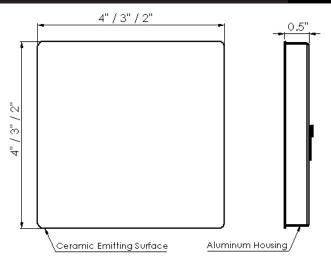
AIRELIGHT SQUARE2 (4.0 / 3.0 / 2.0)







Description: The Airelight Square2 family of luminaires adds enhanced "pixel free" optics to it's environmentally sustainable (No Plastics) design. With 4, 3, & 2" configurations available, lighting designs can be imagined in a myriad of ways. Utilizing its ultra-slim profile and light weight, the Airelight Square2 is a great choice for commercial and residential lighting applications.

Capable of up to 1200 lumens (infinitely dimmable) @ 102 lumens per watt efficacy, the Airelight Square2 has several trim kit options for installation (Mounting Options pg. 2). Flush or 1" recessed trim kits can be effortlessly incorporated into various building materials. The Mud-In trim kit allows for a trimless look in drywall projects.

SPECIFICATIONS

Warranty	5 Years	-
Rating	Dry/Damp Rated	_
Dimming	1-100% via Compatible Low Voltage PWM or 0-10V	
Operating Voltage	24.15VDC (with Adjustable 24VDC Power Supply)	
Operating Temperature	-10°F to 115°F / -23°C to 46°C	
Interconnect	WIRE HARNESS/ 2POLE PUSHWIRE CONN(16-12AWG)	
CRI	90+, 80+(5000K)	
Efficacy (lms/W)(4000K)	102 (4x4") / 95 (3x3") / 87 (2x2")	
Lumens (4000K)	1200 (4x4") / 625 (3x3") / 250 (2x2")	
Power Consumption	12W (4x4") / 7W (3x3") / 3W (2x2")	
Beam Angle	Lambertian	
Color Temperature	5000К, 4000К, 3500К, 3000К, 2700К	
Weight	60g (4x4") / 35g (3x3") / 20g (2x2")	
Size	(4x4" / 3x3" / 2x2") x 0.5"	







Photometric Data:
*Perfectly lambertian output



Certifications

ORDER CODES

Product Line		Size		ССТ		CRI
AS2	-	4.0	-	30K	-	90+
Airelight Square2		4.0	4x4"	27K		90+
		3.0	3x3"	30K		80+(50K)
		2.0	2x2"	35K		
				40K		
				50K		

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

- # Airelight Squares x Watts(12W (4") / 7W (3") / 3W (2"))
- = Total System Wattage

e.g.: $4 \times 12W (4'') = 48W (See Table A)$

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 with most 0-10V dimming controllers. Controls listed above are optional where no wired 0-10V controls are available.

MOUNTING OPTIONS

86305 (4") / 14602 (3") / 78553 (2")	Trim Kit: Flush (Airelight Square2) White
38412 (4") / 97695 (3") / 27743 (2")	Trim Kit: Flush (Airelight Square2) Black
36520 (4") / 83882 (3") / 67671 (2")	Trim Kit: 1" Recessed (Airelight Square2) White
95565 (4") / 16485 (3") / 43321 (2")	Trim Kit: 1" Recessed (Airelight Square2) Black
90814 (4") / 16809 (3") / 62075 (2")	Trim Kit: Mud-In (Airelight Square2) White
84361 (4"/3"/2")	Mounting Plate Kit (For embedding to non magnetic surface)

