

LED RIESE WALL WASHER

Data Sheet Document.



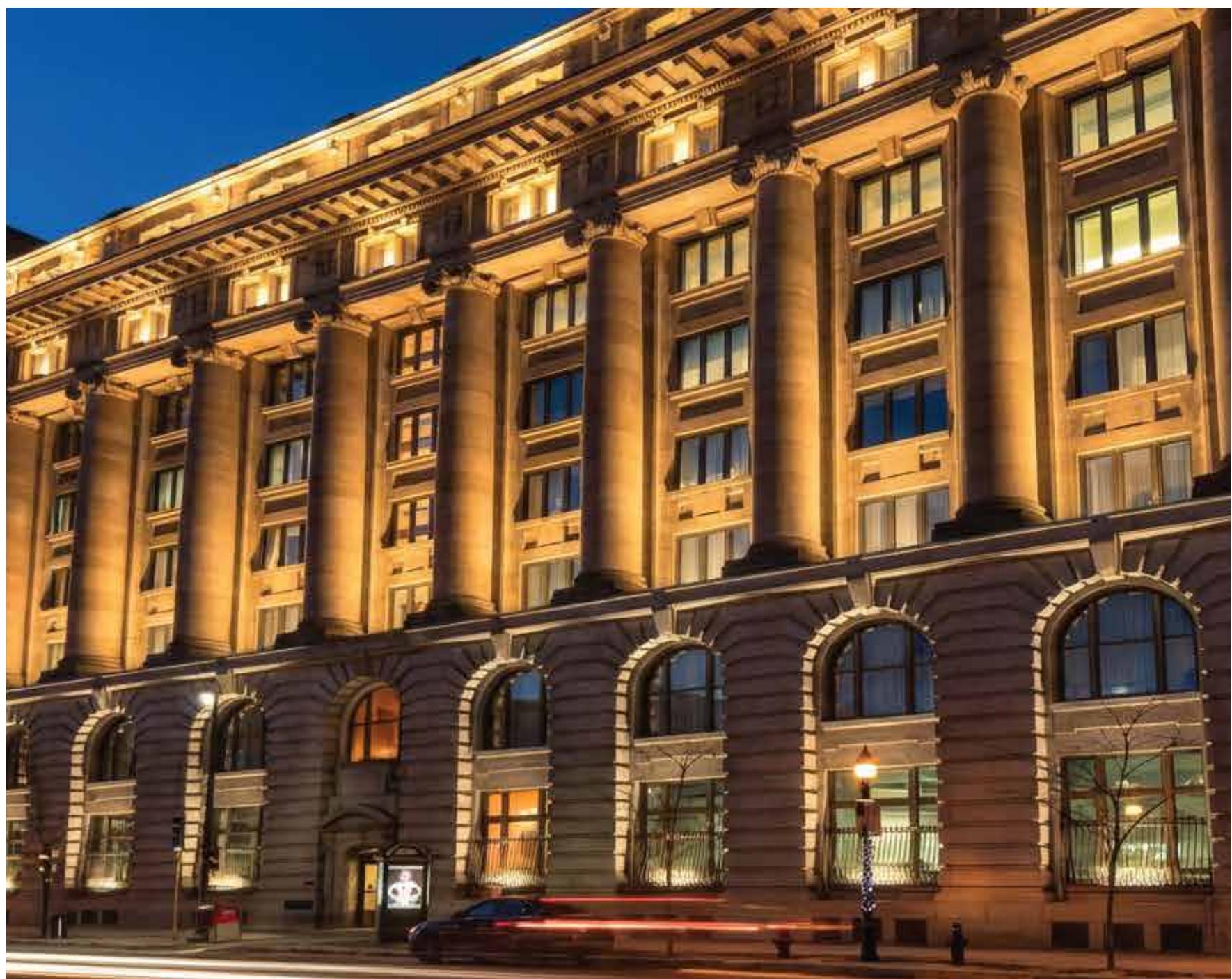
IP
65

5Y
WAR

39.1 W

CRI
>80

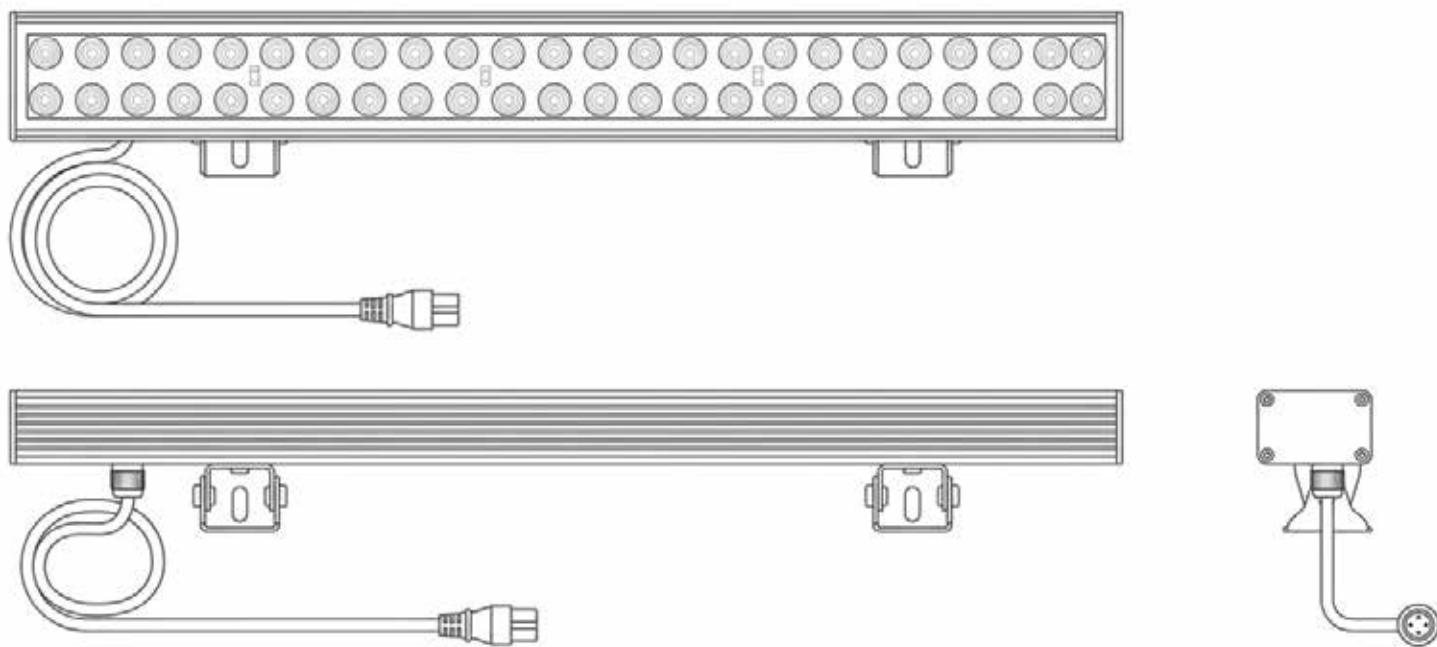
50.000
HOURS

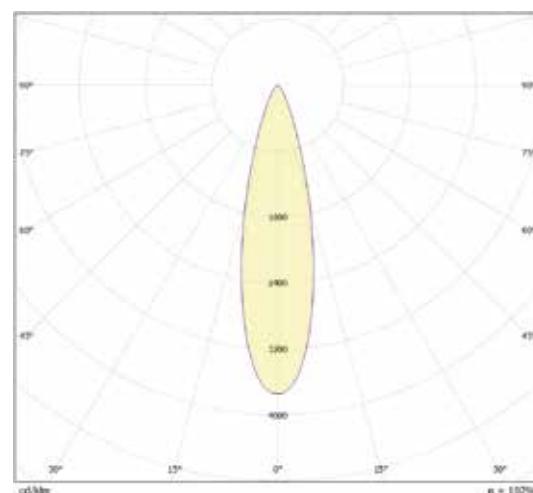


01 ORDER CODE

02 DIMENSIONS (MM)

- NSL-WW-RIS-SPI-46W/M-RGBW-IP65
- W70 H123 L850 mm



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|-------------------|----------------------------------|--|-------------------|--------|---------|-----|------------------|-------|-----|------|-----|-----|-------------|-----------|--------------|-------------------|----------|---------------|---------|----------|-------------|--------|------------|--------------------------|-----------|-------------|----------------|----------------|--------------|----------------|--------------|----------------|----------|--------------------------------|-----------|------|------------|----------------------|------------|----------|----------|---------|-------|------|
| 03 | GENERAL PRODUCT DESCRIPTION | Architectural wall washer featuring advanced SPI pixel control and customizable pitch for large-scale façade lighting. Engineered with high-precision 16-bit RGBW color rendering, robust IP65-rated aluminum housing, and reinforced options for reliable outdoor performance. Ideal for dynamic façade displays and architectural media walls. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 04 | ADDITIONAL TECHNICAL INFORMATION | Low power consumption, high brightness. Support for a variety of customization including pixel pitch, LED color (RGB, RGBW or Single Color). Integrated double-colored mold design, IP65 protection grade, UL94-V0 flame retardant grade, ensuring effective stability of the lamp in outdoor environments for all weather conditions. Flexible mounting performance for a variety of irregular structures, easy installation and maintenance. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 05 | TECHNICAL DATA | <table> <tr><td>Operating Voltage</td><td>DC 24V</td></tr> <tr><td>Control</td><td>SPI</td></tr> <tr><td>Color Resolution</td><td>16bit</td></tr> <tr><td>CCT</td><td>RGBW</td></tr> <tr><td>CRI</td><td>80%</td></tr> <tr><td>Pixel Pitch</td><td>Customize</td></tr> <tr><td>Power Supply</td><td>Tridonic / Nassli</td></tr> <tr><td>LED Type</td><td>Cree 5050 SMD</td></tr> <tr><td>Housing</td><td>Aluminum</td></tr> <tr><td>Color Frame</td><td>Silver</td></tr> <tr><td>Beam Angle</td><td>45°, 60°, 10×45°, 10×60°</td></tr> <tr><td>Life Time</td><td>80,000 Hour</td></tr> <tr><td>Operating Temp</td><td>-35°C to +60°C</td></tr> <tr><td>Storage Temp</td><td>-40°C to +70°C</td></tr> <tr><td>Optical Lens</td><td>Tempered Glass</td></tr> <tr><td>Mounting</td><td>Wall Mounted / Surface Mounted</td></tr> <tr><td>IP Rating</td><td>IP65</td></tr> <tr><td>Dimensions</td><td>W70 × H123 × L850 mm</td></tr> <tr><td>Beam Angle</td><td>40 × 45°</td></tr> <tr><td>Warranty</td><td>5 Years</td></tr> <tr><td>Power</td><td>39.1</td></tr> </table> | Operating Voltage | DC 24V | Control | SPI | Color Resolution | 16bit | CCT | RGBW | CRI | 80% | Pixel Pitch | Customize | Power Supply | Tridonic / Nassli | LED Type | Cree 5050 SMD | Housing | Aluminum | Color Frame | Silver | Beam Angle | 45°, 60°, 10×45°, 10×60° | Life Time | 80,000 Hour | Operating Temp | -35°C to +60°C | Storage Temp | -40°C to +70°C | Optical Lens | Tempered Glass | Mounting | Wall Mounted / Surface Mounted | IP Rating | IP65 | Dimensions | W70 × H123 × L850 mm | Beam Angle | 40 × 45° | Warranty | 5 Years | Power | 39.1 |
| Operating Voltage | DC 24V | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Control | SPI | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Color Resolution | 16bit | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CCT | RGBW | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CRI | 80% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Pixel Pitch | Customize | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Power Supply | Tridonic / Nassli | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LED Type | Cree 5050 SMD | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Housing | Aluminum | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Color Frame | Silver | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Beam Angle | 45°, 60°, 10×45°, 10×60° | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Life Time | 80,000 Hour | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Operating Temp | -35°C to +60°C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Storage Temp | -40°C to +70°C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Optical Lens | Tempered Glass | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mounting | Wall Mounted / Surface Mounted | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| IP Rating | IP65 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dimensions | W70 × H123 × L850 mm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Beam Angle | 40 × 45° | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Warranty | 5 Years | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Power | 39.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 06 | APPLICATIONS | It can be widely used for decoration, shopping malls, palaces, trade shows, supermarkets, conference halls, hotels, theaters, and cinemas, etc. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 07 | PHOTOMETRIC DATA |  <p>The graph illustrates the photometric distribution of the LED wall washer. The horizontal axis represents the horizontal angle from -10° to 10°, and the vertical axis represents the vertical angle from -5° to 5°. The intensity is highest at 0° (1000 lux) and decreases as the angle increases. The beam angle is 100°, with a minimum intensity of 100 lux at 10° and -10°.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



General Lighting



Football Field



Street Lamp



Factory Lighting



Green House



Industrial Area



Car Park



Ware house