Ametrix

DESCRIPTION

The Arrowlinear fixture is a linear asymmetric system of lighting designed for wall washing and signage type applications. The fixture has multiple lengths and configurations, extruded aluminum housings, die cast end caps and mounting arms, and diffused acrylic lens. It is a simple and effective linear asymmetric lighting solution.

Catalog #		Type
Project		
Comments		Date
Prepared by		

SPECIFICATION FEATURES

Construction
Housing is corrosion-resistant. Type 6063-T6 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.

Reflector
Fixture includes the Opti-Lock asymmetric reflector system, constructed of specular Alanod 2000GS aluminum.

Electrical
Use 90° supply wire (provided by others). Linear Fluorescent - Medium Bi-Pin and Mini Bi-Pin. Ballast is integral to the luminaire and includes quick-disconnect to meet NEC and CEC code requirements for disconnecting power to the fixture during service and maintenance. Lamps available from Ametrix at additional cost. Fifthlight is not available in all options; consult factory for more information.

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. (Only 4ft length listed for wet location and IP66). When specified without a lens, the fixture is UL/ cUL listed for dry locations only.
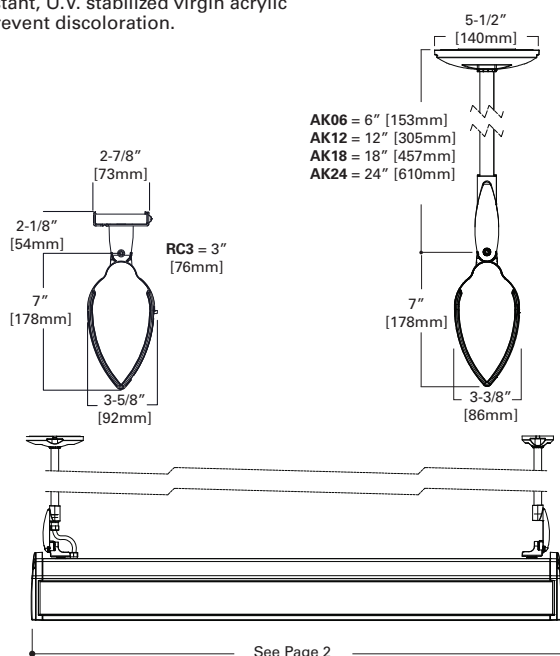
ARROWLINEAR

FLUORESCENT

Ceiling Mount
Asymmetric Indirect

Individual Linear

CERTIFICATION DATA
UL/cUL Damp Location Listing
LM79 Compliant

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

2-7/8" [73mm]
2-1/8" [54mm]
RC3 = 3" [76mm]
7" [178mm]
3-5/8" [92mm]

5-1/2" [140mm]
AK06 = 6" [153mm]
AK12 = 12" [305mm]
AK18 = 18" [457mm]
AK24 = 24" [610mm]
7" [178mm]
3-3/8" [86mm]

See Page 2
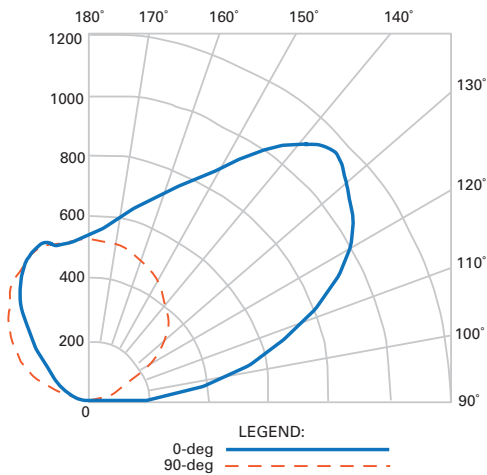
Refer to installation instructions for mounting details

ORDERING INFORMATION

Sample Number: AC-SI-N-1-LF-T8-UNV-B-RC3-NAT

Series	Size	Lens	Light Level (Number of Lamps)	Lamp Type	Wattage[8]
A02 = Arrowlinear 2' Unit **A03** = Arrowlinear 3' Unit **A04** = Arrowlinear 4' Unit **A06** = Arrowlinear 6' Unit **A08** = Arrowlinear 8' Unit **A12** = Arrowlinear 12' Unit[1]	**SI** = Indoor **SO** = Outdoor[2,3,4]	**A** = Acrylic[2] **N** = None	**1** = 1 Lamp[5] **2** = 2 Lamps[6] **3** = 3 Lamps[1,7]	**LF** = Linear Fluorescent Electronic	**014** = 14 W (2' T5) **017** = 17 W (2' T8) **021** = 21 W (3' T5) **024** = 24 W (3' T5) **025** = 25 W (2' T5HO) **028** = 28 W (2' T5) **032** = 32 W (2' T5) **039** = 39 W (2' T5) **054** = 54 W (2' T5)

Voltage	Finish	Mounting	Options
120 = 120V **277** = 277V **347** = 347V **UNV** = Universal	**B** = Black **Z** = Bronze **S** = Silver **W** = White **C** = Custom	**RC3** = Rectangular Canopy, 3" Arm / Integral **AK6** = 6" Adjustable Knuckle/ Integral **AK12** = 12" Adjustable Knuckle/ Integral **AK18** = 18" Adjustable Knuckle/ Integral **AK24** = 24" Adjustable Knuckle/ Integral	**D** = Dimming **E** = Emergency **F** = Fusing **IL35** = 35" Internal Louver **IL35M** = 35" Internal Louver - Fixture Match **NAT** = Natatorium Environments[3,4] **LMC** = Large AK Mounting Canopies (in lieu of standard)

See page 3 for Technical Notes.
Specifications and dimensions subject to change without notice.
See additional information on the following pages.

FILE NAME: A04-SI-A-1-LF-032 CEILING MOUNT CEILING WASH

LAMP: ONE 4' T8 LINEAR FLUORESCENT LAMP

LUMENS: 3100

INPUT WATTS: 32
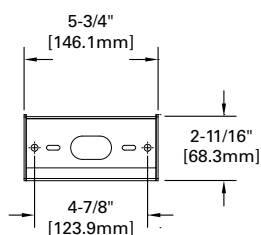
EFFICACY: 96.2 LPW

TEST REPORT: 175P282

LEGEND:
0-deg ———
90-deg – – –

ZONAL LUMEN SUMMARY

Zone	Lumens	% Fixture
0- 30	0	0
0- 40	0	0
0- 60	0	0
60- 90	14.5	0.6
70-100	126.3	5.6
90-120	677.9	29.9
0-90	14.5	0.6
90-180	2255.1	99.4
0-180	2269.6	100

ENERGY DATA

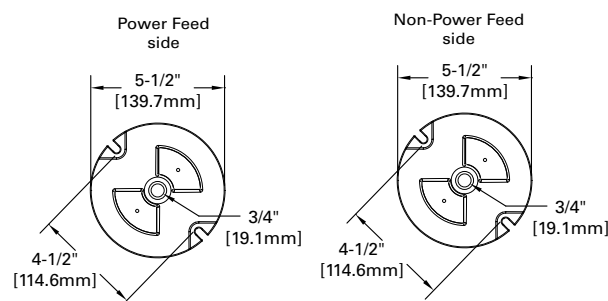| Lamp Source	Number of Lamps	Wattage	Lamp Base	Nominal Length	Actual Length	Mounting Centers
T8/T5HO Fluorescent	1	14W / 24W	Mini Bi-Pin	2'	27-3/8" [695 mm]	22-13/16" [580mm]
	1	21W / 39W	Mini Bi-Pin	3'	39-3/16" [995mm]	34-5/8" [880mm]
	1	28W / 54W	Mini Bi-Pin	4'	51" [1295mm]	46-7/16" [1180mm]
	2	21W / 39W	Mini Bi-Pin	6'	77-7/16" [1967mm]	72-29/32" [1852mm]
	2	28W / 54W	Mini Bi-Pin	8'	101-1/16" [2567 mm]	96-17/32" [2452mm]
	3	28W / 54W	Mini Bi-Pin	12'	151-3/16" [3839 mm]	146-7/16" [3719mm]
T8 Fluorescent	1	17W	Medium Bi-Pin	2'	27-3/8" [695 mm]	22-13/16" [580mm]
	1	25W	Medium Bi-Pin	3'	39-3/16" [995mm]	34-5/8" [880mm]
	1	32W	Medium Bi-Pin	4'	51" [1295mm]	46-7/16" [1180mm]
	2	25W	Medium Bi-Pin	6'	77-7/16" [1967mm]	72-29/32" [1852mm]
	2	32W	Medium Bi-Pin	8'	101-1/16" [2567 mm]	96-17/32" [2452mm]
	3	32W	Medium Bi-Pin	12'	151-3/16" [3839 mm]	146-7/16" [3719mm]

MOUNTING

RC3 Mount - Standard rectangular wall mount plate

AK Mount - Standard circular wall mount plate

LMC Mount - Standard circular wall mount plate

Specifications and dimensions subject to change without notice.
See additional information on the following pages.
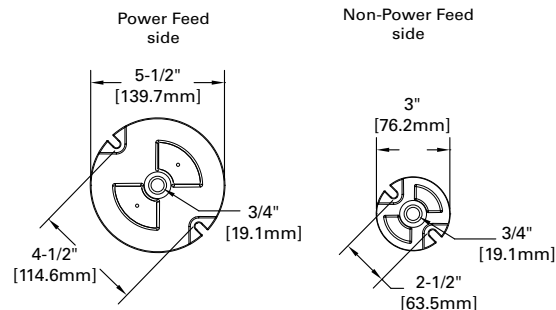
1. Not available for Outdoor applications, except 4ft sections.
2. Required for outdoor applications.
3. Requires acrylic lens option.
4. Not available for 12' units.
5. For 2', 3' and 4' nominal length fixtures only.
6. For 6' and 8' nominal length fixtures only.
7. For 12' nominal length fixtures only.
8. Lamp not included - available at additional cost.

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