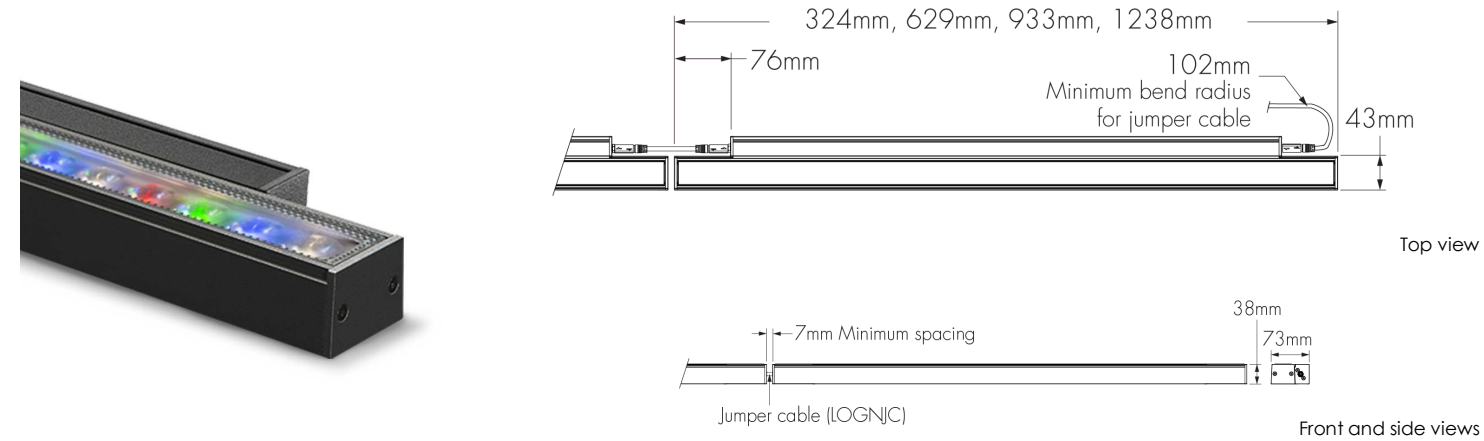


Project Name

Qty

Type

Catalog / Part Number

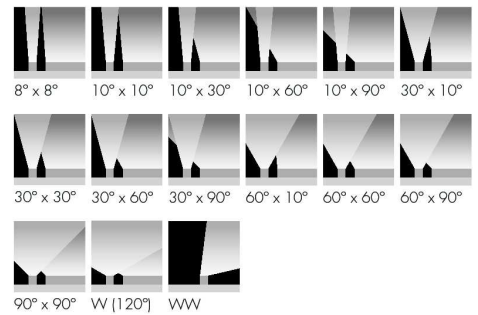


Photometric Summary (26.24 W/m)

|          | Delivered output (lm) | Intensity (peak cd) |
|----------|-----------------------|---------------------|
| 8°x8°    | 1,538                 | 41,559              |
| 10°x10°  | 1,487                 | 32,423              |
| 10°x30°  | 1,442                 | 9,172               |
| 10°x60°  | 1,434                 | 4,891               |
| 10°x90°  | 1,437                 | 2,564               |
| 30°x10°  | 1,446                 | 9,143               |
| 30°x30°  | 1,558                 | 3,598               |
| 30°x60°  | 1,511                 | 2,276               |
| 30°x90°  | 1,522                 | 1,645               |
| 60°x10°  | 1,433                 | 4,981               |
| 60°x60°  | 1,526                 | 1,128               |
| 60°x90°  | 1,516                 | 1,358               |
| 90°x90°  | 1,491                 | 922                 |
| W (120°) | 867                   | 426                 |
| WW       | 1,532                 | 7,430               |

Based on RGBW40K full output, 4ft [1219mm], UCTL control configuration.  
Photometric performance is measured in compliance with IESNA LM-79-08.

Optics



Colours and Colour Temperatures



Description

The Lumenfacade Nano Horizontal Colour Changing is a high-efficiency linear LED luminaire with a slim profile that makes it easy to conceal and integrate into architectural facades. Available in 305 mm, 610 mm, 914 mm or 1219 mm sections, the Lumenfacade Nano Horizontal Colour Changing can be configured with a wide number of options, including: optics for grazing, floodlighting, or wall washing; RGB, RGBW, or RGBA colour mixing; various mounting options, finishes, and controls; as well as Legacy or Custom output modes.

Features

|                               |                                                                                                                                                                             |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Colour and Colour Temperature | RGB, RGB + White 3000K, RGB + White 4000K, RGB + Amber                                                                                                                      |
| 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°, 30° x 90°, 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             | 13.12 W/m, 26.24 W/m                                                                                                                                                        |
| Warranty                      | 5-year limited warranty                                                                                                                                                     |

Performance

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Maximum Delivered Output | 895 lm (1219 mm fixture, RGB 13.12 W/m, full output, 8° x 8°, UCTL control)<br>1,408 lm (1219 mm fixture, RGB 26.24 W/m, full output, 8° x 8°, UCTL control)<br>986 lm (1219 mm fixture, RGBW30K 13.12 W/m, full output, 8° x 8°, UCTL control)<br>1,507 lm (1219 mm fixture, RGBW30K 26.24 W/m, full output, 8° x 8°, UCTL control)<br>1,006 lm (1219 mm fixture, RGBW40K 13.12 W/m, full output, 8° x 8°, UCTL control)<br>1,538 lm (1219 mm fixture, RGBW40K 26.24 W/m, full output, 8° x 8°, UCTL control)<br>878 lm (1219 mm fixture, RGBA 13.12 W/m, full output, 8° x 8°, UCTL control)<br>1,339 lm (1219 mm fixture, RGBA 26.24 W/m, full output, 8° x 8°, UCTL control) |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Controls

UCTL

Ratings

IP66 IK08

Certifications



|                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Maximum Delivered Intensity | 24,186 cd at nadir (1219 mm fixture, RGB 13.12 W/m, full output , 8°x8°, UCTL control)<br>38,044 cd at nadir (1219 mm fixture, RGB 26.24 W/m, full output , 8°x8°, UCTL control)<br>26,643 cd at nadir (1219 mm fixture, RGBW30K 13.12 W/m, full output , 8°x8°, UCTL control)<br>40,732 cd at nadir (1219 mm fixture, RGBW30K 26.24 W/m, full output , 8°x8°, UCTL control)<br>27,187 cd at nadir (1219 mm fixture, RGBW40K 13.12 W/m, full output , 8°x8°, UCTL control)<br>41,559 cd at nadir (1219 mm fixture, RGBW40K 26.24 W/m, full output , 8°x8°, UCTL)<br>23,722 cd at nadir (1219 mm fixture, RGBA 13.12 W/m, full output, 8°x8°, UCTL control)<br>36,183 cd at nadir (1219 mm fixture, RGBA 26.24 W/m, full output , 8°x8°, UCTL control)                          |
| Illuminance at Distance     | Minimum 1 lx at 156 m (1219 mm fixture, RGB 13.12 W/m, full output, 8°x8°, UCTL control)<br>Minimum 1 lx at 195 m (1219 mm fixture, RGB 26.24 W/m, full output, 8°x8°, UCTL control)<br>Minimum 1 lx at 163 m (1219 mm fixture, RGBW30K 13.12 W/m, full output, 8°x8°, UCTL control)<br>Minimum 1 lx at 202 m (1219 mm fixture, RGBW30K 26.24 W/m, full output, 8°x8°, UCTL control)<br>Minimum 1 lx at 165 m (1219 mm fixture, RGBW40K 26.2 W/m, full output, 8°x8°, UCTL control)<br>Minimum 1 lx at 204 m (1219 mm fixture, RGBW40K 26.24 W/m full output, 8°x8°, UCTL control)<br>Minimum 1 lx at 154 m (1219 mm fixture, RGBA 13.12 W/m, full output, 8° x 8°, UCTL control)<br>Minimum 1 lx at 190 m (1219 mm fixture, RGBA 26.24 W/m, full output, 8°x8°, UCTL control) |
| Lumen Maintenance           | L70 B50 >90,000 hrs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Physical                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Housing Material            | Low copper content extruded aluminium                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Lens Material               | Clear tempered glass                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Hardware Material           | Stainless steel                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| End Cap Material            | Machined aluminium                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Gasket Material             | Silicone                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Surface Finish              | Electrostatically applied polyester powder coat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Weight                      | 0.68 kg (305 mm)<br>1.45 kg (610 mm)<br>2.18 kg (914 mm)<br>2.95 kg (1219 mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Electrical and Control      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Voltage                     | 48 VDC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Inrush Current (Peak)       | LCBX 60W: 20A @277VAC<br>LCBX 120W: 40A @277VAC<br>LCBX 200W: 75A @230VAC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Resolution (DMX/RDM)        | Per foot or per fixture (configured with LumenID V3 software), 8-bit or 16-bit, 3 channels (RGB) or 4 channels (RGBW30K, RGBW40K and RGBA)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| RGB Colour Mixing           | 12 LEDs per 305 mm (4x Red, 4x Green, 4x Blue)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| RGBW30K Colour Mixing       | 12 LEDs per 305 mm (3x Red, 3x Green, 3x Blue, 3x White 3000K)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

|                       |                                                                      |
|-----------------------|----------------------------------------------------------------------|
| RGBW40K Colour Mixing | 12 LEDs per 305 mm (3x Red, 3x Green, 3x Blue, 3x White 4000K)       |
| RGBA Colour Mixing    | 12 LEDs per 305 mm (3x Red, 3x Green, 3x Blue, 3x Amber)             |
| Control               | Universal control (compatible with DMX/RDM or DALI-2 Type 8 systems) |

Environmental

|                           |                                                                                 |
|---------------------------|---------------------------------------------------------------------------------|
| Storage Temperature       | -40 °C to 85 °C (device must reach start-up temperature value before operating) |
| Start-up Temperature      | -25 °C to 50 °C                                                                 |
| Operating Temperature     | -40 °C to 50 °C                                                                 |
| Ingress Protection Rating | IP66                                                                            |
| Impact Resistance Rating  | IK08 (IK09 for 1219 mm fixtures)                                                |

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 Visor (LOGNVS)                                                                                                                   |
| Control Systems                 | Pharos® kit (PHAROS)                                                                                                                              |
| Diagnostic and Addressing Tools | LumenID (LID)                                                                                                                                     |

Photometric Information

13.12 W/m (RGBW40K)

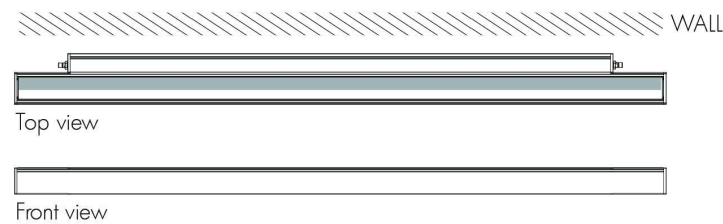
|          | Delivered output (lm) | Intensity (peak cd) |
|----------|-----------------------|---------------------|
| 8°x8°    | 863                   | 23,323              |
| 10°x10°  | 835                   | 18,196              |
| 10°x30°  | 809                   | 5,147               |
| 10°x60°  | 805                   | 2,745               |
| 10°x90°  | 807                   | 1,439               |
| 30°x10°  | 812                   | 5,131               |
| 30°x30°  | 875                   | 2,021               |
| 30°x60°  | 849                   | 1,279               |
| 30°x90°  | 855                   | 924                 |
| 60°x10°  | 804                   | 3,185               |
| 60°x60°  | 857                   | 634                 |
| 60°x90°  | 852                   | 763                 |
| 90°x90°  | 837                   | 518                 |
| W (120°) | 487                   | 239                 |
| WW       | 860                   | 4,170               |

Based on RGBW40K full output, 1.2 m, UCTL control configuration.

Photometric performance is measured in compliance with IESNA LM 79-08.

Optical Option Installation Details

HFR - Half-Frosted Lens

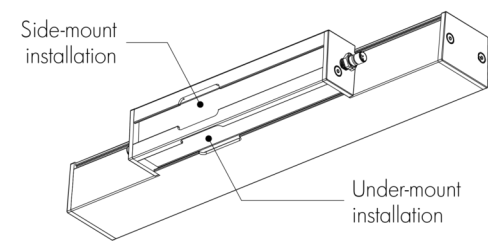


- Always position frosted side toward the wall.
- Applicable for 8° x 8°, 10° x 10° or asymmetric wallwash optics only.

WW - Asymmetric Wallwash

Recommended setback from wall is 1/10 of the wall height.  
 Example: 0.6 m setback for a 6 m wall.

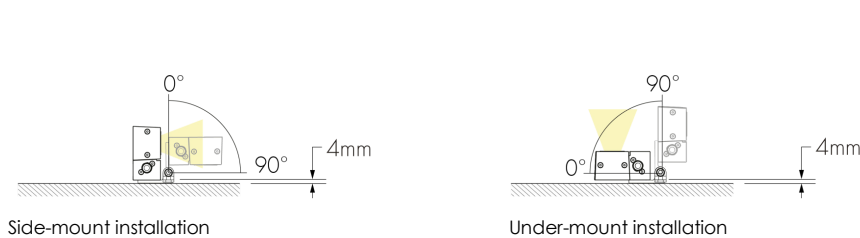
Mounting Points



Mounting Options

One mounting bracket provided for 305 mm fixtures. Two mounting brackets provided for 610 mm, 914 mm and 1219 mm fixtures. See installation instructions for details.

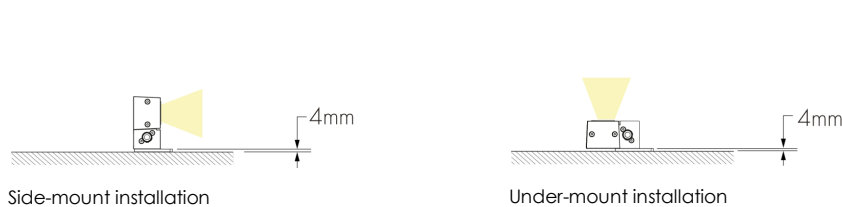
SAMNH - Slim Adjustable Mounting Nano Horizontal



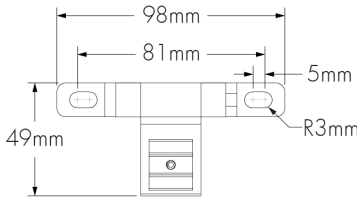
Not suitable when fixture is exposed to wind.

One mounting bracket provided for 305 mm fixtures. Two mounting brackets provided for 610 mm, 914 mm and 1219 mm fixtures. See installation instructions for details.

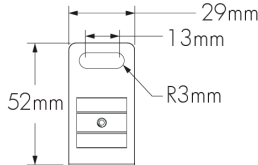
UMPNH - Fixed Mounting Nano Horizontal



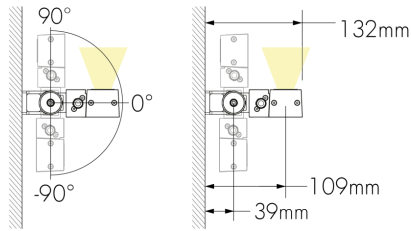
SAMNH - Mounting Hole Pattern



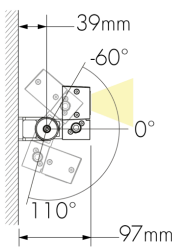
UMPNH - Mounting Hole Pattern



UMASNH - Universal Adjustable Mounting Nano

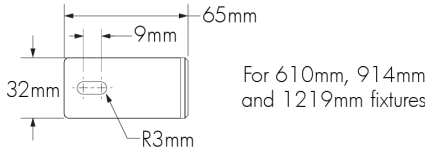
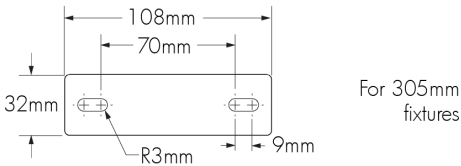


Side-mount installation

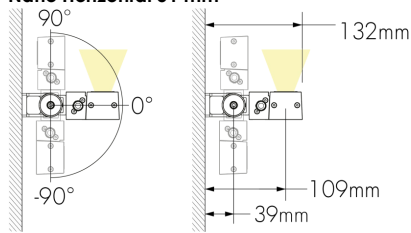


Under-mount installation

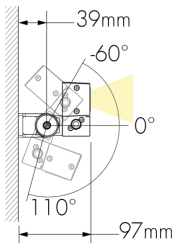
UMASNH - Mounting Hole Pattern



WAMNH2 - Adjustable Extended Arm Mounting  
Nano Horizontal 51 mm

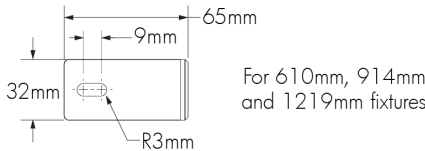
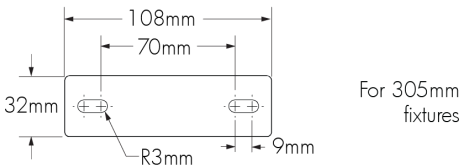


Side-mount installation

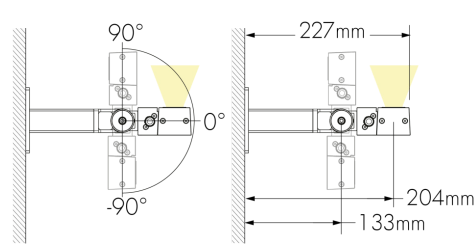


Under-mount installation

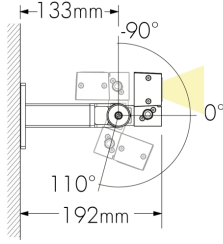
WAMNH2 - Mounting Hole Pattern



WAMNH6 - Adjustable Extended Arm Mounting  
Nano Horizontal 152 mm

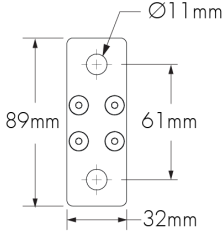


Side-mount installation

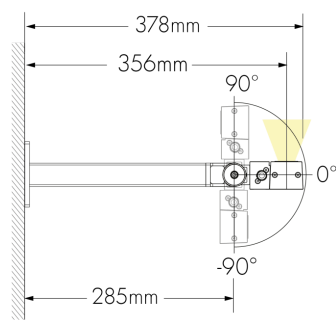


Under-mount installation

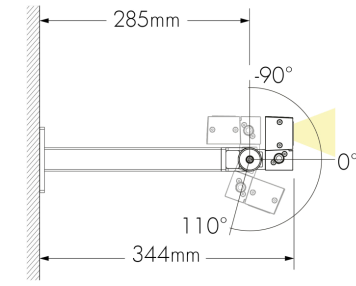
WAMNH6 - Mounting Hole Pattern



WAMNH12 - Adjustable Extended Arm Mounting  
Nano Horizontal 305 mm

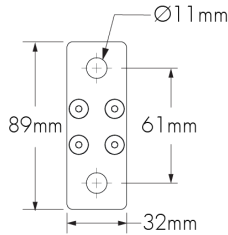


Side-mount installation

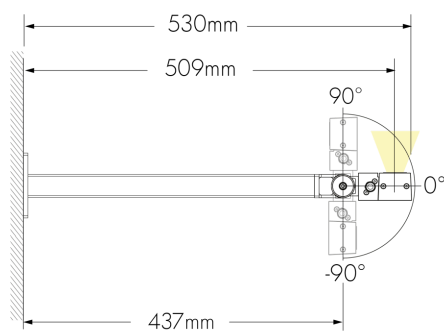


Under-mount installation

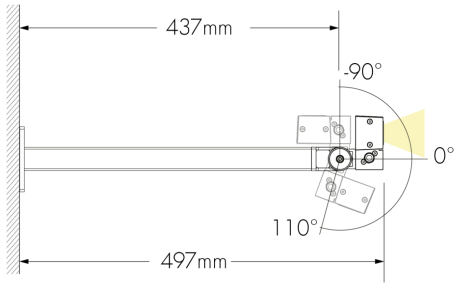
WAMNH12 - Mounting Hole Pattern



WAMNH18 - Adjustable Extended Arm Mounting  
Nano Horizontal 457 mm

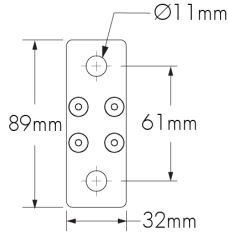


Side-mount installation

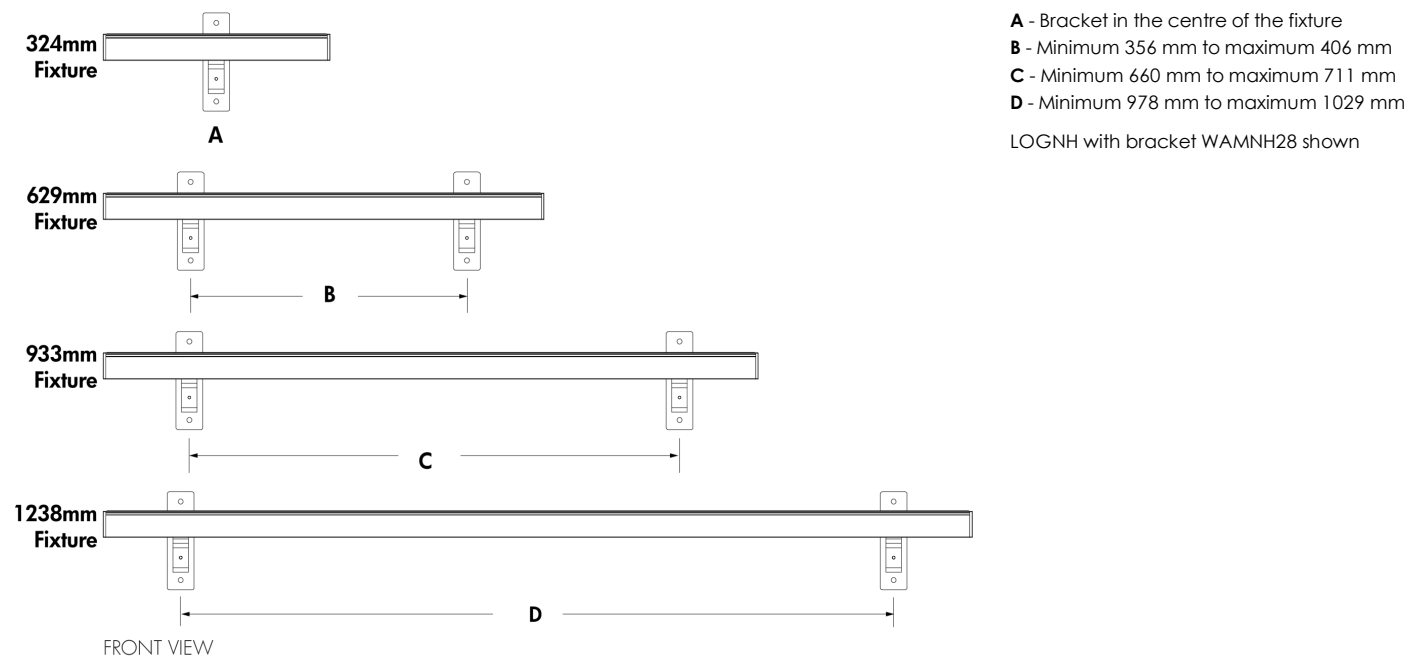


Under-mount installation

WAMNH18 - Mounting Hole pattern



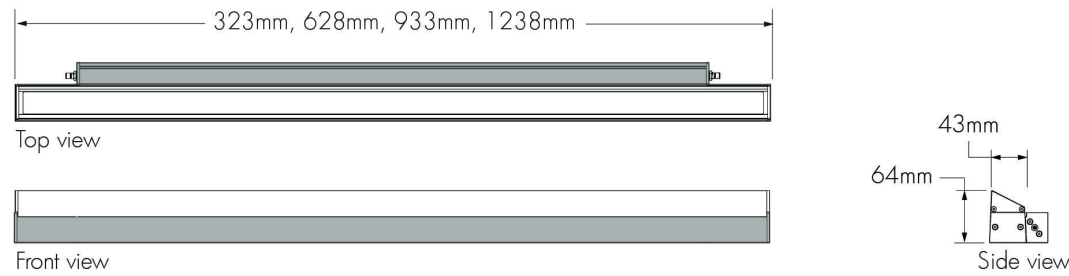
Mounting Bracket Placement (Minimum and Maximum Distances)



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

Optical Accessories (Order Separately)

LOGNVS - Visor For Lumenfacade Nano

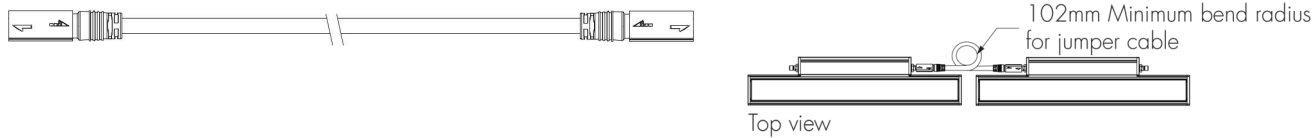


LOGNVS-LENGTH-FINISH-OPTIONS

- Please specify:
- LENGTH:** 305 mm, 610 mm, 914 mm or 1219 mm; **FINISH:** BK - Black Sandtex®, BRZ - Bronze Sandtex®, SI - Silver Sandtex®, WH - Smooth white or CC - custom colour and finish (please specify RAL colour); **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.
  - Maximum one accessory per fixture. Visors are field installable.

Cables (Order Separately)

LOGNJC - Jumper Cable For Lumenfacade Nano



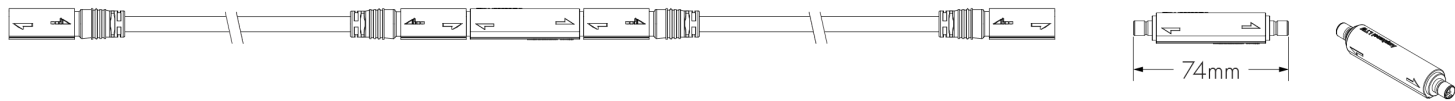
For minimal spacing between fixtures, use a 0.3 m jumper cable.

LOGNJC-CERTIFICATION-LENGTH-CABLE COLOUR

- Please specify:
- CERTIFICATION:** UL or CE; **LENGTH:** 0.3 m to 9 m, 10 m or 15 m; **CABLE COLOUR:** black or white (connectors are the same colour as the specified cable colour).
- 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)

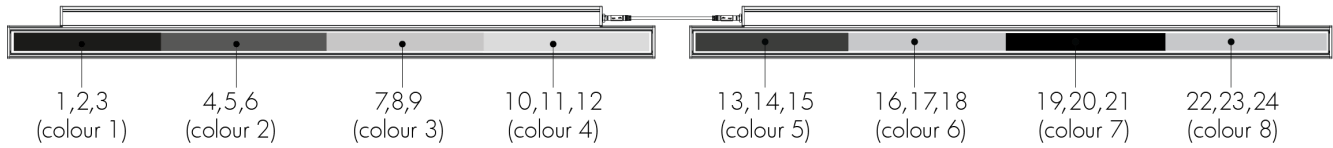
LOGNJC-JOINER - Joiner For Lumenfacade Nano Jumper Cable



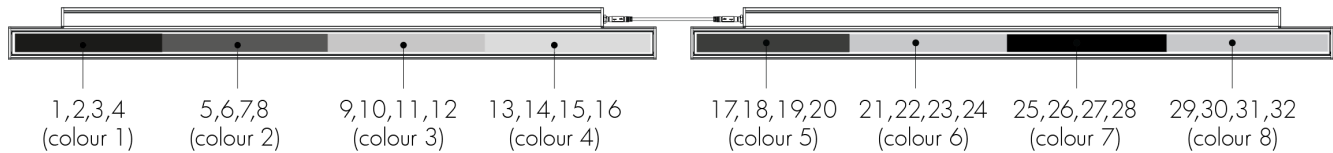
- Use joiners to connect and lengthen jumper cables.
- Joiners add voltage drops. Consult factory to confirm impact on run length.
- Available in black.

Resolution Details

DMX/RDM Control, Resolution Per Foot: Each 305 mm Section is Addressed Independently  
DMX Addresses:

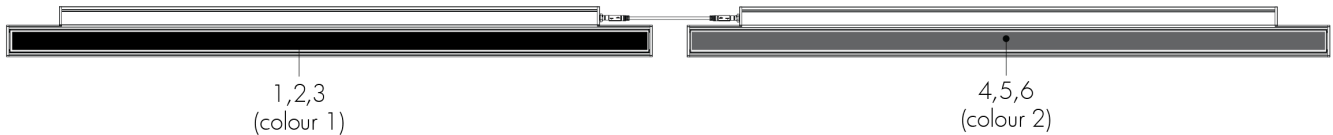


UCTL control option, RGB colour mixing option.



UCTL control option, RGBW30K, RGBW40K and RGBA colour mixing options.

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



UCTL control option, RGB colour mixing option.



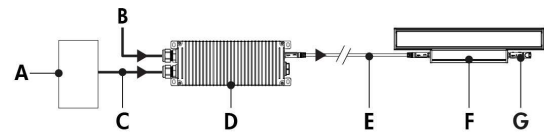
UCTL control option, RGBW30K, RGBW40K and RGBA colour mixing options.

- 1219 mm fixtures shown.
- Fixture resolution can be configured on-site within the LumenID V3 software. A DMX/RDM enabled LCBX or DMX/RDM LSBX is required for DMX/RDM control.

Typical Wiring Diagrams

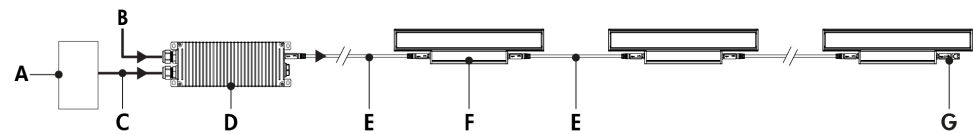
UCTL - Universal Control

Single Unit - LCBX 60W



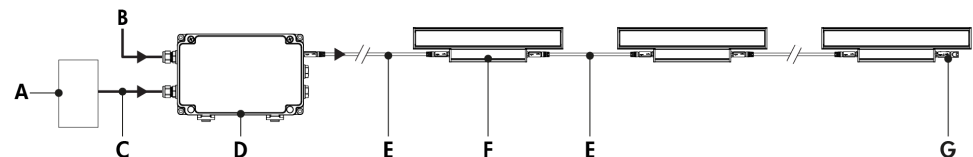
- A - Controller (order separately from Lumenpulse, or by others)
- B - Power input (120-277V, wiring by others)
- C - Data input (wiring by others)
- D - LCBX (60W)
- E - Jumper cable (LOGNJC)
- F - Lumenfacade Nano Horizontal
- G - Terminator cap

Continuous Run - LCBX 60W or 120W



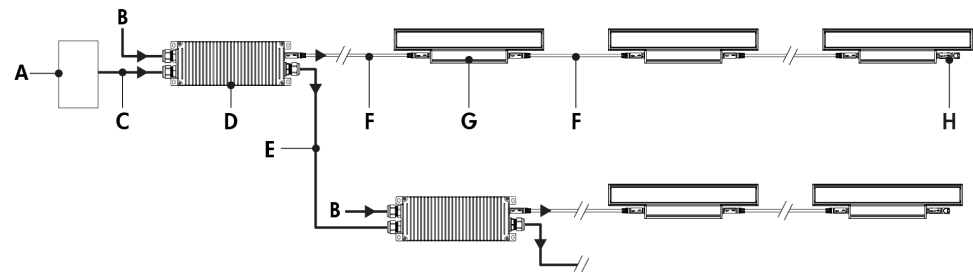
- A - Controller (order separately from Lumenpulse, or by others)
- B - Power input (120-277V, wiring by others)
- C - Data input (wiring by others)
- D - LCBX (60W or 120W)
- E - Jumper cable (LOGNJC)
- F - Lumenfacade Nano Horizontal
- G - Terminator cap

Continuous Run - LCBX 200W



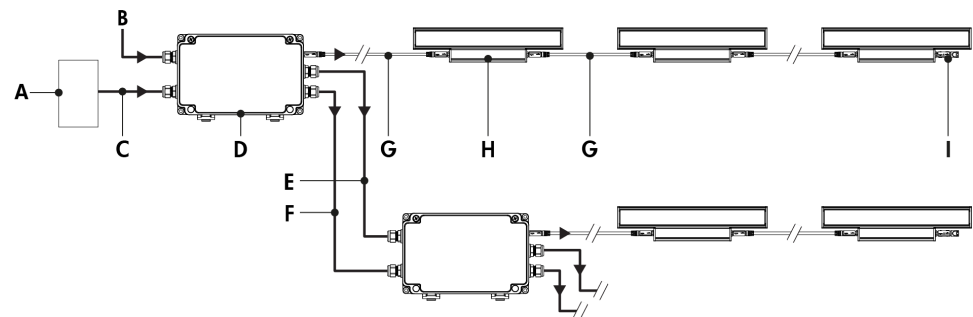
- A - Controller (order separately from Lumenpulse, or by others)
- B - Power input (120-277V, wiring by others)
- C - Data input (wiring by others)
- D - LCBX (200W)
- E - Jumper cable (LOGNJC)
- F - Lumenfacade Nano Horizontal
- G - Terminator cap

Continuous Run - Daisy Chain  
LCBX 60W or 120W



- A - 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 - 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

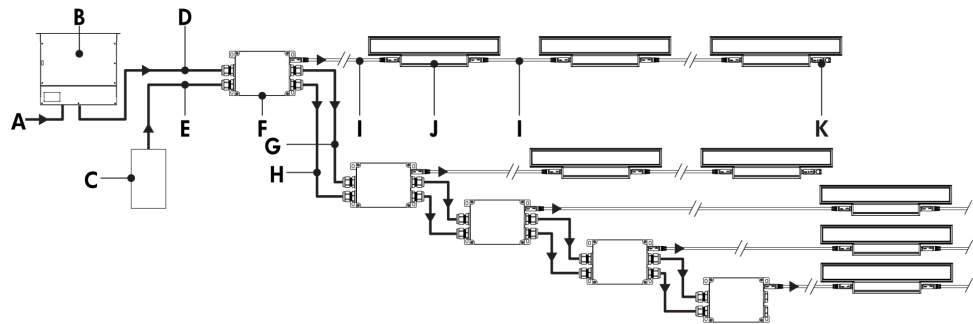
Maximum Run of Fixtures - Lumenfacade Nano® LOGNH Colour Changing

| 3m Jumper Cable                       |          |          |  |
|---------------------------------------|----------|----------|--|
| Wattage                               | 13.12W/m | 26.24W/m |  |
| Maximum Run of Fixtures per LCBX 60W  | 3.9m     | 1.8m     |  |
| Maximum Run of Fixtures per LCBX 120W | 7.6m     | 3.9m     |  |
| Maximum Run of Fixtures per LCBX 200W | 13.7m*   | 6.7m     |  |
| 7.6m Jumper Cable                     |          |          |  |
| Wattage                               | 13.12W/m | 26.24W/m |  |
| Maximum Run of Fixtures per LCBX 60W  | 3.9m     | 1.8m     |  |
| Maximum Run of Fixtures per LCBX 120W | 7.6m     | 3.9m     |  |
| Maximum Run of Fixtures per LCBX 200W | 13.7m*   | 6.7m     |  |
| 15.2m Jumper Cable                    |          |          |  |
| Wattage                               | 13.12W/m | 26.24W/m |  |
| Maximum Run of Fixtures per LCBX 60W  | 3.9m     | 1.8m     |  |
| Maximum Run of Fixtures per LCBX 120W | 7.6m     | 3.9m     |  |
| Maximum Run of Fixtures per LCBX 200W | 13.7m*   | 6.7m     |  |

\*Example: 13.12W/m = 13.7m maximum run of end to end fixtures per LCBX 200W.  
(11 fixtures maximum for 1238mm LOGNH 13.12W/m, 45 fixtures maximum for 324mm LOGNH 13.12W/m).  
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.
- RGB colour mixture option requires 3 DMX channels. RGBW30K and RGBW40K colour mixture options require 4 DMX channels. RGBA colour mixture option requires 4 DMX channels.
- Fixtures can be controlled via a DMX/RDM or DALI controller.
- For DALI-2 Type 8 applications: The LCBX responds to RGBWAF control.
- 4W version: 13.12 W/m, 8W version: 26.24 W/m.

Trunk System - LSBX

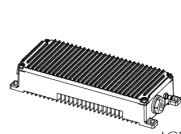


- A** - Power input (120-277V, wiring by others)
- B** - Large Power Supply (LGPSU) (order separately from Lumenpulse)
- C** - Controller (order separately from Lumenpulse, or by others)
- D** - Power input (48V, order separately from Lumenpulse - Trunk Power Cable (TKPWR), or equivalent by others. Refer 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.
- RGB colour mixture option requires 3 DMX channels. RGBW30K and RGBW40K colour mixture options require 4 DMX channels. RGBA colour mixture option requires 4 DMX channels.
- 4W version:13.12 W/m, 8W version: 26.24 W/m.

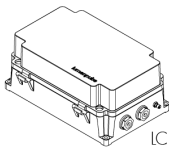
Control Boxes (Order Separately)

LCBX - Low-Voltage Control Box



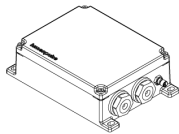
LCBX 60W & 120W

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



LCBX 200W

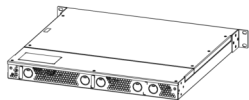
LSBX - Low-Voltage Splitter Box



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

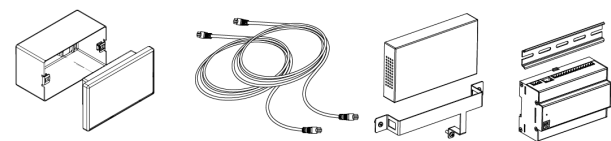


Monté sur rack

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)

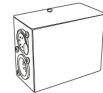
PHAROS - Pharos® Kit



The Pharos kit, available for 1 or 2 DMX universes, allows for complete control of large lighting installations. 2 DMX universes kit shown.

Diagnostic And Addressing Tools (Order Separately)

LID - LumenID



LumenID is a diagnostic and addressing DMX/RDM tool. It must be specified on all DMX applications. Consult LID specification sheet for details.

How to Order

| Housing                                  | Wattage                                              | Voltage              | Length                         | Colour and Colour Temperature                      | Optic                                |
|------------------------------------------|------------------------------------------------------|----------------------|--------------------------------|----------------------------------------------------|--------------------------------------|
| LOGNH<br>Lumenfacade™ Nano<br>Horizontal | <b>4W</b><br>13.12 W/m<br><br><b>8W</b><br>26.24 W/m | <b>48V</b><br>48 VDC | <b>12</b><br>324 mm (0.64 kg)  | <b>RGB</b><br>RGB                                  | <b>8x8</b><br>8° x 8°                |
|                                          |                                                      |                      | <b>24</b><br>629 mm (1.32 kg)  | <b>RGBW30K</b><br>RGB + White 3000K <sup>(1)</sup> | <b>10x10</b><br>10° x 10°            |
|                                          |                                                      |                      | <b>36</b><br>933 mm (2 kg)     | <b>RGBW40K</b><br>RGB + White 4000K <sup>(1)</sup> | <b>10x30</b><br>10° x 30°            |
|                                          |                                                      |                      | <b>48</b><br>1238 mm (2.72 kg) | <b>RGBA</b><br>RGB + Amber                         | <b>10x60</b><br>10° x 60°            |
|                                          |                                                      |                      |                                |                                                    | <b>10x90</b><br>10° x 90°            |
|                                          |                                                      |                      |                                |                                                    | <b>30x10</b><br>30° x 10°            |
|                                          |                                                      |                      |                                |                                                    | <b>30x30</b><br>30° x 30°            |
|                                          |                                                      |                      |                                |                                                    | <b>30x60</b><br>30° x 60°            |
|                                          |                                                      |                      |                                |                                                    | <b>30x90</b><br>30° x 90°            |
|                                          |                                                      |                      |                                |                                                    | <b>60x10</b><br>60° x 10°            |
|                                          |                                                      |                      |                                |                                                    | <b>60x60</b><br>60° x 60°            |
|                                          |                                                      |                      |                                |                                                    | <b>60x90</b><br>60° x 90°            |
|                                          |                                                      |                      |                                |                                                    | <b>90x90</b><br>90° x 90°            |
|                                          |                                                      |                      |                                |                                                    | <b>W</b><br>Wide 120° <sup>(2)</sup> |
|                                          |                                                      |                      |                                |                                                    | <b>WW</b><br>Asymmetric Wallwash     |

Notes:

1. 2700K, 3500K and Royal Blue available, consult factory. Longer lead times apply.

2. Not compatible with visor optical accessory.

How to Order

| Lens                                                                                                                                                | Mounting Options <sup>(7)</sup> <sup>(8)</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Finish                                                                                                                                                                                                          | Control <sup>(12)</sup>                                                             | Option                                                                                                                                                                   | Certification                                          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|
| <b>CL</b><br>Clear Lens <sup>(3)</sup> <sup>(4)</sup><br><b>FR</b><br>Frosted Lens <sup>(5)</sup><br><b>HFR</b><br>Half-Frosted Lens <sup>(6)</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 51 mm<br><b>WAMNH6</b><br>Adjustable Extended Arm Mounting Nano Horizontal 152 mm<br><b>WAMNH12</b><br>Adjustable Extended Arm Mounting Nano Horizontal 305 mm<br><b>WAMNH18</b><br>Adjustable Extended Arm Mounting Nano Horizontal 457 mm<br><b>WAMNH28</b><br>Adjustable Extended Arm Mounting Nano Horizontal 711 mm | <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 Colour & Finish <sup>(9)</sup> <sup>(10)</sup> <sup>(11)</sup> | <b>UCTL</b><br>Universal control (compatible with DMX/RDM or DALI-2 Type 8 systems) | <b>CRC</b><br>Corrosion-resistant coating <sup>(13)</sup> <sup>(14)</sup><br><b>3GV</b><br>3G ANSI C136.31-2010 Vibration Rating for Bridge Applications <sup>(15)</sup> | <b>UL</b><br>UL Compliant<br><b>CE</b><br>CE Compliant |

Notes:

**3.** Not available for 10x10, W or WW optics.

**4.** 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.

**5.** Not available for WW optic.

**6.** Available for 8x8, 10x10 or WW optics only.

**7.** One mounting bracket provided for 305 mm fixtures. Two mounting brackets provided for 610 mm, 914 mm and 1219 mm fixtures.

**8.** Refer to Mounting Bracket Placement section in the specification sheet for mounting bracket distances that must be respected.

**9.** Lumenpulse offers a wide selection of RAL CLASSIC (K7) colours with a smooth texture and high-gloss finish. Please consult factory for a list of available K7 colours, other RAL textures and glosses, or to match alternate colour charts. Final colour matching results may vary.

**10.** Setup charges apply for RAL colours. Consult factory for details.

**11.** Longer lead times can be expected for custom RAL colour finishes.

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

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

**14.** Setup charges apply. Consult factory for details.

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