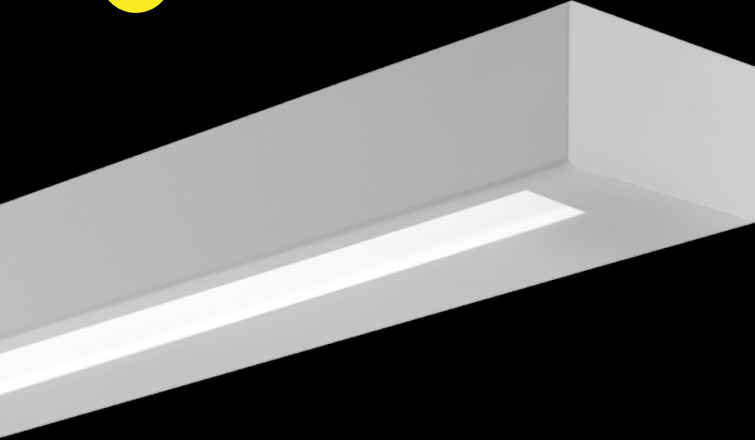




acrylic diffuser

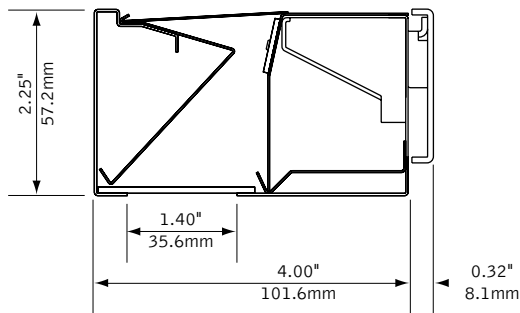


microglow lens

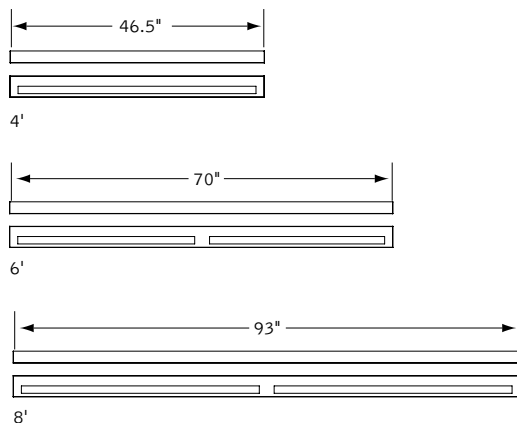


suspended companion

DIMENSIONAL DATA



fixture information



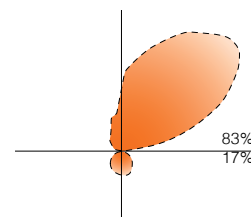
FEATURES

Miniature wall mount direct/indirect LED luminaire.

Features Gradient Optic which softens cut-off line on surrounding walls and other vertical structures. Beam Smoothing Diffuser provides additional softening to the beam.

MicroGlow lens offers cutoff & brightness control to support comfortable environments.

PERFORMANCE



PRODUCT OVERVIEW

Lumen Output:	2411-2988lm
Wattage:	26-38W
LPW:	88-94
SDCM:	3
Lumen Maintenance:	L90 @ 85,000 hrs

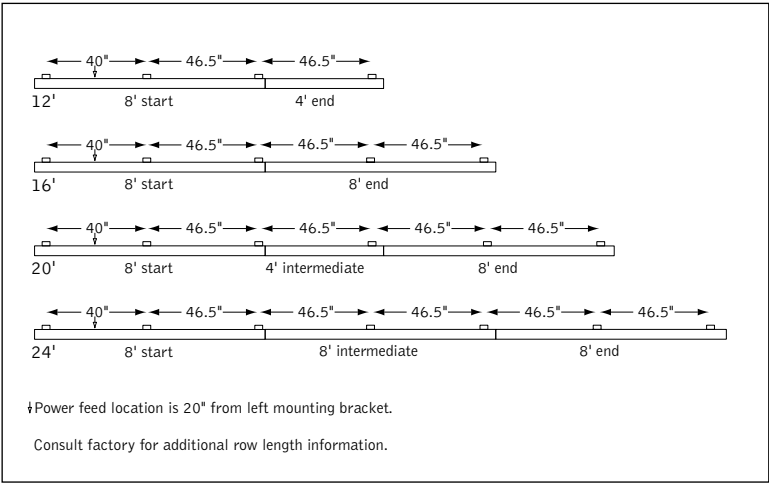
4' unit with Acrylic Diffuser
Nominal Output: 625 lm/ft

Delivered Lumens: 2411lm

Total System Watts: 26W

Photometric performance is measured in accordance with IESNA LM-79.
Visit focalpointlights.com for complete photometric data.

DETAILS



SPECIFICATIONS

LED Systems

Linear LED module incorporates premium LEDs on a robust platform to achieve excellent thermal management. Available in 3000K, 3500K, 4000K with CRI>80, 3SDCM. LED boards and drivers are replaceable.

Construction

One-piece 22 Ga. steel housing. Steel end caps attach flush to housing. For row installation, internal brackets form hairline joint. All luminaires are provided with single-point suspension mounted on 48", 72" or 96" centers. 4' unit weight: 8lbs. 6' unit weight: 13lbs. 8' unit weight: 19lbs.

Optic

Reflector fabricated of low iridescent, semi specular premium grade aluminum. 0.125" thick acrylic lens. 0.42" smooth acrylic Beam Smoothing Diffuser (dust cover) standard.

Electrical

Luminaires are pre-wired with factory installed branch circuit wiring and over-molded quick connects. Standard 120-277V constant current driver includes 0-10V analog dimming. Power factor > .9.

Emergency Battery

Emergency output—12W for 90 minutes for all available models.

Labels

UL and cUL listed. Suitable for Dry or Damp Locations, indoor use only.

Finish

Polyester powder coat applied over a 5-stage pre-treatment.

Lumen Maintenance

Calculated: L90 at 85,000 hours
Derived from EPA TM-21 calculator

Reported: L90 at >37,000 hours

Warranty

LED system rated for operation in ambient environments up to 25°C. 5 year limited warranty.

4' PERFORMANCE CHART

Shielding	Lumens per Foot	Delivered Lumens	System Watts	LPW
Acrylic Diffuser / MicroGlow Lens	625LF	2411	26	94
	750LF	2988	32	93
	875LF	3390	38	88

*Based on 3500K. *Lumen output may vary +/- 5%. Actual wattage may vary +/- 5%

ORDERING

Fixture Series		FDALW
Dart LED	FDALW	
Shielding		
Acrylic Diffuser	AC	
MicroGlow Prismatic Lens	MG	
Lumen Output		
625 Lumens per foot	625LF	
750 Lumens per foot	750LF	
875 Lumens per foot	875LF	
Color Temperature		
3000K	30K	
3500K	35K	
4000K	40K	
Circuits		1C
Single Circuit	1C	
Voltage		
120 Volt	120	
277 Volt	277	
UNV Volt	UNV	
Driver		
(See driver reference for driver quantities)		
0-10V - 10% Dimming	LD1	
Lutron A-Series	L3D	
1% EcoSystem Driver		
(Consult factory for 3-wire control)		
DALI - 10% Dimming	DD1	
DALI - 0% Dimming	DZ1	
Step Dimming	SD5	
Mounting		WM
Wall Mount	WM	
Factory Options		
Emergency Circuit	EC	
(Not available in 6' units)		
Emergency Battery	EM	
(Not available in 6' units)		
(Sensor options available—consult factory)		
Finish		
Titanium Silver	TS	
Matte Satin White	WH	
Fixture Run Length		
4'	4'	
6'	6'	
(Can not be combined with 4' & 8' lengths to create longer run length)		
8'	8'	
12' (8'+4')	12'	
16' (8'+8')	16'	
20' (8'+4'+8')	20'	
24' (8'+8'+8')	24'	
(Individual units may not be field modified for continuous row mount)		

Dart™

LED - ACRYLIC DIFFUSER

FDALW-AC-625LF-35K-LD1-WH-4'

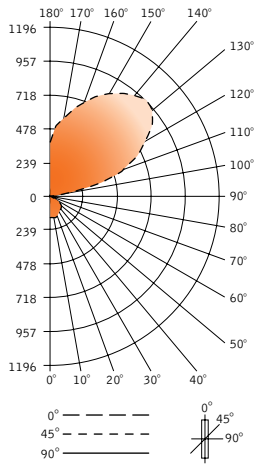
Filename: FDALWAC625LF35K.IES

Lumens: 2411lm

System Watts: 26W

LPW: 93

CANDELPower DISTRIBUTION



Vertical Angle	0°	22.5°	45°	67.5°	90°
0°	150	150	150	150	150
5°	157	155	153	153	151
15°	157	152	152	151	146
25°	147	147	143	40	136
35°	129	130	125	122	119
45°	105	106	104	105	98
55°	82	76	78	77	69
65°	50	50	50	50	46
75°	2	21	24	24	22
85°	6	2	2	6	4
90°	2	4		2	1
95°	147	96	89	52	17
105°	522	439	388	243	78
115°	829	784	676	436	140
125°	1061	1025	879	551	203
135°	1196	1141	955	605	245
145°	1105	1065	874	624	256
155°	875	853	768	597	322
165°	675	680	628	537	389
175°	282	482	493	464	435
180°	371	371	371	371	371

LUMEN SUMMARY

Zone	Lumens	% Fixture
0-30°	118	4.9
0-90°	409	17
90-130°	977	40.5
90-180°	2002	83
Total Luminaire 0-180°	2411	100.0

LUMINANCE DATA (CD/M²)

Vertical Angle	0°	45°	90°
45°	3820	3783	3562
55°	3713	3531	3134
65°	3073	3073	2827
75°	2608	2408	2208
85°	1788	595	1193

Go to www.focalpointlights.com for additional photometric data.

Dart™

LED - ACRYLIC DIFFUSER

FDALW-AC-750LF-35K-LD1-WH-4'

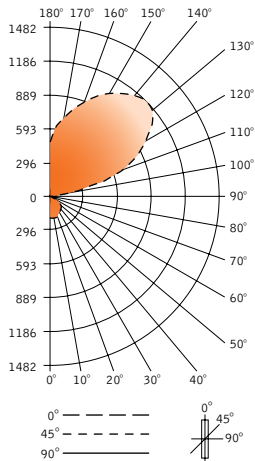
Filename: FDALWAC750LF35K.IES

Lumens: 2988lm

System Watts: 32W

LPW: 93

CANDELPower DISTRIBUTION



Vertical Angle	0°	22.5°	45°	67.5°	90°
0°	1856	186	186	186	186
5°	195	192	190	190	187
15°	195	188	188	187	181
25°	182	182	177	173	168
35°	160	160	155	151	147
45°	130	131	128	130	121
55°	102	95	97	96	86
65°	62	62	62	62	57
75°	32	26	30	30	27
85°	7	2	2	7	5
90°	2	5	9	2	1
95°	182	118	110	65	21
105°	647	544	480	301	97
115°	1028	972	838	540	173
125°	1315	1270	1089	682	252
135°	1482	1413	1184	750	303
145°	1370	1320	1083	773	317
155°	1084	1057	952	740	399
165°	837	843	778	666	482
175°	349	598	611	575	539
180°	460	460	460	460	460

LUMEN SUMMARY

Zone	Lumens	% Fixture
0-30°	146	4.9
0-90°	507	17
90-130°	1211	40.5
90-180°	2481	83
Total Luminaire 0-180°	2988	100.0

LUMINANCE DATA (CD/M²)

Vertical Angle	0°	45°	90°
45°	4733	4688	4415
55°	4601	4376	3871
65°	3808	3808	3503
75°	3233	2984	2736
85°	2217	740	1477

Go to www.focalpointlights.com for additional photometric data.

Dart™

LED - ACRYLIC DIFFUSER

FDALW-AC-875LF-35K-LD1-WH-4'

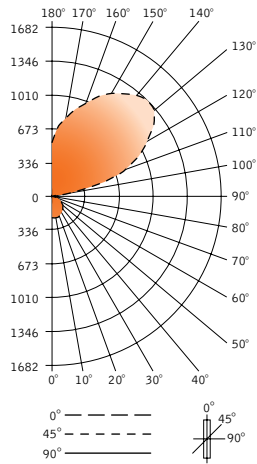
Filename: FDALWAC875LF35K.IES

Lumens: 3391lm

System Watts: 38W

LPW: 89

CANDELPower DISTRIBUTION



Vertical Angle	0°	22.5°	45°	67.5°	90°
0°	211	211	211	211	211
5°	221	218	215	215	212
15°	221	214	214	212	205
25°	207	207	201	197	191
35°	181	183	176	171	167
45°	147	149	146	147	137
55°	116	108	110	109	98
65°	71	71	71	71	65
75°	37	30	34	34	31
85°	8	3	3	8	6
90°	3	6	10	3	1
95°	207	134	125	74	24
105°	735	617	545	341	110
115°	1167	1103	951	613	197
125°	1492	1441	1236	774	286
135°	1682	1604	1344	851	344
145°	1555	1498	1229	878	360
155°	1230	1199	1080	840	453
165°	950	957	883	755	546
175°	396	678	694	653	612
180°	522	522	522	522	522

LUMEN SUMMARY

Zone	Lumens	% Fixture
0-30°	166	4.9
0-90°	575	17
90-130°	1374	40.5
90-180°	2815	83
Total Luminaire	3391	100.0

LUMINANCE DATA (CD/M²)

Vertical Angle	0°	45°	90°
45°	5372	5320	5010
55°	4222	4967	4394
65°	4321	4321	3975
75°	3669	3387	3105
85°	2516	838	1675

Go to www.focalpointlights.com for additional photometric data.