

AIRELIGHT™ LINEAR SC 1.0



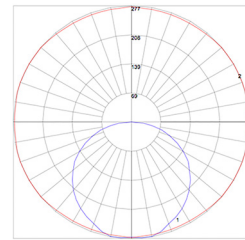
Description: The Airelight™ Linear SC 1.0 luminaire with Suspended Ceiling Connector allows for easy integration into drop ceiling T-Bar grid applications. Utilizing its ultra slim profile and light weight, the Airelight™ Linear SC 1.0 directly attaches to the T-Bar grid with integrated magnetic connector.

Capable of 770 lumens/foot (infinitely dimmable) @ 128 lumens per watt efficacy, the Airelight™ Linear SC 1.0 can be installed individually or linked continuously.

A truly sustainable light source comprised of ceramic and aluminum, the Airelight™ Linear SC 1.0 uses 50x fewer raw materials than conventional light sources (measured by weight of fixtures in a typical installation).

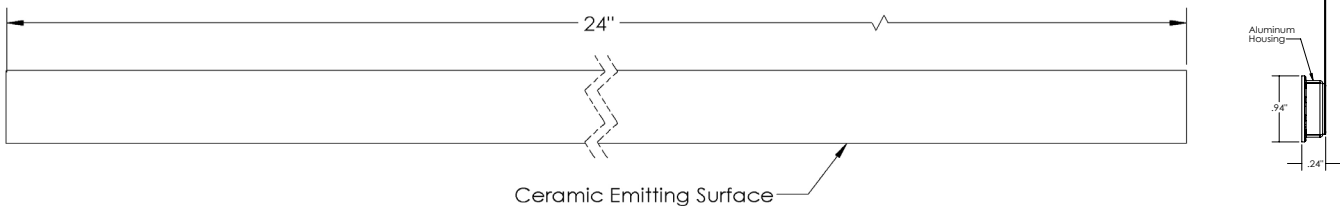
SPECIFICATIONS

Color Temperature	4000K, 3500K, 3000K, 2700K
Beam Angle	Lambertian 16' with Adjustable 24VDC 100W Power Supply; Unlimited with Additional Power Supplies or POE Channels
Max Fixture Run Length	
Power Consumption	6.0W per foot
Lumens Per Foot(25V)	770 @ 4000K / 755 @ 3500K / 755 @ 3000K / 691 @ 2700K
Efficacy (lms/W)	128 @ 4000K / 125 @ 3500K / 125 @ 3000K / 115 @ 2700K
CRI	83 @ 4000K / 84 @ 3500K / 83 @ 3000K / 82 @ 2700K
Available Lengths	24"
Interconnect/Cabling	Plenum Rated 2-18 AWG Stranded with Flame Resistant Insulation (not included) ie) BELDEN PN# 6300UE
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	1.0oz/ft (98g/m)
Dimensions	W .94" x H 0.24" x L 24"



Photometric Data:
*Perfectly lambertian output

Certifications



ORDER CODES

Product Line	Width	Model	Length	CCT	CRI
AL	- 1.0	- SC	- 24	- 40K	- 80+
Airelight™ Linear	1.0"	SC	24"	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
 Linear Feet Required x Power Consumption (6.0W) =
 Total System Wattage

e.g. : 12ft x 6.0W = 72W (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	29053	ERG PWM Dimmer ERGL-DIMC2 (1 Ch 0-10V Wired)
59493	Illumra Dimmer (Hardwired) #NWO-D02FP (0-10V)	10912	ERG PWM Dimmer ERGL-DIM2IN (2 Ch 0-10V Wired)
83374	Illumra Single Rocker Switch #E9T-S1AWH		
25251	Illumra Dual Rocker Switch #E9T-S2AWH		



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 more than 50 fixtures on display!