Perimeter Lighting

High Performance
Perimeter Slot (HP-WS) & Wall Grazer (HP-WG)
High Performance Perimeter Slot

The High Performance Perimeter Slot (HP-WS) creates a wash of light at the transition between wall and ceiling planes. Designed to accommodate straight runs and corner applications. Available in 2’, 3’, 4’, and 8’ section lengths with telescoping options that can be combined to make longer runs. Standard 2”, 4”, and 6” regressed optic options available. A post-ceiling installation method allows the luminaire to install after ceiling framing is complete.

High Performance Wall Grazer

The High Performance Wall Grazer (HP-WG) is a perimeter luminaire that creates a uniform grazing distribution of light to enhance and emphasize textured or feature-wall vertical surfaces. The light separates the wall and ceiling planes and increases visual contrast. Available in tailored lengths, minimum 2’, in increments accurate to 1/16”. Standard 2”, 4”, and 6” regressed optic options available.
Features

Tailored Output
Optimize lighting levels to accommodate architectural design elements and code requirements.

Tailored Control
Dim and tune the lighting to fit user preference.

Tailored Color
Tune white light and intensity to the preferences of the people in the space.

Tailored Lengths*
Minimum 2’, increments accurate to 1/16”.

Installation
An installation method optimized for simplicity, speed and longevity. The luminaire installs after the ceiling framing is complete. Post-ceiling threaded-rod system allows projects to complete on schedule and on time.

Adjustable**
Optional telescoping section ensures an accurate fit with uniform illumination.

Performance
HP-WS delivers up to 774 lumens per foot and HP-WG delivers up to 645 lumens per foot.

Corners**
Accommodates inside and outside 90° corners.

Tapered Optic**
Award winning uniform illumination through a corner and at the end of a run ensure a consistent lighting level and beautiful design.

* HP-WG Only
** HP-WS Only
Light Years Ahead

Finelite LED luminaires use highly energy-efficient, mid-power LEDs precisely spaced and mounted on durable circuit boards. By driving the LEDs and LED drivers at low current, Finelite has formulated LED illumination for general lighting that delivers 90% of initial light output (L90) at 100,000+ hours, 70% of initial light output (L70) at 200,000+ hours.

Finelite’s methodology was developed while participating on a Department of Energy (DOE)-sponsored committee that addressed guidelines for LED luminaire reliability and lifetime. Our LED luminaires have been thoroughly tested and proven to perform to the highest industry standards.

The Industry's Best 10-Year Warranty

Finelite sets the standard with an industry-best 10-year performance-based warranty on the HP-WS and HP-WG LED collection.
Finelite LED Difference

- 10-year performance-based warranty
- 90% of initial light output at 100,000+ hours
- Dimming standard
- Replaceable LED light arrays

Finelite Commitment To You

- 10-working-day shipping on standard orders
- Focus on sustainability
- Buy American Act of 2009 Compliant
HP-WS

Project: Four Seasons
Architect: Kolin Altomare Architects
Lighting Design: Melinda Morrison Lighting
Location: East Palo Alto, CA

www.finalite.com
**HP-WS**

HP-WS is a perimeter luminaire that creates a wash of light at the transition between the wall and ceiling planes. Standard options ship in 10 working days.

**Lengths and Optics**
- Available standard in 2’, 3’, 4’, and 8’ section lengths with telescoping options that can be combined to make longer runs. Standard 2", 4", and 6" regressed optic options available.

**Tailored Output**
- Static White output options: Standard (S), Boosted Standard (B), High (H), and Very High (V)
- Tunable White output options: Boosted Standard (B), and Very High (V)

**Tailored Color**
- Static White light options at 3000K, 3500K and 4000K CCT
- Tunable White option for two-source tunable white light between 2700K and 6500K CCT
- 80+ and 90+ CRI options

**Tailored Control**
- Dimming from 100% to 10%, standard; 1% available
- Industry-leading pre-qualified drivers and controls options
- Simplified white light color tuning design and installation with the FineTune™ controls system

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**Post-Ceiling with Threaded-Rod Mounting Installation**

1/4“-20 Threaded Rod (by others)

Allows a luminaire to be installed after ceiling framing is complete.

**Note**
- Wall bracket mounting available.

**Straight Runs with Optional Telescoping**

Optional telescoping section adds up to 12 inches for a straight run.

**Fully Illuminated 90° Corners**

Fully illuminated 90° corners with telescoping and tapered optics standard. Consult technical sheet for telescoping lengths on inside and outside corners.
HP-WS Performance

4"W x 2"D
Very High Output – 120V
Efficacy: 84 lumens per watt
Total Luminaire Output: 3097 lumens (774 lumens/foot)
37 watts (9.3 watts/foot)
CCT: 3500K
ITL LM79 Report: 86712

<table>
<thead>
<tr>
<th>S*</th>
<th>B*</th>
<th>H*</th>
<th>V**</th>
</tr>
</thead>
<tbody>
<tr>
<td>1268</td>
<td>1594</td>
<td>2409</td>
<td>3097</td>
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</table>

<table>
<thead>
<tr>
<th>S*</th>
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<th>H*</th>
<th>V**</th>
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</thead>
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<td>317</td>
<td>398</td>
<td>602</td>
<td>774</td>
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<table>
<thead>
<tr>
<th>S*</th>
<th>B*</th>
<th>H*</th>
<th>V**</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.6</td>
<td>4.6</td>
<td>7.1</td>
<td>9.3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>S*</th>
<th>B*</th>
<th>H*</th>
<th>V**</th>
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<tbody>
<tr>
<td>88</td>
<td>87</td>
<td>85</td>
<td>84</td>
</tr>
</tbody>
</table>

* Family Correlation based on 4' luminaire 3500K Very High Output (V) test – 120V
** Correlation based on ITL report: 86712

Notes
- For Tunable White data please see Tunable White technical sheets.
- Refer to LM-79 reports for other configurations.

Endcap Options

Standard Flat (FE-L or FE-R)
Pocket Slot (PE-L or PE-R)

Spackle Flange version shown, T-Bar available.
T-Bar version shown, Spackle Flange available.
Application Guide

Cross Sections

Wall Bracket Mounting Available

4" W x 2" D

6" W x 2" D

6" W x 4" D

6" W x 6" D

• Luminaire at 9’6" AFF to bottom of luminaire
• Luminaire recessed into slot
• Room reflectance: 80/50/20
• Light levels are initial

<table>
<thead>
<tr>
<th>HP-WS-4W-4D-H-835</th>
<th>20' Continuous Row</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Wall</td>
</tr>
<tr>
<td>Average Light Level (Footcandles)</td>
<td>35 fc</td>
</tr>
<tr>
<td>Average to Minimum</td>
<td>6:1</td>
</tr>
<tr>
<td></td>
<td>Floor</td>
</tr>
<tr>
<td>Average Light Level (Footcandles)</td>
<td>16 fc</td>
</tr>
<tr>
<td>Average to Minimum</td>
<td>3:1</td>
</tr>
</tbody>
</table>
HP-WG

HP-WG is a perimeter luminaire that creates a uniform grazing distribution of light to enhance and emphasize textured or feature-wall vertical surfaces. Standard options ship in 10 working days.

Tailored Length
• Minimum 2’, increments accurate to 1/16” (± 1/32” standard)

Tailored Output
• Static White options: Standard (S), Boosted Standard (B), High (H), and Very High (V)
• Tunable White options: Boosted Standard (B), and Very High (V)

Tailored Color
• Static White light options at 3000K, 3500K and 4000K CCT
• Tunable White option for two-source tunable white light between 2700K and 6500K CCT
• 80+ and 90+ CRI options

Tailored Control
• Dimming from 100% to 10%, standard; 1% available
• Industry-leading pre-qualified drivers and controls options
• Simplified white light color tuning design and installation with the FineTune™ controls system

Post-Ceiling with Threaded-Rod Mounting Installation

1/4”-20 Threaded Rod (by others)

Allows a luminaire to be installed after ceiling framing is complete.

Note
– Wall bracket mounting available.
## HP-WG Performance

### 6”W x 2”D

- **Very High Output** – 120V
- **Efficacy**: 70 lumens per watt
- **Total Luminaire Output**: 2578 lumens (645 lumens/foot)
  - 36.9 watts (9.2 watts/foot)

- **CCT**: 3500K
- **ITL LM79 Report**: 88542

### Table: Total Light Output (Lumens)

<table>
<thead>
<tr>
<th></th>
<th>S*</th>
<th>B*</th>
<th>H*</th>
<th>V**</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>6”W x 2”D</strong></td>
<td>1055</td>
<td>1327</td>
<td>2005</td>
<td>2578</td>
</tr>
</tbody>
</table>

### Table: Light Output (Lumens Per Foot)

<table>
<thead>
<tr>
<th></th>
<th>S*</th>
<th>B*</th>
<th>H*</th>
<th>V**</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>6”W x 2”D</strong></td>
<td>264</td>
<td>332</td>
<td>501</td>
<td>645</td>
</tr>
</tbody>
</table>

### Table: Power (Watts Per Foot)

<table>
<thead>
<tr>
<th></th>
<th>S*</th>
<th>B*</th>
<th>H*</th>
<th>V**</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>6”W x 2”D</strong></td>
<td>3.6</td>
<td>4.6</td>
<td>7.1</td>
<td>9.2</td>
</tr>
</tbody>
</table>

### Table: Efficacy (Lumens Per Watt)

<table>
<thead>
<tr>
<th></th>
<th>S*</th>
<th>B*</th>
<th>H*</th>
<th>V**</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>6”W x 2”D</strong></td>
<td>73</td>
<td>72</td>
<td>71</td>
<td>70</td>
</tr>
</tbody>
</table>

**S** – **Standard Output**, **B** – Boosted Standard Output, **H** – High Output, **V** – Very High Output

* Family Correlation based on 4’ luminaire 3500K Very High Output (V) test – 120V

** Correlation based on ITL report: 88542

**Note**

- For Tunable White data please see Tunable White technical sheets.

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### Endcap Options

**Standard Flat** (FE-L or FE-R)

- Spackle Flange version shown,
  - T-Bar available.

**Pocket Slot** (PE-L or PE-R)

- T-Bar version shown, Spackle Flange available.
Application Guide

Cross Sections

HP-WG-6W-2D-V-835
20' Continuous Row

<table>
<thead>
<tr>
<th>Wall</th>
<th>Average Light Level (Footcandles)</th>
<th>42 fc</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Average to Minimum</td>
<td>4:1</td>
</tr>
</tbody>
</table>

- Luminaire at 10'0" AFF to bottom of luminaire
- Room dimensions 20' wide and 10' deep
- Room reflectance: 80/50/20
- Light levels are initial
Installation

Post-ceiling with threaded-rod mounting is the standard mounting option, which eliminates the need to install mounting hardware or luminaires prior to the slot being framed. Luminaire mounts on threaded rod. Gasket runs length of luminaire ensuring a clean finish at the wall.

Post-ceiling with threaded-rod mounting installation is as easy as 1, 2, 3.

1. Prepare rough in.

2. Install luminaire onto 1/4"-20 threaded rod (by others).

3. Connect power to luminaires.

Note
- For wall bracket mounting, refer to installation instructions.
### Ordering Guide

<table>
<thead>
<tr>
<th>HP-WS - 4W - 4D - 8’ - S - 830 - 120V - SC - TR - SW - TP - FE-L - TXL-R - C1</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Finelite HP-WS</strong></td>
</tr>
<tr>
<td>Optic Width HP-WS (4W - 4” Width, 6W - 6” Width)</td>
</tr>
<tr>
<td>HP-WG (6W - 6” Width)</td>
</tr>
<tr>
<td>Regressed Optic Depth (2D - 2” Depth, 4D - 4” Depth, 6D - 6” Depth)</td>
</tr>
<tr>
<td>Length HP-WS (2’, 3’, 4’, 8’ multiples standard)</td>
</tr>
<tr>
<td>HP-WG (Minimum 2’, increments accurate to 1/16” (±1/32”))</td>
</tr>
<tr>
<td>Light Output (S - Standard, B - Boosted Standard, H - High, V - Very High)</td>
</tr>
<tr>
<td>LED CRI/CCT (830 - 80 CRI min, 3000K 930 - 90 CRI min, 3000K 835 - 80 CRI min, 3500K 935 - 90 CRI min, 3500K 840 - 80 CRI min, 4000K 940 - 90 CRI min, 4000K)</td>
</tr>
<tr>
<td>Voltage (120V, 277V, 347V³)</td>
</tr>
<tr>
<td>Circuiting (SC - Single Circuit)²</td>
</tr>
<tr>
<td>Mounting (TR - Threaded Rod (standard), WB - Wall Bracket)³</td>
</tr>
<tr>
<td>Reflector (SW - Signal White², SSA - Semi-Specular Aluminum)³</td>
</tr>
<tr>
<td>Optic (TP - Tapered)⁵, ⁶</td>
</tr>
<tr>
<td>End Condition Left (FE-L - Flat (standard), PE-L - Pocket Slot, TXL-L - Telescoping)⁷</td>
</tr>
<tr>
<td>End Condition Right (FE-R - Flat (standard), PE-R - Pocket Slot, TXL-R - Telescoping)⁷</td>
</tr>
<tr>
<td>Ceiling Type (C1 - 1” T-Bar, C2 - 9/16” T-Bar, C3 - screw slot, SF - Spackle Flange)</td>
</tr>
</tbody>
</table>

¹ Available for HP-WG only.
² Contact factory for switching options.
³ Available for HP-WS only.
⁴ Pre- or post-ceiling installation.
⁵ Pre-ceiling installation only.
⁶ Tapered optic ships standard with corners and is optional with straight runs.
⁷ The end condition on each side can be specified with different hardware options to accommodate different installation features. See technical sheet for more information.

**Note**

- For Tunable White data please see Tunable White technical sheets.