

## DESCRIPTION

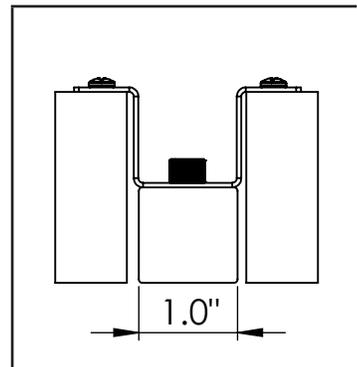
The Airelight Linear2 1.0 Wood Grille Integration seamlessly blends Airelight luminaires with elegant wood grille ceilings. This integration offers designers a simple way to combine modern linear lighting with a wide range of wood grille ceiling systems.

The Airelight Wood Grille luminaire is built for quick integration, transforming traditional wood grille systems into sleek, contemporary ceilings. It comes standard with upgraded Airelight technology, delivering superior 90+ CRI color quality and powerful illumination, with output reaching up to 653 lumens per foot (at 4000K).

## SPECIFICATIONS

|                          |   |
|--------------------------|---|
| Finish Options           | Clear Anodized, Black Anodized, White Powdercoat, Custom Powdercoat |
| Color Temperature        | 4000K, 3500K, 3000K, 2700K  |
| Part Number(s)           | See Product Code on pg. 3   |
| Beam Angle               | Lambertian  |
| Power Consumption        | 7.2W /ft (Linear2 1.0)  |
| Lumens Per Foot (Direct) | 653 lumens/ft (4000K)   |
| CRI                      | 90+   |
| Dimensions               | W 1.0" x H 1.0" x L ((2'-8') Available in 12" increments)           |
| Operating Voltage        | 24VDC   |
| Dimming                  | via Compatible Low Voltage PWM or 0-10V                             |
| Rating                   | Dry/Damp Rated  |
| Warranty                 | 5 Years   |
| Certifications           |   |

## PROFILE



# AIRELIGHT® LINEAR2 1.0 WOOD GRILLE INTEGRATION



## LIGHT SPECIFICATIONS

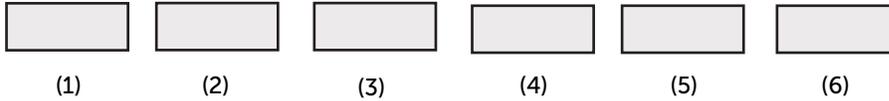
## PERFORMANCE

|                      |                            |                  |                                |
|----------------------|----------------------------|------------------|--------------------------------|
| Light Fixture        | Airelight Linear2 1.0      |                  | <u>Linear2 1.0</u><br>(DIRECT) |
| Directional Lighting | Direct                     |                  |                                |
| Beam Angle           | Lambertian (DIRECT)        | Lumens Per Foot  | 653 @ 4000K                    |
| Lens Aperature       | 1" Wide (DIRECT)           | Efficacy (lms/W) | 91 @ 4000K                     |
| Controls             | 0-10VDC / Wireless         | Power            | 7.2W/ linear ft                |
| Rating               | Suitable for Dry Locations | CRI              | 90+                            |

## MATERIAL SPECIFICATIONS

|                   |   |
|-------------------|---|
| Product Name      | Airelight Linear2 1.0 Wood Grille   |
| Housing           | Anodized Aluminum (See Finish Colors on pg. 3)                            |
| Mounting Hardware | Wood Grille U Brackets (Specified with Make/Model of Wood Grille Ceiling) |
| Warranty          | 5 year limited warranty   |
| Size Range        | Length: 2'-8' (Sections can be linked for longer runs)                    |

## PRODUCT CODE



- |                        |  |
|------------------------|--|
| (1) AIRELIGHT TYPE     | AL2WG - AIRELIGHT LINEAR2 WOOD GRILLE INTEGRATION  |
| (2) LIGHT FIXTURE      | 1 - 1.0 (1.0" Width)   |
| (3) LENGTH             | 2' - 8'<br>(12" Increments)  |
| (4) COLOR TEMP         | 27 - 2700K / 90CRI<br>30 - 3000K / 90CRI<br>35 - 3500K / 90CRI<br>40 - 4000K / 90CRI   |
| (5) WOOD GRILLE SYSTEM | MANUFACTURER / MODEL (required to determine attachment clip)   |
| (6) FINISH COLOR       | AL- CLEAR ANODIZED<br>BK - BLACK ANODIZED<br>WT - WHITE POWDERCOAT (add'l charges apply)<br>RAL# - CUSTOM POWDERCOAT (add'l charges apply) |



## POWER SUPPLY SELECTION

Airelight luminaires require an external DC power supply for operation. Identify total system wattage needed. Order the type and quantity of Class 2, 24VDC Power Supply(s) that meets your requirement.

Power Supply Calculation  
 Linear Feet Required x Power Consumption (7.2W) =  
 Total System Wattage

e.g. : 12ft x 7.2W = 86.4W (See Table A)

### POWER SUPPLY COMPATIBILITY FOR AIRELIGHT™ SYSTEM

| Total System Wattage | Compatible Power Supply |
|----------------------|-------------------------|
| < 60W                | SKU# 62569              |
| < 100W               | SKU# 97422              |
| <200W                | SKU# 84035              |

Table A

## POWER SUPPLIES

| SKU#  | Description   |
|-------|---|
| 84035 | Amperor 2X 100W, 24V, 0-10V Dimmable, Class 2, LED Driver |
| 97422 | Amperor 100W, 24V, 0-10V Dimmable, Class 2, LED Driver    |
| 62569 | Amperor 60W, 24V, 0-10V Dimmable, Class 2, LED Driver     |
|       |   |
|       |   |
|       |   |
|       |   |
|       |   |

## CONTROLS

|       |   |   |
|-------|---|---|
| 31935 | Illumra Wireless Dimmer #E9X-D02FL      |   |
| 83374 | Illumra Single Rocker Switch #E9T-S1AWH |   |
| 25251 | Illumra Dual Rocker Switch #E9T-S2AWH   |   |
|       |   | *Airelight Luminaires are compatible w/most lighting control systems from Lutron, Hubbel, etc. via 0-10V. For installations that require a wireless interface, the above options are available. |