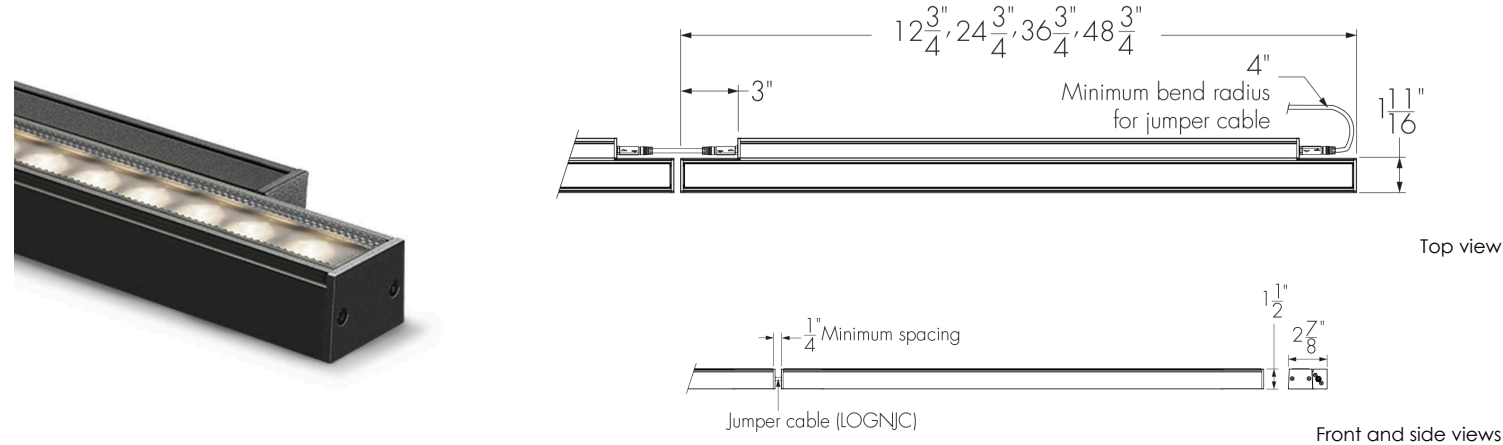


Project Name \_\_\_\_\_

Qty \_\_\_\_\_

Type \_\_\_\_\_

Catalog / Part Number \_\_\_\_\_



Photometric Summary (7 W/ft)

|          | Delivered output (lm) | Intensity (peak cd) |
|----------|-----------------------|---------------------|
| 8°x8°    | 2,173                 | 58,720              |
| 10°x10°  | 2,102                 | 45,812              |
| 10°x30°  | 2,038                 | 12,959              |
| 10°x60°  | 2,026                 | 6,911               |
| 10°x90°  | 2,031                 | 3,622               |
| 30°x10°  | 2,043                 | 12,919              |
| 30°x30°  | 2,986                 | 6,894               |
| 30°x60°  | 2,895                 | 4,362               |
| 60°x10°  | 2,025                 | 8,019               |
| 60°x60°  | 2,924                 | 2,162               |
| 60°x90°  | 2,905                 | 2,603               |
| 90°x90°  | 2,856                 | 1,766               |
| W (120°) | 1,225                 | 602                 |
| WW       | 2,164                 | 10,498              |

<sup>1</sup> Based on 4000K full output, 4 ft, UCTL control configuration.  
<sup>2</sup> Photometric performance is measured in compliance with IESNA LM-79-24.

Description

The Lumenfacade Nano Horizontal is a high-efficiency linear LED luminaire with a slim profile that makes it easy to conceal and integrate into architectural facades. Available in 12 in, 24 in, 36 in or 48 in sections, the Lumenfacade Nano Horizontal can be configured with a wide number of options, including: optics for grazing, floodlighting, or wall washing; various mounting options, finishes, and controls.

Features

|                             |                                                                                                                                                                  |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Color and Color Temperature | 2200K, 2700K, 3000K, 3500K, 4000K, Red, Green, Blue                                                                                                              |
| Optics                      | 8° x 8°, 10° x 10°, 10° x 30°, 10° x 60°, 10° x 90°, 30° x 10°, 30° x 30°, 30° x 60°, 60° x 10°, 60° x 60°, 60° x 90°, 90° x 90°, Wide 120°, Asymmetric Wallwash |
| Option                      | Corrosion-Resistant Coating for Hostile Environments<br>3G ANSI C136.31-2010 Vibration Rating for Bridge Applications                                            |
| Power Consumption           | 2 W/ft, 4 W/ft, 7 W/ft                                                                                                                                           |
| Warranty                    | 5-year limited warranty                                                                                                                                          |

Performance

|                             |                                                                                                                                                                                                                                                    |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Maximum Delivered Output    | 884 lm (2 W/ft, 48 in fixture, 4000K CRI 80+, 30° x 30°, NO control)<br>1,767 lm (4 W/ft, 48 in fixture, 4000K CRI 80+, 30° x 30°, NO control)<br>2,986 lm (7 W/ft, 48 in fixture, 4000K CRI 80+, 30° x 30°, NO control)                           |
| Maximum Delivered Intensity | 20,676 cd at nadir (2 W/ft, 48 in fixture, 4000K CRI 80+, 8° x 8°, NO control)<br>41,352 cd at nadir (4 W/ft, 48 in fixture, 4000K CRI 80+, 8° x 8°, NO control)<br>58,720 cd at nadir (7 W/ft, 48 in fixture, 4000K CRI 80+, 8° x 8°, NO control) |



Accessories (Order Separately)

|                                 |                                                                                                                                                   |
|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Cables                          | Lumenfacade Nano Jumper Cable (LOGNJC), Trunk Power Cable (TKPWR), Trunk Data Cable (TKDMX), Lumenfacade Nano Jumper Cable Joiner (LOGNJC-JOINER) |
| Control Boxes                   | Low-Voltage Control Box (LCBX), Low-Voltage Splitter Box (LSBX)                                                                                   |
| Remote Power Supply             | Large Power Supply (LGPSU)                                                                                                                        |
| Optical Accessories             | Lumenfacade Nano Radial Louver (LOGNRD), Lumenfacade Nano Visor (LOGNVS)                                                                          |
| Control Systems                 | Pharos® Designer Lighting Control Kit (PHAROS), Pharos® Express Control Kit (EXPERT)                                                              |
| Diagnostic and Addressing Tools | LumenID (LID)                                                                                                                                     |

Operation and Maintenance

|                     |                                                                                                                                                                                                                                       |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Lumencycle™ Program | Lumencycle-enabled fixtures are designed for serviceability and circular lifecycle management.<br><br>Lumenpulse will provide factory refurbishment programs, allowing luminaires to be restored and redeployed rather than replaced. |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Important

Virtual Patent Marking Notice

This website (<https://www.lmpg.com/patents-trademarks>) is provided to satisfy the virtual patent marking provisions of applicable jurisdictions. Some products listed may be covered by additional patents not referenced here.

Lumencycle™ Program

Lumencycle is a comprehensive program designed to maximize the life of Lumenpulse fixtures while preserving their performance, quality, and design intent. Built around three pillars—Repair, Restore, and Recycle—the program provides clear pathways to maintain existing installations, restore fixtures, and responsibly manage them at end of life. For full program details, visit <https://www.lumenpulse.com/lumencycle>.

Photometric Information

2 W/ft (3000K, CRI 80+)

|          | Delivered output (lm) | Intensity (peak cd) |
|----------|-----------------------|---------------------|
| 8°x8°    | 711                   | 19,229              |
| 10°x10°  | 688                   | 15,002              |
| 10°x30°  | 668                   | 4,244               |
| 10°x60°  | 664                   | 2,264               |
| 10°x90°  | 665                   | 1,187               |
| 30°x10°  | 669                   | 4,231               |
| 30°x30°  | 822                   | 1,897               |
| 30°x60°  | 796                   | 1,201               |
| 60°x10°  | 663                   | 2,626               |
| 60°x60°  | 804                   | 595                 |
| 60°x90°  | 799                   | 716                 |
| 90°x90°  | 786                   | 486                 |
| W (120°) | 401                   | 197                 |
| WW       | 709                   | 3,438               |

Based on 3000K, CRI 80+, 4 ft, NO control configuration.

2 W/ft (3000K, CRI 90+)

|          | Delivered output (lm) | Intensity (peak cd) |
|----------|-----------------------|---------------------|
| 8°x8°    | 598                   | 16,152              |
| 10°x10°  | 578                   | 12,602              |
| 10°x30°  | 561                   | 3,565               |
| 10°x60°  | 558                   | 1,901               |
| 10°x90°  | 559                   | 997                 |
| 30°x10°  | 562                   | 3,554               |
| 30°x30°  | 691                   | 1,594               |
| 30°x60°  | 669                   | 1,009               |
| 60°x10°  | 557                   | 2,206               |
| 60°x60°  | 676                   | 500                 |
| 60°x90°  | 671                   | 602                 |
| 90°x90°  | 660                   | 409                 |
| W (120°) | 337                   | 166                 |
| WW       | 595                   | 2,888               |

Based on 3000K, CRI 90+, 4 ft, NO control configuration.

4 W/ft (3000K, CRI 80+)

|          | Delivered output (lm) | Intensity (peak cd) |
|----------|-----------------------|---------------------|
| 8°x8°    | 1,423                 | 38,457              |
| 10°x10°  | 1,376                 | 30,004              |
| 10°x30°  | 1,335                 | 8,487               |
| 10°x60°  | 1,327                 | 4,526               |
| 10°x90°  | 1,330                 | 2,372               |
| 30°x10°  | 1,338                 | 8,461               |
| 30°x30°  | 1,643                 | 3,793               |
| 30°x60°  | 1,593                 | 2,400               |
| 60°x10°  | 1,326                 | 5,252               |
| 60°x60°  | 1,609                 | 1,189               |
| 60°x90°  | 1,599                 | 1,432               |
| 90°x90°  | 1,572                 | 972                 |
| W (120°) | 803                   | 394                 |
| WW       | 1,417                 | 6,875               |

Based on 3000K, CRI 80+, 4 ft, NO control configuration.

4 W/ft (3000K, CRI 90+)

|          | Delivered output (lm) | Intensity (peak cd) |
|----------|-----------------------|---------------------|
| 8°x8°    | 1,195                 | 32,304              |
| 10°x10°  | 1,156                 | 25,203              |
| 10°x30°  | 1,121                 | 7,129               |
| 10°x60°  | 1,115                 | 3,802               |
| 10°x90°  | 1,117                 | 1,993               |
| 30°x10°  | 1,124                 | 7,107               |
| 30°x30°  | 1,380                 | 3,187               |
| 30°x60°  | 1,338                 | 2,016               |
| 60°x10°  | 1,114                 | 4,411               |
| 60°x60°  | 1,351                 | 999                 |
| 60°x90°  | 1,343                 | 1,203               |
| 90°x90°  | 1,320                 | 816                 |
| W (120°) | 674                   | 331                 |
| WW       | 1,191                 | 5,775               |

Based on 3000K, CRI 90+, 4 ft, NO control configuration.

7 W/ft (3000K, CRI 80+)

|          | Delivered output (lm) | Intensity (peak cd) |
|----------|-----------------------|---------------------|
| 8°x8°    | 2,021                 | 54,610              |
| 10°x10°  | 1,955                 | 42,605              |
| 10°x30°  | 1,895                 | 12,052              |
| 10°x60°  | 1,884                 | 6,427               |
| 10°x90°  | 1,889                 | 3,368               |
| 30°x10°  | 1,900                 | 12,015              |
| 30°x30°  | 2,777                 | 6,411               |
| 30°x60°  | 2,692                 | 4,057               |
| 60°x10°  | 1,883                 | 7,458               |
| 60°x60°  | 2,719                 | 2,011               |
| 60°x90°  | 2,702                 | 2,421               |
| 90°x90°  | 2,656                 | 1,642               |
| W (120°) | 1,139                 | 560                 |
| WW       | 2,013                 | 9,763               |

Based on 3000K, CRI 80+, 4 ft, NO control configuration.

7 W/ft (3000K, CRI 90+)

|          | Delivered output (lm) | Intensity (peak cd) |
|----------|-----------------------|---------------------|
| 8°x8°    | 1,698                 | 45,872              |
| 10°x10°  | 1,642                 | 35,788              |
| 10°x30°  | 1,592                 | 10,124              |
| 10°x60°  | 1,583                 | 5,399               |
| 10°x90°  | 1,587                 | 2,830               |
| 30°x10°  | 1,596                 | 10,092              |
| 30°x30°  | 2,333                 | 5,386               |
| 30°x60°  | 2,262                 | 3,408               |
| 60°x10°  | 1,582                 | 6,264               |
| 60°x60°  | 2,284                 | 1,689               |
| 60°x90°  | 2,269                 | 2,033               |
| 90°x90°  | 2,231                 | 1380                |
| W (120°) | 957                   | 470                 |
| WW       | 1,691                 | 8,201               |

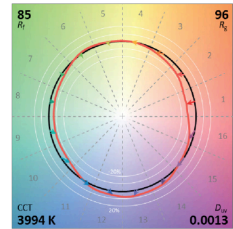
Based on 3000K, CRI 90+, 4 ft, NO control configuration.

Photometric performance is measured in compliance with IESNA LM-79-24.

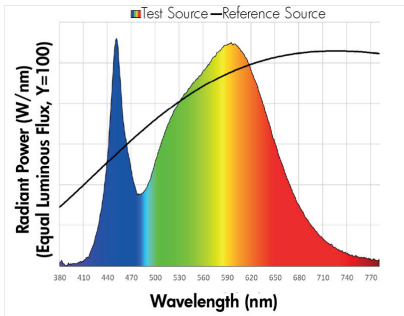
Chromaticity Data

TM-30 - 4000K

| CCT   | CIE            | TM-30          |
|-------|----------------|----------------|
| 4000K | R <sub>a</sub> | 83             |
|       | R <sub>g</sub> | 14             |
|       |                | 85             |
|       |                | 96             |
|       |                | R <sub>f</sub> |
|       |                | R <sub>g</sub> |

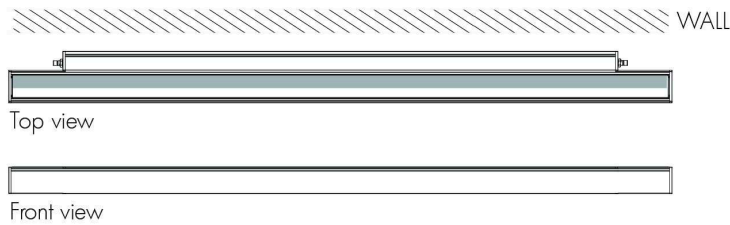


Spectral Power Distribution



Optical Option Installation Details

HFR - Half-Frosted Lens

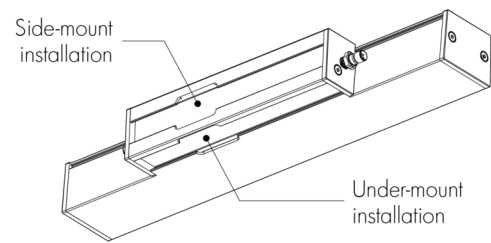


- Always position frosted side toward the wall.
- Available for 8x8, 10x10, 10x30 or WW optics only.

WW - Asymmetric Wallwash

Recommended setback from wall is 1/10 of the wall height.  
Example: 2 ft setback for a 20 ft wall.

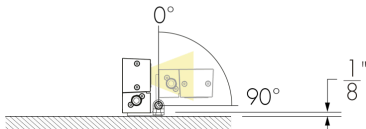
Mounting Points



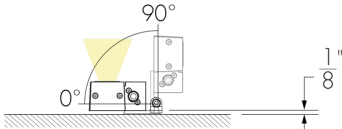
Mounting Options

One mounting bracket provided for 12 in fixtures. Two mounting brackets provided for 24 in, 36 in and 48 in fixtures. See installation instructions for details.

SAMNH - Slim Adjustable Mounting Nano Horizontal



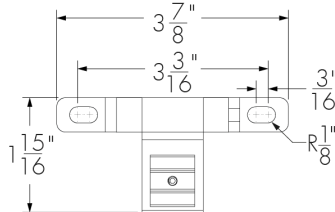
Side-mount installation



Under-mount installation

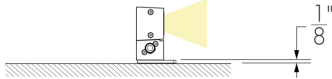
Not suitable when fixture is exposed to wind.

SAMNH - Mounting Hole Pattern

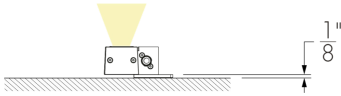


One mounting bracket provided for 12 in fixtures. Two mounting brackets provided for 24 in, 36 in and 48 in fixtures. See installation instructions for details.

UMPNH - Fixed Mounting Nano Horizontal

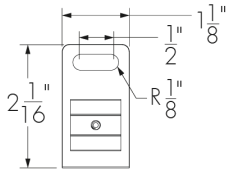


Side-mount installation

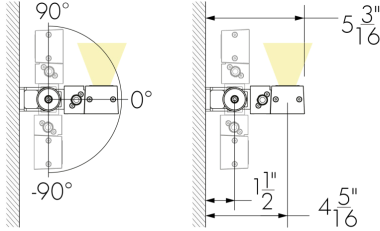


Under-mount installation

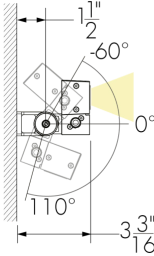
UMPNH - Mounting Hole Pattern



UMASNH - Universal Adjustable Mounting Nano

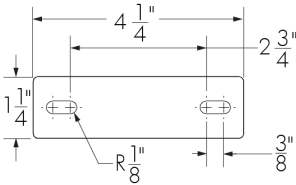


Side-mount installation

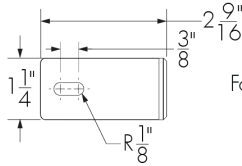


Under-mount installation

UMASNH - Mounting Hole Pattern

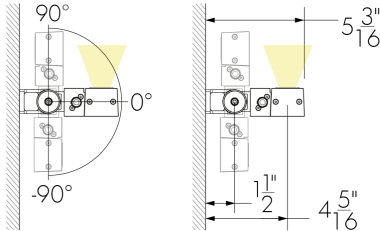


For 1 ft fixtures

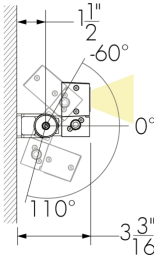


For 2 ft, 3 ft and 4 ft fixtures

WAMNH2 - Adjustable Extended Arm Mounting  
Nano Horizontal 2 in

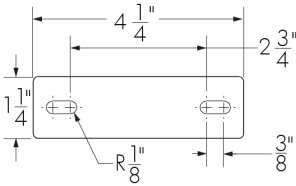


Side-mount installation

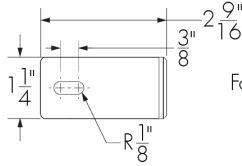


Under-mount installation

WAMNH2 - Mounting Hole Pattern

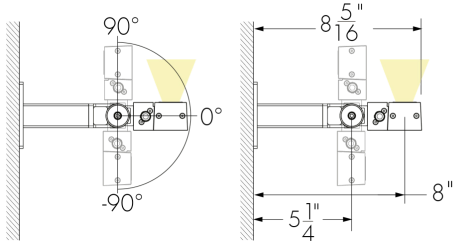


For 1 ft fixtures

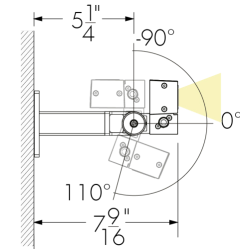


For 2 ft, 3 ft and 4 ft fixtures

WAMNH6 - Adjustable Extended Arm Mounting  
Nano Horizontal 6 in

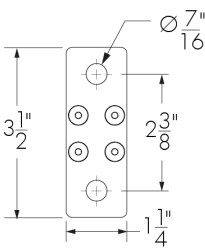


Side-mount installation

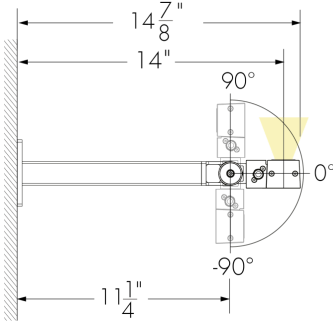


Under-mount installation

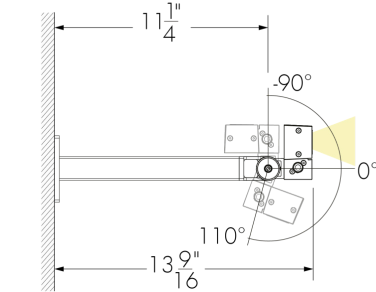
WAMNH6 - Mounting Hole Pattern



WAMNH12 - Adjustable Extended Arm Mounting  
Nano Horizontal 12 in

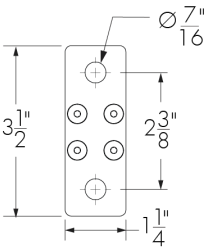


Side-mount installation

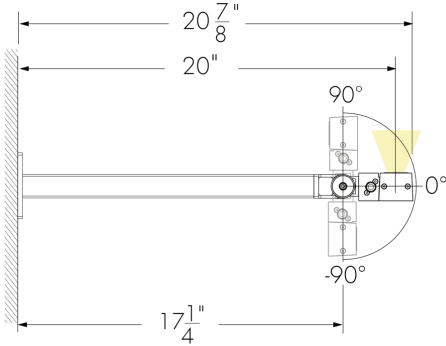


Under-mount installation

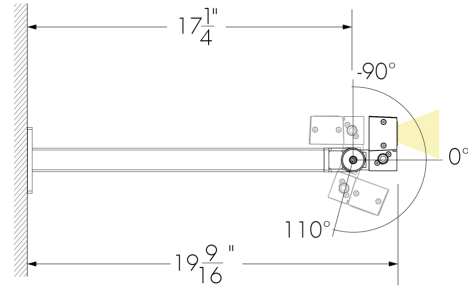
WAMNH12 - Mounting Hole Pattern



WAMNH18 - Adjustable Extended Arm Mounting  
Nano Horizontal 18 in

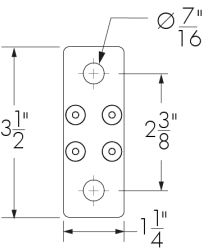


Side-mount installation

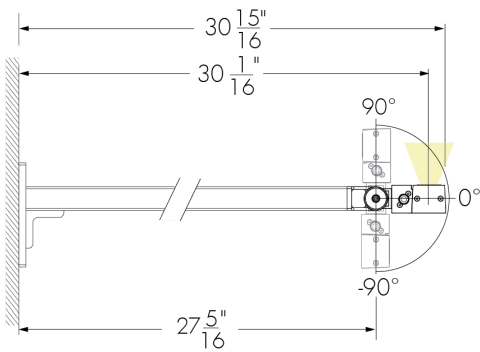


Under-mount installation

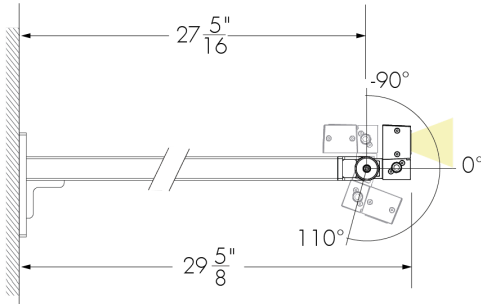
WAMNH18 - Mounting Hole pattern



WAMNH28 - Adjustable Extended Arm Mounting  
Nano Horizontal 28 in

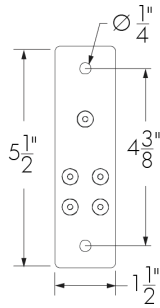


Side-mount installation

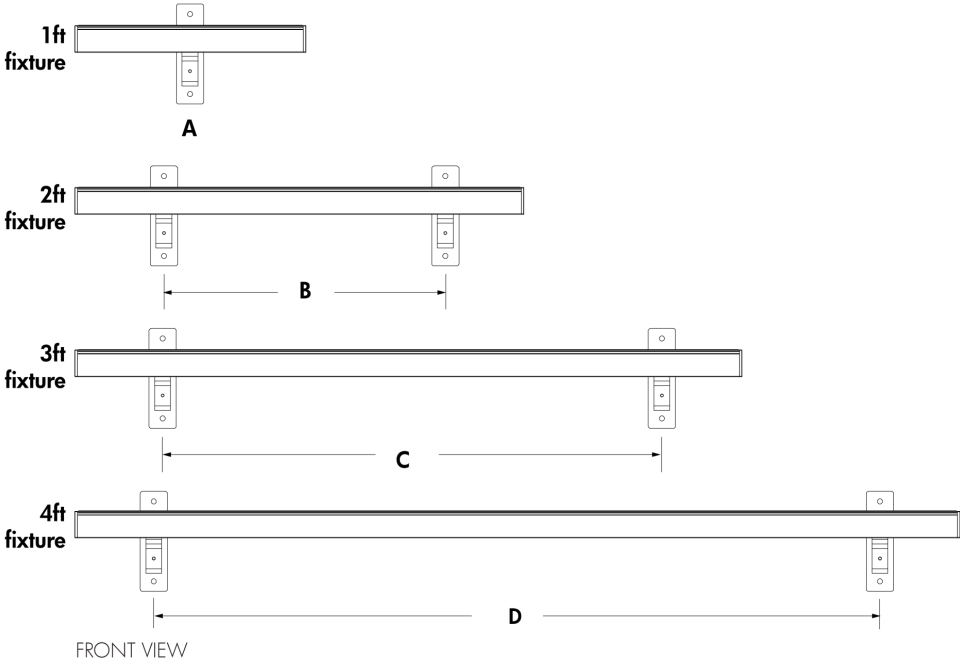


Under-mount installation

WAMNH28 - Mounting Hole Pattern



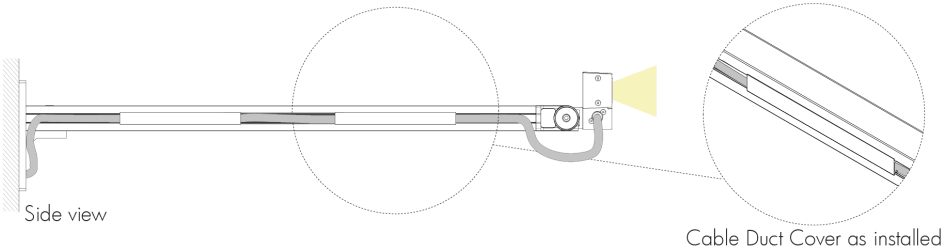
Mounting Bracket Placement (Minimum and Maximum Distances)



- A - Bracket in the center of the fixture
  - B - Minimum 14 in to maximum 16 in
  - C - Minimum 26 in to maximum 28 in
  - D - Minimum 38 1/2 in to maximum 40 1/2 in
- LOGNH with bracket WAMNH28 shown

The mounting bracket(s) to be centered on fixture and as symmetrical as possible. Distances must be respected for all installations.

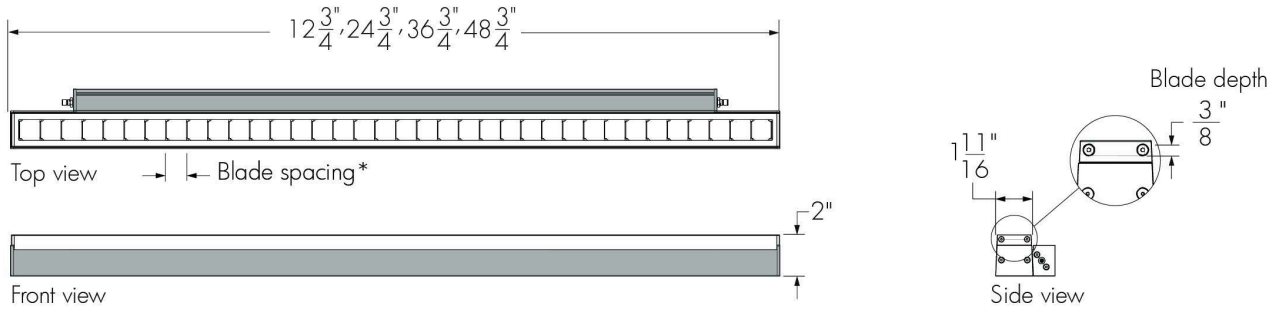
Cable Management System for Wall Mounting Brackets



- No Cable Duct Cover provided for WAMNH2 and WAMNH6 mounting arms.
- 1 Cable Duct Cover provided for WAMNH12 mounting arm.
- 2 Cable Duct Covers provided for WAMNH18 and WAMNH28 mounting arms.

Optical Accessories (Order Separately)

LOGNRD - Radial Louver For Lumenfacade Nano



\*15/16 in blade spacing for 8° x 8°, 10° x 10°, 10° x 30°, 10° x 60°, 10° x 90°, 30° x 10° and 60° x 10° optics.

\*1 15/16 in blade spacing for 30° x 30°, 30° x 60°, 60° x 60°, 60° x 90° and 90° x 90° optics.

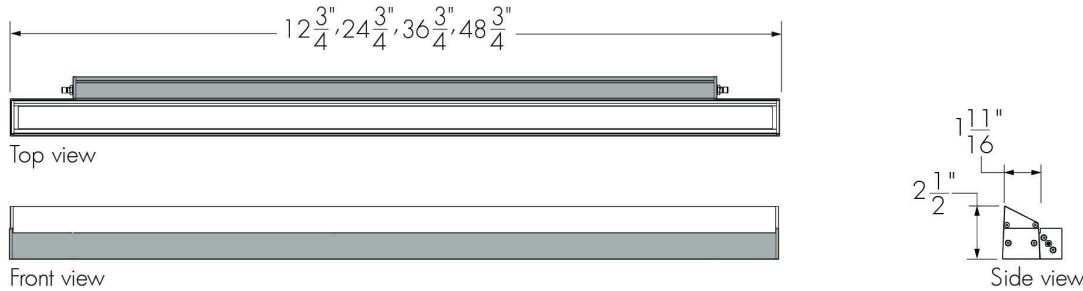
LOGNRD-LENGTH-FINISH-OPTIONS

Please specify:

**LENGTH:** 12 in, 24 in, 36 in or 48 in; **FINISH:** BK - Black Sandtex®, BRZ - Bronze Sandtex®, SI - Silver Sandtex®, WH - Smooth white or CC - custom color and finish (please specify RAL color); **OPTIONS:** CRC - Corrosion-resistant coating for hostile environments

- The addition of a louver will affect beam distribution. Consult factory for application support.
- Not suitable for wide 120° and asymmetric wallwash optics.
- CRC option is not available for indoor applications.
- Maximum one accessory per fixture. Louvers are field installable.

LOGNVS - Visor For Lumenfacade Nano



LOGNVS-LENGTH-FINISH-OPTIONS

Please specify:

**LENGTH:** 12 in, 24 in, 36 in or 48 in; **FINISH:** BK - Black Sandtex®, BRZ - Bronze Sandtex®, SI - Silver Sandtex®, WH - Smooth white or CC - custom color and finish (please specify RAL color); **OPTIONS:** CRC - Corrosion-resistant coating for hostile environments

- The addition of a visor will affect beam distribution. Consult factory for application support.
- Not suitable for wide 120° optic.
- CRC option is not available for indoor applications.
- Maximum one accessory per fixture. Visors are field installable.

Cables (Order Separately)

LOGNJC - Jumper Cable For Lumenfacade Nano

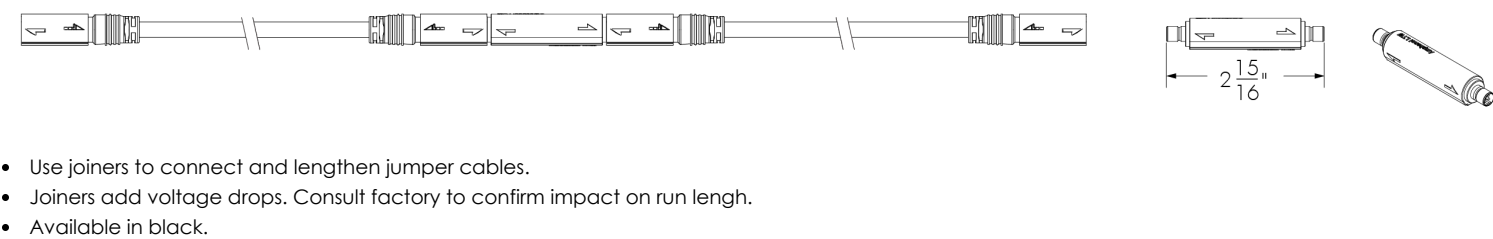


LOGNJC-CERTIFICATION-LENGTH-CABLE COLOR

- Please specify:
- CERTIFICATION:** UL or CE; **LENGTH:** 1 ft to 30 ft (available in 1 ft increments) or 50 ft; **CABLE COLOR:** black or white (connectors are the same color as the specified cable color).
- Suitable for dimming/data and non-dimming applications.
  - Consult Lumenfacade Nano jumper cable specification sheet for all available cable lengths and additional information.

Joiner (Order Separately)

LOGNJC-JOINER - Joiner For Lumenfacade Nano Jumper Cable

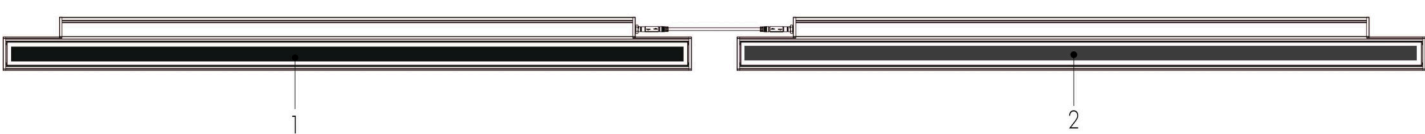


- Use joiners to connect and lengthen jumper cables.
- Joiners add voltage drops. Consult factory to confirm impact on run length.
- Available in black.

Resolution Details

DMX/RDM Control, Resolution Per Fixture: Each Fixture is Addressed Independently

DMX Addresses:

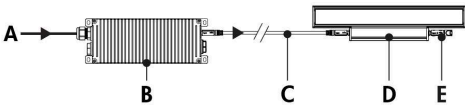


- UCTL control option
- 48 in fixtures shown.
  - Applicable for UCTL control only. A DMX/RDM enabled LCBX or LSBX is required for DMX/RDM control

Typical Wiring Diagrams

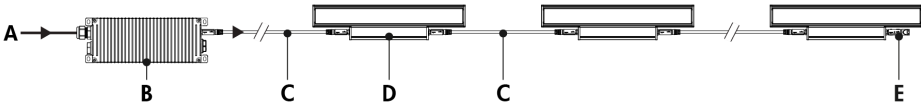
On/Off Control (NO)

Single Unit - LCBX 60W



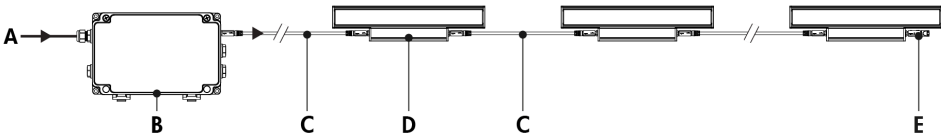
- A - Power input (120-277V, wiring by others)
- B - LCBX (60W)
- C - Jumper cable (LOGNJC)
- D - Lumenfacade Nano Horizontal
- E - Terminator cap

Continuous Run - LCBX 60W or 120W



- A - Power input (120-277V, wiring by others)
- B - LCBX (60W or 120W)
- C - Jumper cable (LOGNJC)
- D - Lumenfacade Nano Horizontal
- E - Terminator cap

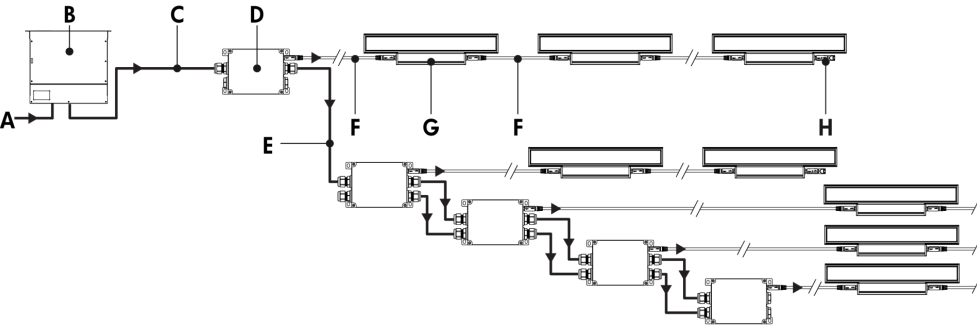
Continuous Run - LCBX 200W



- A - Power input (120-277V, wiring by others)
- B - LCBX (200W)
- C - Jumper cable (LOGNJC)
- D - Lumenfacade Nano Horizontal
- E - Terminator cap

- Consult factory for specific applications and maximum fixture count/run length recommendations.
- Maximum of 1 output to fixture, or fixture run, per LCBX.
- Consult the LCBX specification sheet for more information.
- 2W version: 2 W/ft; 4W version: 4 W/ft; 7W version: 7 W/ft.

Trunk System - LSBX

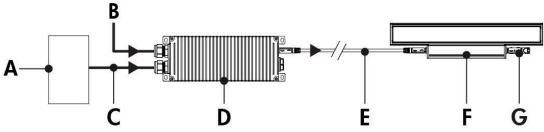


- A - Power input (120-277V, wiring by others)
- B - Large Power Supply (LGPSU) (order separately from Lumenpulse)
- C - Power input (48V, order separately from Lumenpulse - Trunk Power Cable (TKPWR), or equivalent by others. Refer to LSBX specification sheet for details)
- D - LSBX
- E - Power output to next LSBX (48V, order separately from Lumenpulse - Trunk Power Cable (TKPWR), or equivalent by others. Refer to LSBX specification sheet for details)
- F - Jumper cable (LOGNJC)
- G - Lumenfacade Nano Horizontal
- H - Terminator cap

- Consult factory for specific applications and maximum fixture count/run length recommendations.
- Maximum of 1 output to fixture run per LSBX.
- The LSBX has a maximum of 200W for output to fixtures. Consult the LSBX specification sheet for more information.
- The Large Power Supply (LGPSU) has a maximum of 1000W (120V) or 1200W (277V). Consult LGPSU specification sheet for more information.
- 2W version: 2 W/ft; 4W version: 4 W/ft; 7W version: 7 W/ft.

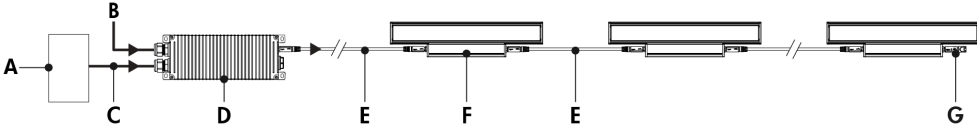
UCTL - Universal Control

Single Unit - LCBX 60W



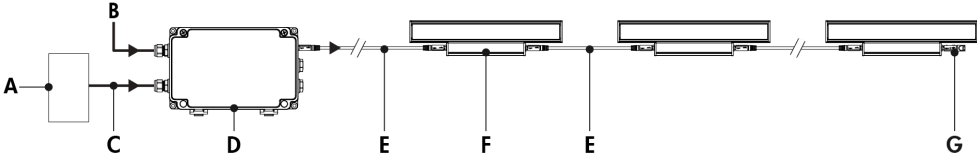
- A - Dimmer/controller (order separately from Lumenpulse, or by others)
- B - Power input (120-277V, wiring by others)
- C - Data input (wiring by others)
- D - LCBX (60W)
- E - Jumper cable (LOGNJC)
- F - Lumenfacade Nano Horizontal
- G - Terminator cap

Continuous Run - LCBX 60W or 120W



- A - Dimmer/controller (order separately from Lumenpulse, or by others)
- B - Power input (120-277V, wiring by others)
- C - Data input (wiring by others)
- D - LCBX (60W or 120W)
- E - Jumper cable (LOGNJC)
- F - Lumenfacade Nano Horizontal
- G - Terminator cap

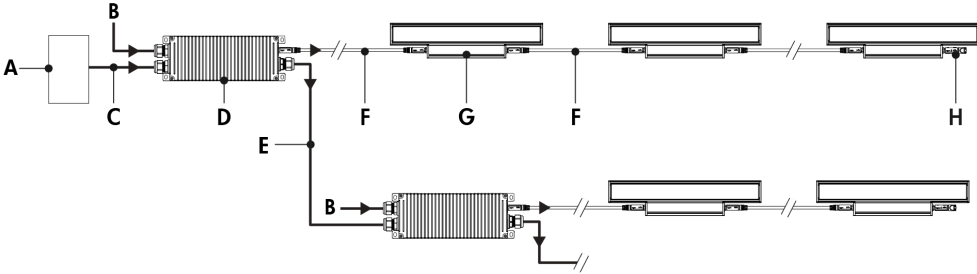
Continuous Run - LCBX 200W



- A - Dimmer/controller (order separately from Lumenpulse, or by others)
- B - Power input (120-277V, wiring by others)
- C - Data input (wiring by others)
- D - LCBX (200W)
- E - Jumper cable (LOGNJC)
- F - Lumenfacade Nano Horizontal
- G - Terminator cap

Continuous Run - Daisy Chain

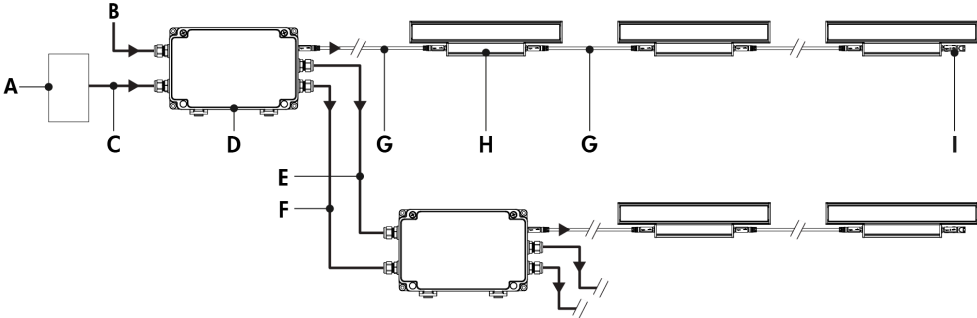
LCBX 60W or 120W



- A - Dimmer/controller (order separately from Lumenpulse, or by others)
- B - Power input (120-277V, wiring by others)
- C - Data input (wiring by others)
- D - LCBX (60W or 120W)
- E - Data output to next LCBX (wiring by others)
- F - Jumper cable (LOGNJC)
- G - Lumenfacade Nano Horizontal
- H - Terminator cap

Continuous Run - Daisy Chain

LCBX 200W



- A - Dimmer/controller (order separately from Lumenpulse, or by others)
- B - Power input (120-277V, wiring by others)
- C - Data input (wiring by others)
- D - LCBX (200W)
- E - Power output to next LCBX (120-277V, wiring by others)
- F - Data output to next LCBX (wiring by others)
- G - Jumper cable (LOGNJC)
- H - Lumenfacade Nano Horizontal
- I - Terminator cap

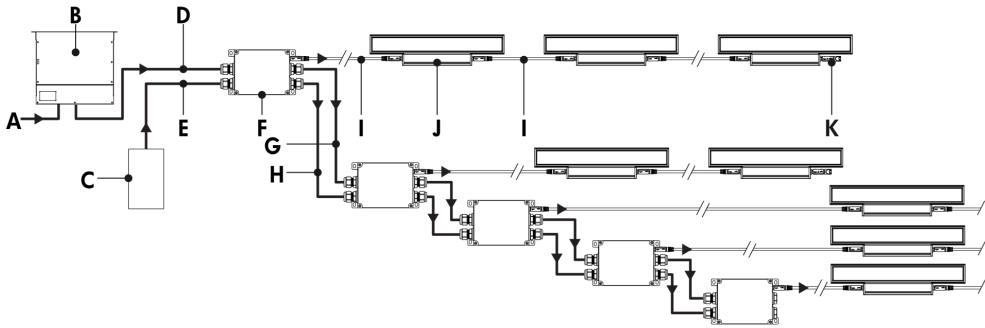
Maximum Run of Fixtures - Lumenfacade Nano® LOGNH White & Static Colors

| 10ft Jumper Cable                     |       |       |       |
|---------------------------------------|-------|-------|-------|
| Wattage                               | 2W/ft | 4W/ft | 7W/ft |
| Maximum Run of Fixtures per LCBX 60W  | 26ft  | 13ft  | 7ft   |
| Maximum Run of Fixtures per LCBX 120W | 52ft  | 25ft  | 15ft  |
| Maximum Run of Fixtures per LCBX 200W | 88ft* | 45ft  | 25ft  |
| 25ft Jumper Cable                     |       |       |       |
| Wattage                               | 2W/ft | 4W/ft | 7W/ft |
| Maximum Run of Fixtures per LCBX 60W  | 26ft  | 13ft  | 7ft   |
| Maximum Run of Fixtures per LCBX 120W | 52ft  | 25ft  | 15ft  |
| Maximum Run of Fixtures per LCBX 200W | 88ft* | 45ft  | 25ft  |
| 50ft Jumper Cable                     |       |       |       |
| Wattage                               | 2W/ft | 4W/ft | 7W/ft |
| Maximum Run of Fixtures per LCBX 60W  | 26ft  | 13ft  | 7ft   |
| Maximum Run of Fixtures per LCBX 120W | 52ft  | 25ft  | 15ft  |
| Maximum Run of Fixtures per LCBX 200W | 88ft* | 45ft  | 25ft  |

\*Example: 2W/ft = 88ft maximum run of end to end fixtures per LCBX 200W.  
(22 fixtures maximum for 4ft LOGNH 2W/ft, 88 fixtures maximum for 1ft LOGNH 2W/ft).  
Consult factory for system validation prior to quoting and ordering.

- Consult factory for specific applications and maximum fixture count/run length recommendations.
- Maximum of 1 output to fixture, or fixture run, per LCBX.
- Consult the LCBX specification sheet for more information.
- UCTL can be controlled via a 1-10V dimmer, DALI controller or DMX/RDM controller.
- For 1-10V dimming applications:
  - 1-10V mA ratings: Current Sink Mode: 2mA per LCBX; Current Source Mode: 2mA per LCBX.
- For DALI applications:
  - A maximum of 64 DALI fixtures per DALI loop.
- For DMX/RDM applications:
  - Each fixture requires 1 DMX channel.
- 1% minimum dimming value.
- 2W version: 2 W/ft; 4W version: 4 W/ft; 7W version: 7 W/ft.

Trunk System - LSBX

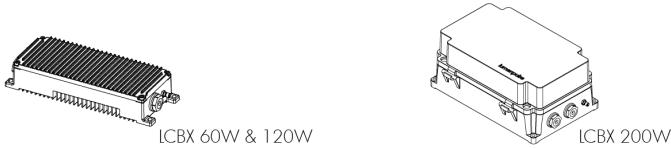


- A - Power input (120-277V, wiring by others)
- B - Large Power Supply (LGPSU) (order separately from Lumenpulse)
- C - Controller (order separately from Lumenpulse, or by others)
- D - Power input (48V, order separately from Lumenpulse - Trunk Power Cable (TKPWR), or equivalent by others. Refer to LSBX specification sheet for details)
- E - Data input (order separately from Lumenpulse - Trunk Data Cable (TKDMX), or equivalent by others. Refer to LSBX specification sheet for details)
- F - LSBX
- G - Power output to next LSBX (48V, order separately from Lumenpulse - Trunk Power Cable (TKPWR), or equivalent by others. Refer to LSBX specification sheet for details)
- H - Data output to next LSBX (order separately from Lumenpulse - Trunk Data Cable (TKDMX), or equivalent by others. Refer to LSBX specification sheet for details)
- I - Jumper cable (LOGNJC)
- J - Lumenfacade Nano Horizontal
- K - Terminator cap

- Consult factory for specific applications and maximum fixture count/run length recommendations.
- Maximum of 1 output to fixture run per LSBX.
- The LSBX has a maximum of 200W for output to fixtures. Consult the LSBX specification sheet for more information.
- The Large Power Supply (LGPSU) has a maximum of 1000W (120V) or 1200W (277V). Consult LGPSU specification sheet for more information.
- Each fixture requires 1 DMX channel.
- 1% minimum dimming value.
- 2W version: 2 W/ft; 4W version: 4 W/ft; 7W version: 7 W/ft.

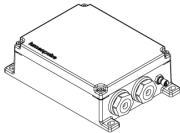
Control Boxes (Order Separately)

LCBX - Low-Voltage Control Box



Low-voltage control and power box. One power and data output to fixture, or fixture run. Refer to LCBX specification sheet for details.

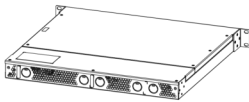
LSBX - Low-Voltage Splitter Box



Low-voltage control and power splitter box. One power and data output to fixture run. Refer to LSBX specification sheet for details.

Remote Power Supply (Order Separately)

LGPSU - Large Power Supply

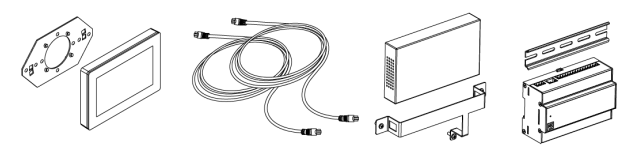


Monté sur rack

Indoor rack-mounted 1.2KW power supply allows for scalable DMX/RDM controlled Lumenfacade Nano systems. Wall Mount version coming soon, consult factory for details.

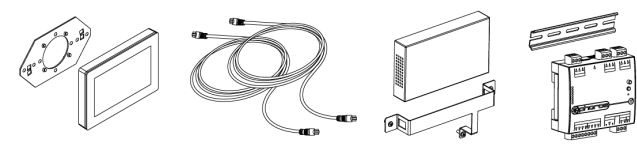
Control Systems (Order Separately)

PHAROS - Pharos® Designer Lighting Control Kit



The Pharos Designer Lighting Control Kit, available for 1 or 2 DMX universes, allows for complete control of large lighting installations.

EXPERT - Pharos® Express Control Kit



The Pharos Expert Control Kit, available for 1, 2, 4 or 6 DMX universes, allows for complete control of large lighting installations.

Diagnostic And Addressing Tools (Order Separately)

LID - LumenID



The updated LumenID (LID) is an all-in-one diagnostic and addressing solution for both DMX/RDM and Lumentalk (LT) systems. Engineered for versatility, it streamlines commissioning and troubleshooting across protocols—no need for multiple tools. Cable option may vary; please consult factory. For complete details, refer to the LID specification sheet.

How to Order

| Housing                                  | Wattage                                                                                  | Voltage              | Length                                                                                                                                                   | Color and Color Temperature <sup>(2)</sup>                                                                                                                                                                                                              | Color Rendering <sup>(4)</sup>                                  |
|------------------------------------------|------------------------------------------------------------------------------------------|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|
| LOGNH<br>Lumenfacade™ Nano<br>Horizontal | <b>2W</b><br>2 W/ft <sup>(1)</sup><br><br><b>4W</b><br>4 W/ft<br><br><b>7W</b><br>7 W/ft | <b>48V</b><br>48 VDC | <b>12</b><br>12 3/4 in (1.5 lbs)<br><br><b>24</b><br>24 3/4 in (3.2 lbs)<br><br><b>36</b><br>36 3/4 in (4.8 lbs)<br><br><b>48</b><br>48 3/4 in (6.5 lbs) | <b>22K</b><br>2200K<br><br><b>27K</b><br>2700K<br><br><b>30K</b><br>3000K<br><br><b>35K</b><br>3500K<br><br><b>40K</b><br>4000K<br><br><b>RD</b><br>Red <sup>(3)</sup><br><br><b>GR</b><br>Green <sup>(3)</sup><br><br><b>BL</b><br>Blue <sup>(3)</sup> | <b>80</b><br>CRI 80+<br><br><b>90</b><br>CRI 90+ <sup>(5)</sup> |

Notes:

1. Not available for static red, green or blue color options.

2. Consult factory for availability of static Royal Blue, 6500K and 90+ CRI.

3. Static colors made to order 8-10 weeks.
4. Not applicable to static red, green or blue color options.

5. Available for 27K and 30K color temperatures only.

How to Order

| Optic                                                                                                                                                                                                                                                                                                                                                                                                                                           | Lens                                                                                                                                                  | Mounting Options <sup>(12)</sup> <sup>(13)</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Finish                                                                                                                                                                                                          | Control <sup>(17)</sup>                                                                                          | Option                                                                                                                                                                   | Certification                                          | Buy American Act                                           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|------------------------------------------------------------|
| <b>8x8</b><br>8° x 8°<br><b>10x10</b><br>10° x 10°<br><b>10x30</b><br>10° x 30°<br><b>10x60</b><br>10° x 60°<br><b>10x90</b><br>10° x 90°<br><b>30x10</b><br>30° x 10°<br><b>30x30</b><br>30° x 30°<br><b>30x60</b><br>30° x 60°<br><b>60x10</b><br>60° x 10°<br><b>60x60</b><br>60° x 60°<br><b>60x90</b><br>60° x 90°<br><b>90x90</b><br>90° x 90°<br><b>W</b><br>Wide 120° <sup>(6)</sup><br><b>WW</b><br>Asymmetric Wallwash <sup>(7)</sup> | <b>CL</b><br>Clear Lens <sup>(8)</sup> <sup>(9)</sup><br><b>FR</b><br>Frosted Lens <sup>(10)</sup><br><b>HFR</b><br>Half-Frosted Lens <sup>(11)</sup> | <b>SAMNH</b><br>Slim Adjustable Mounting Nano Horizontal<br><b>UMPNH</b><br>Fixed Mounting Nano Horizontal<br><b>UMASNH</b><br>Universal Adjustable Mounting Nano Horizontal<br><b>WAMNH2</b><br>Adjustable Wall Mounting Nano Horizontal 2 in<br><b>WAMNH6</b><br>Adjustable Extended Arm Mounting Nano Horizontal 6 in<br><b>WAMNH12</b><br>Adjustable Extended Arm Mounting Nano Horizontal 12 in<br><b>WAMNH18</b><br>Adjustable Extended Arm Mounting Nano Horizontal 18 in<br><b>WAMNH28</b><br>Adjustable Extended Arm Mounting Nano Horizontal 28 in | <b>BK</b><br>Black Sandtex®<br><b>BRZ</b><br>Bronze Sandtex®<br><b>SI</b><br>Silver Sandtex®<br><b>WH</b><br>Smooth White<br><b>CC</b><br>Custom Color & Finish <sup>(14)</sup> <sup>(15)</sup> <sup>(16)</sup> | <b>NO</b><br>On/Off Control<br><b>UCTL</b><br>Universal control (compatible with 0-10V, DALI or DMX/RDM systems) | <b>CRC</b><br>Corrosion-Resistant Coating <sup>(18)</sup> <sup>(19)</sup><br><b>3GV</b><br>3G ANSI C136.31-2010 Vibration Rating for Bridge Applications <sup>(20)</sup> | <b>UL</b><br>UL Compliant<br><b>CE</b><br>CE Compliant | <b>BAA</b><br>Buy American <sup>(21)</sup> <sup>(22)</sup> |

Notes:

6. Not compatible with louver or visor optical accessories.

7. Not compatible with louver optical accessory.

8. Not available for 10x10, W or WW optics.

9. To use only if fixture is lighting the surface perpendicularly. If the fixture is installed close to the wall, select the Half-Frosted lens to soften the beam on the wall.

10. Not available for WW optic.

11. Available for 8x8, 10x10, 10x30 or WW optics only.

12. One mounting bracket provided for 12 in fixtures. Two mounting brackets provided for 24 in, 36 in and 48 in fixtures.

13. Refer to Mounting Bracket Placement section in the specification sheet for mounting bracket distances that must be respected.
14. Lumenpulse offers a wide selection of RAL CLASSIC (K7) colors with a smooth texture and high-gloss finish. Please consult factory for a list of available K7 colors, other RAL textures and glosses, or to match alternate color charts. Final color matching results may vary.

15. Setup charges apply for RAL colors. Consult factory for details.

16. Longer lead times can be expected for custom RAL color finishes.

17. A Low-Voltage Control Box (LCBX) or Low-Voltage Splitter Box (LSBX) and LumenID (LID) must be specified.

18. Use only when exposed to salt spray. This option is not required for normal outdoor exposure.

19. Setup charges apply. Consult factory for details.

20. Not available for SAMNH mounting option. Mounting bracket distances that must be respected, consult Mounting Bracket Placement section in the specification sheet for details.

21. Not available with CE certification option.

22. Contact your Lumenpulse Sales Representative for more information on order volume details.