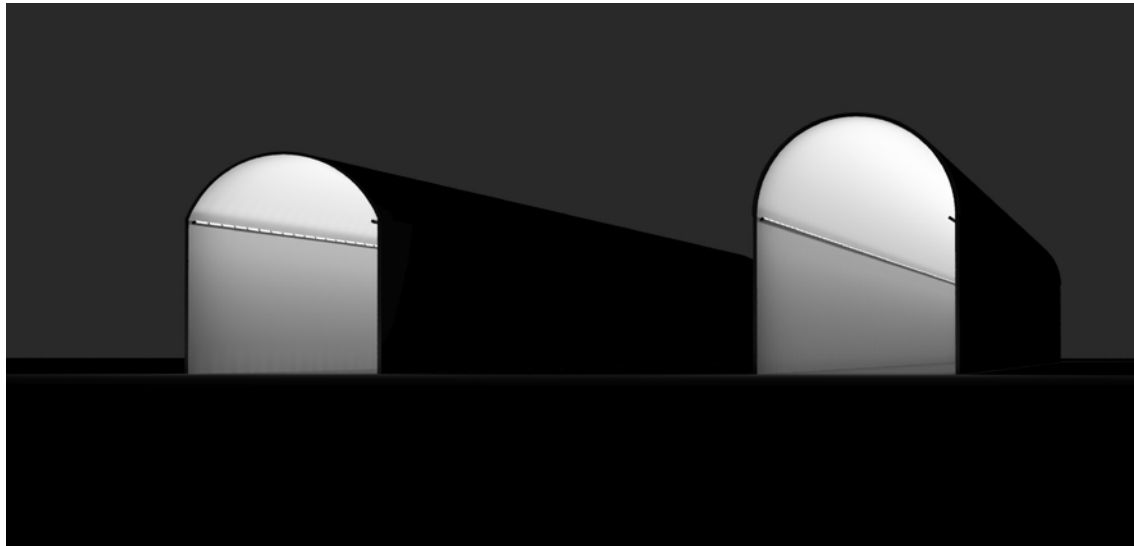
5x recommended ratio



2285mm End-to-End

6x recommended ratio

Arch Examples

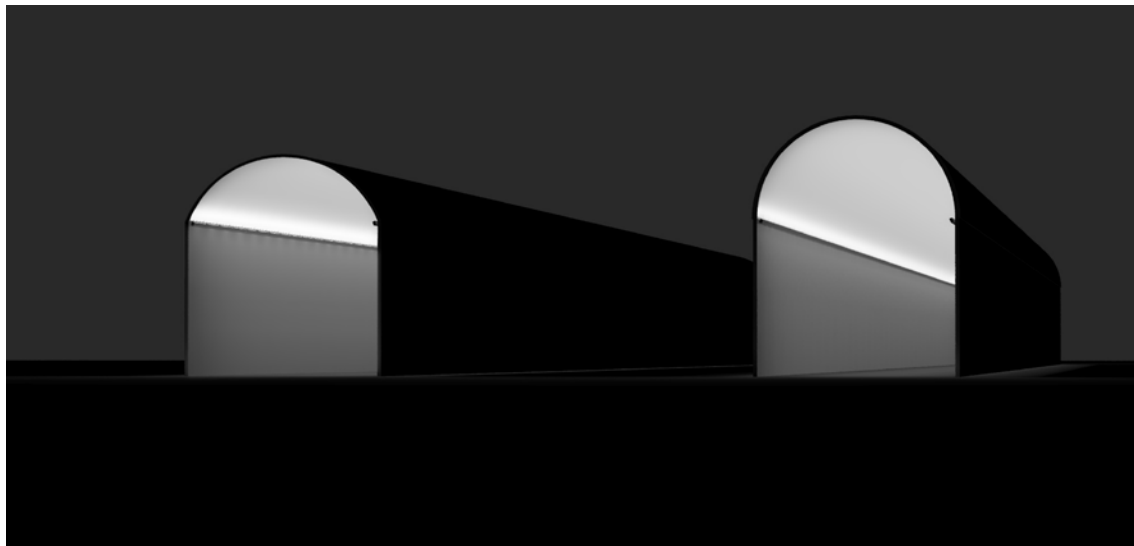


**Arched Ceiling | 4575mm W x 1525mm H LFP
1220mm 17W 60° x 60° FR**

Setback: 660mm | Spacing: 305mm

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

Setback: 660mm | Spacing: 305mm

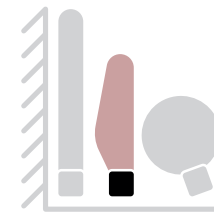


**Arched Ceiling | 4575mm W x 1525mm H
LFP 1220mm 10W CAS FR**

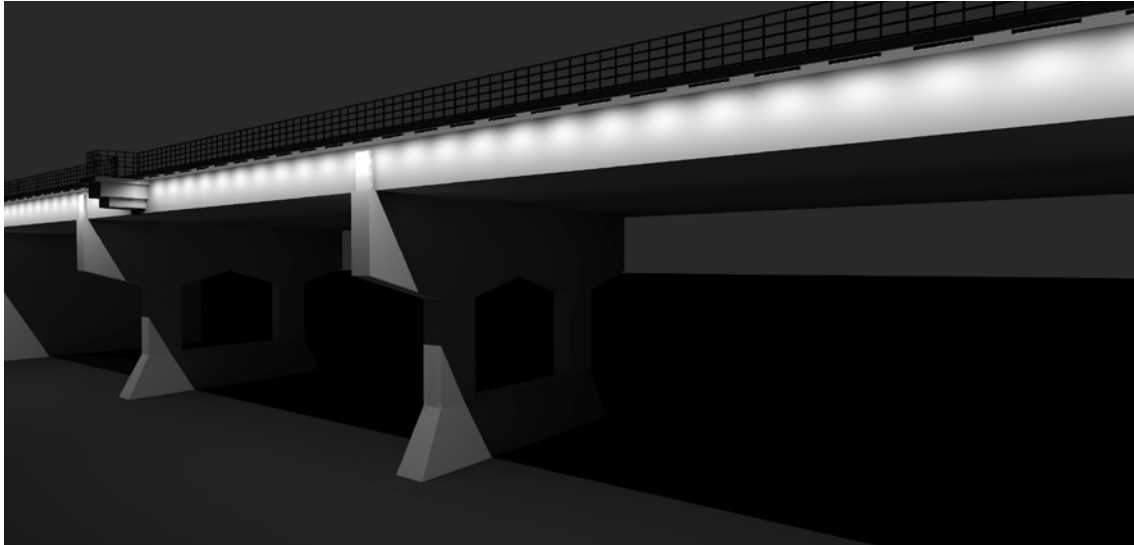
End-to-end configuration. Fixtures slightly tilted towards the center of the arch.

**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.

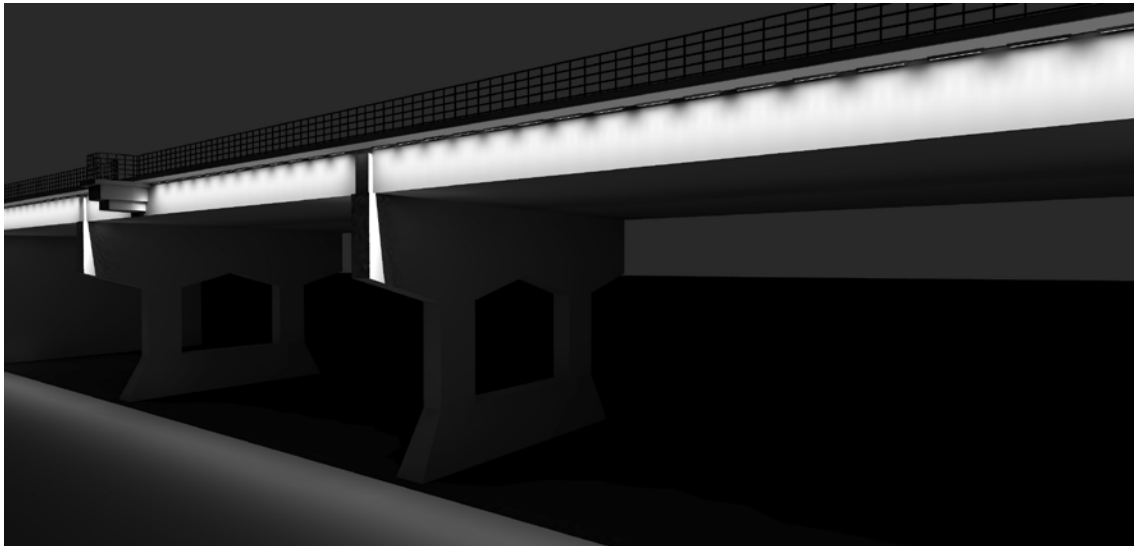


Bridge Girder Examples



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

Setback: 1065mm | Spacing: 760mm

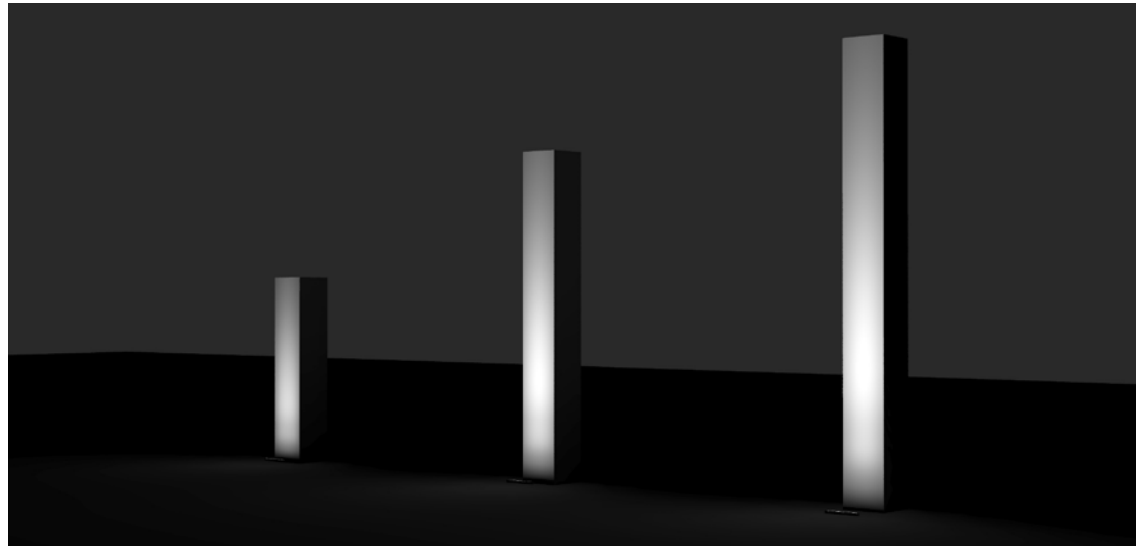


Bridge Girder (1725mm high surface) | LFP 1220mm 3.75W 10° x 90° FR

Setback: 230mm | Spacing: 460mm



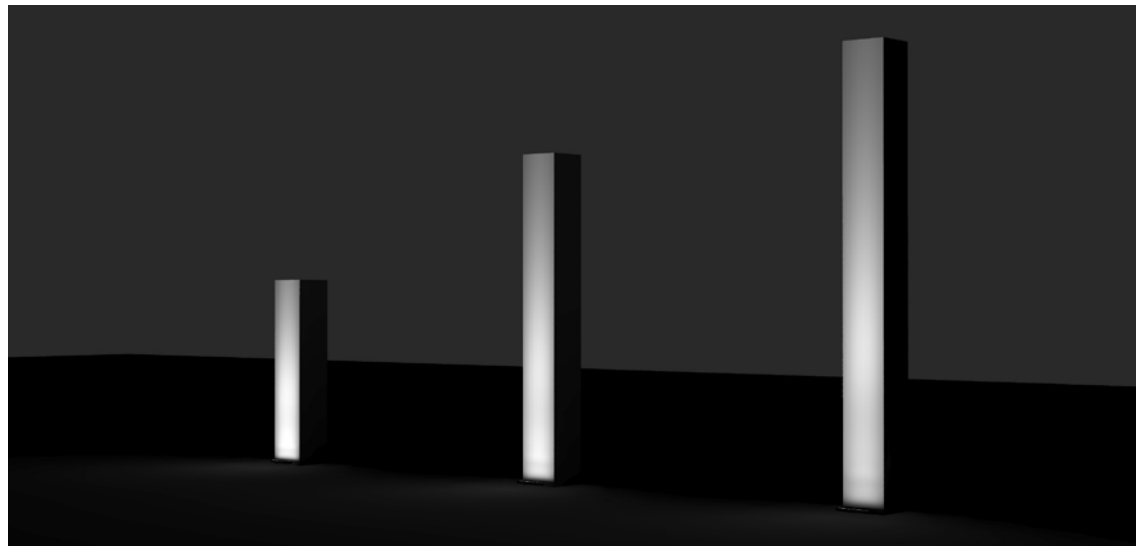
Column Examples



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°×8° HFR
 Setback: 305mm

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

15240mm High Column
LFP 17W 8°×8° 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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