Ametrix

DESCRIPTION

The Arrowlinear fixture is a linear asymmetric system of lighting designed for wall washing and signage type applications. The fixture has three CCT options, multiple lengths and configurations, extruded aluminum housings, die cast end caps and mounting arms, and diffuse acrylic lens. It is a simple and effective linear asymmetric lighting solution. Suspended pendants are available with either 1 or 2 lighting fixture heads.

SPECIFICATION FEATURES

Construction
Housing is corrosion-resistant. Aluminum extrusion with die-cast aluminum end caps. End caps are secured by concealed stainless steel fasteners. Housing, end caps, and lens are sealed with single, closed cell silicone gaskets. Stainless steel hardware is standard. Reflector is constructed from 22 gauge cold rolled steel and pre-painted reflective white. A slightly diffused acrylic lens is standard, constructed of impact-resistant, U.V. stabilized virgin acrylic to prevent discoloration.

Electrical
LED fixtures use >0.9 power factor UL 1310 Class 2 AC to DC driver with built-in dimming as standard.

Integral LED light engines are easily replaceable in the field. Offered in 80+ CRI for 3000K, 3500K, 4000K CCT.

Mounting
Fixture includes Slide-N-Mount™ adjustable, lockable, mounting arms constructed from Type 383 die-cast aluminum. Support structure by others.

Finish
Fixture housing is coated using electro-statically charged polyester powder coat paint for superior protection against fade and wear. Standard colors include white, silver, black, and bronze. Consult factory for custom colors.

Aiming
Fixture includes the PointGrab2 ™ lockable aiming system, providing minimum 180 degree vertical adjustment of the fixture housing in 5 degree increments. The aiming feature locks securely in place by means of a stainless steel locking mechanism.

Compliance
UL / cUL listed for use in damp locations. Suited for indoor locations only.

Warranty
Standard 5 year limited warranty on all parts.

ARROWLINEAR

LED

1-WAY SUSPENDED MOUNT
2-WAY SUSPENDED MOUNT
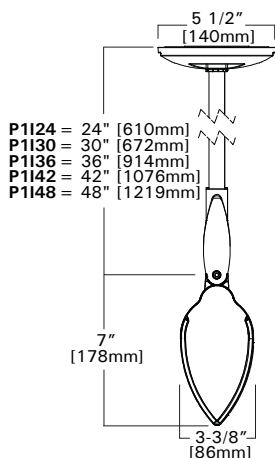
Asymmetric Indirect

Suspended

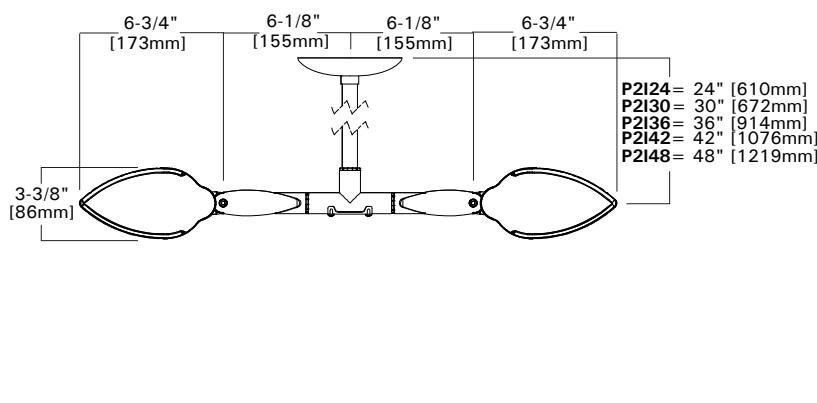CERTIFICATION DATA
UL/cUL Damp Location Listing
LM79 Compliant

ENERGY DATA
>0.9 Power Factor
120V – 277V 50/60 Hz
25˚C Ambient Temperature

1-Way Suspended (P1)

5 1/2" [140mm]

P1I24 = 24" [610mm]
P1I30 = 30" [672mm]
P1I36 = 36" [914mm]
P1I42 = 42" [1076mm]
P1I48 = 48" [1219mm]

7" [178mm]

3-3/8" [86mm]

2-Way Suspended (P2)

6-3/4" [173mm]   6-1/8" [155mm]   6-1/8" [155mm]   6-3/4" [173mm]

P2I24 = 24" [610mm]
P2I30 = 30" [672mm]
P2I36 = 36" [914mm]
P2I42 = 42" [1076mm]
P2I48 = 48" [1219mm]

3-3/8" [86mm]

ORDERING INFORMATION

SAMPLE NUMBER: A08-SI-A-1-LED-35K-D-UNV-B-P1I36

Series [1]	Size	Lens	Light Level	Lamp	Color Temperature
A02 = Arrowlinear 2' Unit A04 = Arrowlinear 4' Unit A06 = Arrowlinear 6' Unit A08 = Arrowlinear 8' Unit A12 = Arrowlinear 12' Unit	**Indoor** SI = Extra Small - Indoor	A = Acrylic	1 = See Energy & Performance Data Chart	LED = LED	30K = 3000K 35K = 3500K 40K = 4000K

Wiring	Voltage	Finish	Mounting	
D = Dimming	120 = 120V 277 = 277V UNV = Universal	B = Black Z = Bronze S = Silver W = White C = Custom	**1-Way Suspended** P1I24 = 1-way pendant - 24" stem P1I30 = 1-way pendant - 30" stem P1I36 = 1-way pendant - 36" stem P1I42 = 1-way pendant - 42" stem P1I48 = 1-way pendant - 48" stem	**2-Way Suspended** P2I24 = 2-way pendant - 24" stem P2I30 = 2-way pendant - 30" stem P2I36 = 2-way pendant - 36" stem P2I42 = 2-way pendant - 42" stem P2I48 = 2-way pendant - 48" stem

See page 2 for Technical Notes.

COOPER Lighting Solutions

PHOTOMETRICS

FILE NAME:	A02-SI-A-2-LED-35K-1C-120-S-AK6-24	
LAMP:	3500K	
LUMENS:	1990	
INPUT WATTS:	20.5 W	
EFFICACY:	97.1 LPW	
TEST REPORT:	ITL87330-GONIOPHOTOMETRY	

Information based on 2 ft. section

LEGEND:
0-deg
90-deg
180-deg

ZONAL LUMEN SUMMARY

Zone	Lumens	% Fixture
0- 30	0	0
0- 40	0	0
0- 60	0	0
0- 90	62	3.1
90-120	639	32.1
90-130	952	47.8
90-150	1537	77.2
90-180	1928	96.9
0-180	1990	100

ENERGY & PERFORMANCE DATA

Individual Length	Lumens	Wattage	Length	Recommended Mounting Center location
2ft	1990	20.5	27-3/8" (695mm)	Single, Centered Mount Stem
4ft	3980	40.5	51" (1295mm)	Single, Centered Mount Stem
6ft	5970	60.6	77-7/16" (1967mm)	72-29/32" (1852mm)
8ft	7960	82.2	101-1/16" (2567mm)	96-17/32" (2452mm)
12ft	11940	121.1	151-3/16" (3839mm)	151-3/16" (3839mm)

Color Temperature Conversion Factor (per ft)		
CCT	Lumens/ ft	Multiplier
3000K	923	0.927
3500K	995	1.000
4000K	1043	1.048

MOUNTING

5"
[127mm]

.875"
[22mm]

8/32
ground
screw

0.5"
[13mm]

See Energy & Performance Data
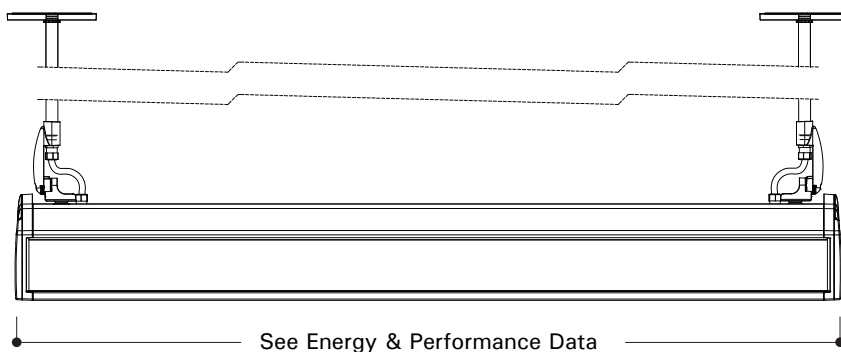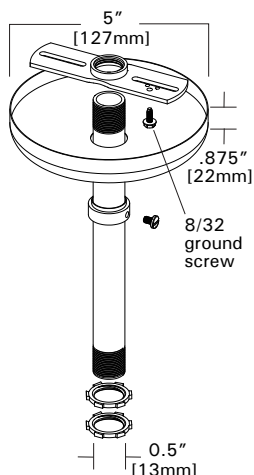
TECHNICAL NOTES

1. 2ft, and 4ft fixtures utilize a single centered mounting system, for 1-Way pendant only.

COOPER
Lighting Solutions

Specifications and dimensions subject to change without notice.
See additional information on the following pages.