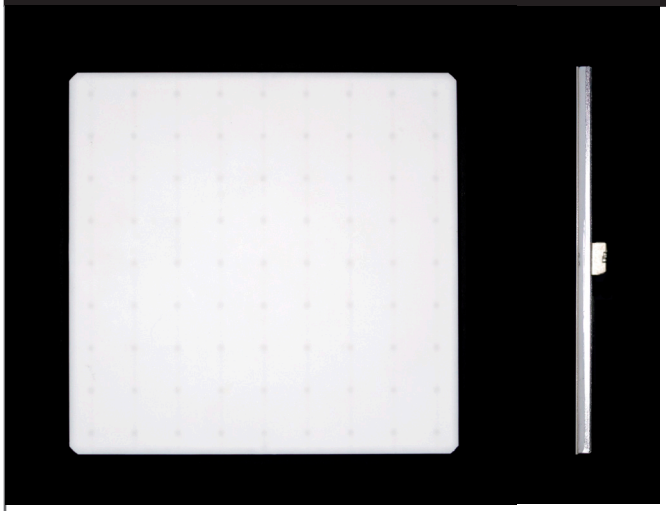
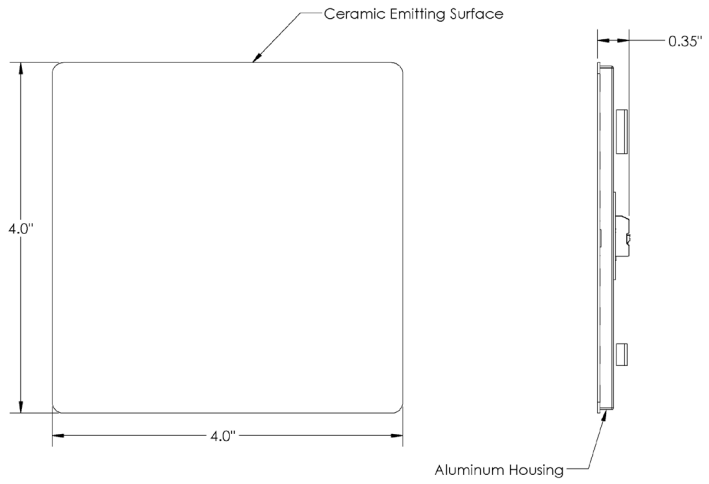
AIRELIGHT™ SQUARE 4.0

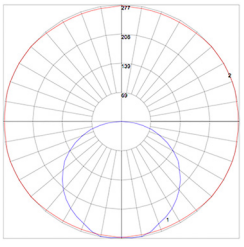




Description: The Airelight™ Square 4.0 luminaire allows for ultimate flexibility for all lighting projects.
Utilizing its ultra slim profile and light weight, the Airelight™ Square 4.0 is perfect for suspended, surface mounted, embedded, and under cabinet lighting applications. (See optional Trim Kits for a simple embedding solution into a ceiling or wall)
Capable of over 1,300 lumens (infinitely dimmable) @ 106 lumens per watt efficacy, the Airelight™ Square 4.0 can be embedded in a ceiling or wall, suspended, or surface mounted anywhere light is needed.
A truly sustainable light source comprised of ceramic and aluminum, the Airelight™ Square 4.0 uses 50x fewer raw materials than conventional light sources (measured by weight of fixtures in a typical installation).
Applications: Office, Industrial, Retail, Display, Under Cabinet, Task, and Residential Environments

SPECIFICATIONS

Color Temperature	4000K, 3500K, 3000K, 2700K
Beam Angle	Lambertian
Power Consumption	12.3W
Lumens	1316 @ 4000K / 1291 @ 3500K / 1290 @ 3000K / 1180 @ 2700K
Efficacy (lms/W)	106 @ 4000K / 105 @ 3500K / 104 @ 3000K / 95 @ 2700K
CRI	84 @ 4000K / 85 @ 3500K / 84 @ 3000K / 82 @ 2700K
Size	4"x4"
Interconnect	Embedded/Surface Mount Connector
Operating Temperature	-10°F to 115°F / -23°C to 46°C
Operating Voltage	24.15VDC (with Adjustable 24VDC Power Supply)
Dimming	1-100% via Compatible Low Voltage PWM or 0-10V
Rating	Dry/Damp Rated
Warranty	5 Years
Weight	46g
Dimensions	L 4"x W 4" x H 0.35"
Certifications	c UL us LISTED; Red List Free



Photometric Data:
*Perfectly lambertian output

ORDER CODES

Product Line		Width		CCT		CRI
AS	-	4.0	-	40K	-	80+
Airelight™ Square		4.0"		27K 30K 35K 40K		80+

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
Squares Required x Power Consumption (12.3W) = Total System Wattage

e.g. : 4 x 12.3W = 49.2W (See Table A)

POWER SUPPLY COMPATIBILITY FOR AIRELIGHT™ SYSTEM

Total System Wattage	Compatible Power Supply
< 40W	SKU# 36789
< 60W	SKU# 42110
< 75W	SKU# 56975
< 80W	SKU# 85376
< 100W	SKU# 40515
< 200W	SKU# 90945

Table A

POWER SUPPLIES

SKU#	Description
90945	ERG 2X 100W UL Listed XLD200-2-24V-FC Driver in Enclosure
40515	Meanwell HLG-100H-24A Power Supply in ETL Listed Enclosure (12x3.5x2”)
85376	Meanwell HLG-80H-24A Power Supply in ETL Listed Enclosure (12x3.5x2”)
56975	ERG 75W UL Listed XLD75-1-24V-FC Driver in Enclosure
42110	Meanwell HLG-60H-24A Power Supply in ETL Listed Enclosure (12x3.5x2”)
36789	Meanwell HLG-40H-24A Power Supply in ETL Listed Enclosure (12x3.5x2”)

CONTROLS

31935	Illumra Wireless Dimmer #E9X-D02FL
59493	Illumra Dimmer (Hardwired) #NWO-D02FP (0-10V)
83374	Illumra Single Rocker Switch #E9T-S1AWH
25251	Illumra Dual Rocker Switch #E9T-S2AWH
29053	ERG PWM Dimmer ERGL-DIMC2 (1 Ch 0-10V Wired)
10912	ERG PWM Dimmer ERGL-DIM2IN (2 Ch 0-10V Wired)

MOUNTING OPTIONS

41919	Trim Kit-Flush (Airelight Square 4.0) White
73160	Trim Kit-Flush (Airelight Square 4.0) Black
49018	Trim Kit-Recessed (Airelight Square 4.0) White
44678	Trim Kit-Recessed (Airelight Square 4.0) Black
73946	Trim Kit-Mud In (Airelight Square 4.0) White
84361	Mounting Plate Kit (For embedding to non magnetic surface)