

# PANELS

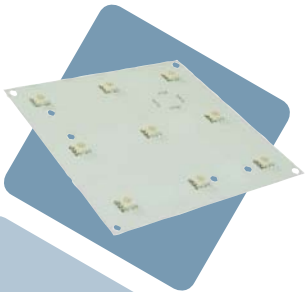
*Pack powerful lighting in shallow and tight spaces!*

## Ultra-thin lighting source brightens project designs

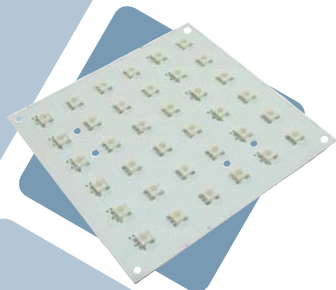
Approximately  
 $\frac{1}{2}$  in (1.25 cm) high,  
Panels fit most  
any project  
environment

Backlight  
acrylic, glass  
and other  
translucent  
surfaces

Illuminate  
coves, accent,  
under-cabinet,  
and other  
tight spaces



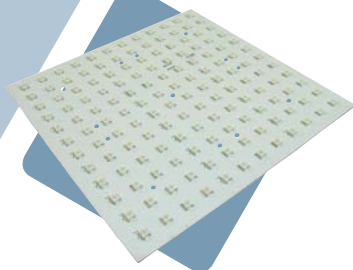
**Easy Installation Options:** The Panels can be delivered “as is” for screw mounting to most any surface in a project environment with LightWild-provided standoffs or they can be delivered in custom housings by the project.



**Discreet, Low Voltage, and Maintenance Free:** LightWild Panels generate very little heat and consume low amounts of power by operating on low voltage 24VDC. Less installation costs than fluorescent or incandescent light fixtures and require absolutely no bulb changing or cleaning for years.






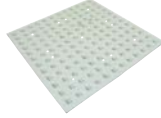
**Super Bright, Various Sizes and LED Options:**

No matter which size you choose, count on exceptional light output. The 12x12 inch (300x300 mm) model with 144 warm white LEDs, for example, generates nearly 1,800 lumens.



LIGHTWILD

# LIGHTWILD PANELS

|  |   |   |  |  |  |  |
|--|---|---|--|--|--|--|
|  |    |                            |                             |                            |                             |                             |
|  | LW-PNL-1X6-3-*  | LW-PNL-1X6-6-*  | LW-PNL-6X6-9-*   | LW-PNL-6X6-36-*  | LW-PNL-12X12-36-*  | LW-PNL-12X12-144-*   |
| <b>LED Colors</b>                                | <ul style="list-style-type: none"> <li>• Warm White*</li> <li>• Cool White*</li> <li>• RGB</li> </ul>   | <ul style="list-style-type: none"> <li>• Warm White*</li> <li>• Cool White*</li> <li>• RGB</li> </ul>       | <ul style="list-style-type: none"> <li>• Warm White*</li> <li>• Cool White*</li> <li>• RGB</li> </ul>        | <ul style="list-style-type: none"> <li>• Warm White*</li> <li>• Cool White*</li> <li>• RGB</li> </ul>        | <ul style="list-style-type: none"> <li>• Warm White*</li> <li>• Cool White*</li> <li>• RGB</li> </ul>          | <ul style="list-style-type: none"> <li>• Warm White*</li> <li>• Cool White*</li> <li>• RGB</li> </ul>          |
| <b>Dimensions**</b>                              | <b>Width</b><br>• 1 ins (25 mm)<br><b>Length</b><br>• 6 ins (150 mm)<br><b>Height</b><br>• 1/16 ins (14 mm)   | <b>Width</b><br>• 1 ins (25 mm)<br><b>Length</b><br>• 6 ins (150 mm)<br><b>Height</b><br>• 1/16 ins (14 mm) | <b>Width</b><br>• 6 ins (150 mm)<br><b>Length</b><br>• 6 ins (150 mm)<br><b>Height</b><br>• 1/16 ins (14 mm) | <b>Width</b><br>• 6 ins (150 mm)<br><b>Length</b><br>• 6 ins (150 mm)<br><b>Height</b><br>• 1/16 ins (14 mm) | <b>Width</b><br>• 12 ins (300 mm)<br><b>Length</b><br>• 12 ins (300 mm)<br><b>Height</b><br>• 1/16 ins (14 mm) | <b>Width</b><br>• 12 ins (300 mm)<br><b>Length</b><br>• 12 ins (300 mm)<br><b>Height</b><br>• 1/16 ins (14 mm) |
| <b>Number of LEDs</b><br>(120 Degree Beam Angle) | • 3 LEDs  | • 6 LEDs  | • 9 LEDs   | • 36 LEDs  | • 36 LEDs  | • 144 LEDs   |
| <b>Power Requirement</b>                         | 24VDC   |   |  |  |  |  |
| <b>Power Consumption</b><br>(Per Fixture)        | <b>All Colors</b><br>• .75 W  | <b>All Colors</b><br>• 1.5 W  | <b>Whites</b><br>• 2.5 W<br><b>RGB</b><br>• 2.8 W  | <b>All Colors</b><br>• 9.2 W   | <b>All Colors</b><br>• 9.2 W   | <b>All Colors</b><br>• 37.2 W  |
| <b>Lumens Per Panel</b>                          | <b>Warm White</b><br>• 37<br><b>Cool White</b><br>• 54<br><b>RGB</b><br>• 19.2  | <b>Warm White</b><br>• 75<br><b>Cool White</b><br>• 109<br><b>RGB</b><br>• 38.5                             | <b>Warm White</b><br>• 112<br><b>Cool White</b><br>• 161.9<br><b>RGB</b><br>• 57.8                           | <b>Warm White</b><br>• 449<br><b>Cool White</b><br>• 650.8<br><b>RGB</b><br>• 231.2                          | <b>Warm White</b><br>• 449<br><b>Cool White</b><br>• 650.8<br><b>RGB</b><br>• 231.2                            | <b>Warm White</b><br>• 1,796<br><b>Cool White</b><br>• 2,603<br><b>RGB</b><br>• 924.8                          |
| <b>Lumens Per Watt</b>                           | <b>Warm White</b><br>• 49.3<br><b>Cool White</b><br>• 72<br><b>RGB</b><br>• 25.6  | <b>Warm White</b><br>• 50<br><b>Cool White</b><br>• 72.7<br><b>RGB</b><br>• 25.6                            | <b>Warm White</b><br>• 44.8<br><b>Cool White</b><br>• 64.7<br><b>RGB</b><br>• 20.6                           | <b>Warm White</b><br>• 48.8<br><b>Cool White</b><br>• 70.7<br><b>RGB</b><br>• 25.1                           | <b>Warm White</b><br>• 48.8<br><b>Cool White</b><br>• 70.7<br><b>RGB</b><br>• 25.1                             | <b>Warm White</b><br>• 48.2<br><b>Cool White</b><br>• 69.9<br><b>RGB</b><br>• 24.8                             |
| <b>Connectivity Maximums</b>                     | Any combination of Panels can be used in a single run as long as the total number of LEDs is less than 360. Consult LightWild's Project Engineering team (projects@lightwild.com or 913-851-3000) for specific wiring and power utilization information for your project. |   |  |  |  |  |
| <b>Mountings</b>                                 | Standoffs provided by LightWild. Other field options may be utilized.   |   |  |  |  |  |
| <b>Environmental</b>                             | Use in dry locations only. Panels are conformal coated to protect against humidity but not dripping water. Use in temperatures from -10 to -150 F (-25 to 65 C).  |   |  |  |  |  |
| <b>Listings</b>                                  | UL (2108)   |   |  |  |  |  |

\* FOR MARKETING PURPOSES, LIGHTWILD USES THE TERMS "WARM WHITE" AND "COOL WHITE" TO CLASSIFY ITS WHITE PRODUCTS. FOR PHOTOMETRIC TESTING (VIEW AND DOWNLOAD RESULTS AT WWW.LIGHTWILD.COM), LIGHTWILD RECOGNIZES THE AMERICAN NATIONAL STANDARD INSTITUTE (ANSI) SPECIFICATIONS FOR THE CHROMATICITY OF SOLID STATE LIGHTING PRODUCTS AND ITS NINE TARGET CCTs FOR WHITE LIGHTING:

• INCANDESCENT WHITE (2725K ∓ 145)    • WARM WHITE (3045K ∓ 175)    • WHITE (3485K ∓ 245)    • COOL WHITE (3985K ∓ 275)    • COOL WHITE 2 (4503K ∓ 243)  
 • SUN WHITE (5028K ∓ 283)    • SUN WHITE 2 (5665K ∓ 355)    • DAYLIGHT (6530K ∓ 510)    • FLEXIBLE CCT (2700K - 6500K)

\*\* NOMINAL DIMENSIONS LISTED. DOWNLOAD CAD-BASED DRAWINGS WITH EXACT DIMENSIONS AT WWW.LIGHTWILD.COM.