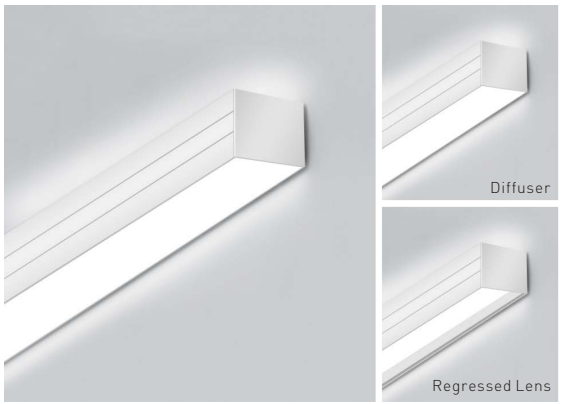
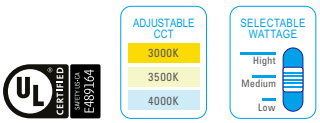
ALWM-38-O

3.8" Architectural LED Linear Wall Mount



ALWM-38-O is available in a wall mount design, with a sleek low-profile sensibility optimal for architectural lighting applications, ideal for corridors, stairwells, and more. These linear luminaries are available in 2ft, 3ft, 4ft and 8ft, simply provide wide, powerful lighting to any atmosphere with seamless continuous runs. It can provide smooth uplight and downlight, allowing for wider spacing between fixtures and better ceiling light uniformity. With wattage and CCT adjustable function, ALWM-38-O also has the flexibility to illuminate many types of spaces.





Feature

- 2', 3', 4' and 8' length options
- Seamless continuous runs and custom pattern
- Up to 7 Direct/Indirect lighting distributing options
- CCT & wattage adjustable, up to 1200lm/ft
- Diffuser and regressed lens options
- Easy maintenance

PERFORMANCE

Lens	Length	Wattage Selectable	50% UP/50%DOWN		100%DOWN		CCT Adjustable
			Efficacy	Lumen Output	Efficacy	Lumen Output	
Diffuser	2'	20W/15W/10W	1200lm/ft	Up to 2400LM	1100m/ft	Up to 2200LM	3000K/3500K/4000K
	3'	30W/23W/15W		Up to 3600LM		Up to 3300LM	
	4'	40W/30W/20W		Up to 4800LM		Up to 4400LM	
	8'	80W/60W/40W		Up to 9600LM		Up to 8800LM	
Regressed Lens	2'	20W/15W/10W	1000lm/ft	Up to 2000LM	900lm/ft	Up to 1800LM	3000K/3500K/4000K
	3'	30W/23W/15W		Up to 3000LM		Up to 2700LM	
	4'	40W/30W/20W		Up to 4000LM		Up to 3600LM	
	8'	80W/60W/40W		Up to 8000LM		Up to 7200LM	

Remark:
Lumens are subjuect to maximum wattage,4000K with white finish only.

Lumen output may vary ± 5% base on different CCT and wattage. Actual wattage may vary ± 5%.

ALWM-38-O

3.8" Architectural LED Linear Wall Mount

PRODUCT ORDERING GUIDE

Example: ALWM-38-O-4W-WH-40W-D10-80TW-A-DF

Default Settings: Maximum wattage, 4000K and 100% down.

ALWM-38-O	-	-	-	-	TW	-	-
Product Series	Length	Finish	Wattage	0-10V Dim	CRI	CCT	Lighting Distribution	Down Lens

Product Series

ALWM-38-O
3.8 inch Architectural Linear Wall Mount

Length

2W 2 Feet Wide
3W 3 Feet Wide
4W 4 Feet Wide
8W 8 Feet Wide

Finish

WH White
BL Black
CM Make to Order Custom*

Wattage

20W 20W/15W/10W Selectable for 2ft
30W 30W/23W/15W Selectable for 3ft
40W 40W/30W/20W Selectable for 4ft
80W 80W/60W/40W Selectable for 8ft

0-10V Dim

D10 110-277V AC Dims to 10%
Tested Dimmers: Lutron® Diva-Dvtv, Leviton® IP-710-DL.
D01 110-277V AC Dim to 1%

CRI

80 80+ CRI (Diffuser Only)
90 90+ CRI (Regressed Lens Only)

CCT

TW CCT adjustable 3000K/3500K/4000K

Lighting Distribution

A Adjustable by visible Dip switch:
100% uplight
10% down, 90% up (Diffuser Only)
30% down, 70% up
50% down, 50% up
70% down, 30% up
90% down, 10% up (Diffuser Only)
100% downlight

D 100% Downlight

Down Lens

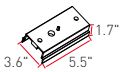
DF Diffuser, 80+CRI
RL Regressed Lens 90+CRI (White Shade)

OPTIONAL ACCESSORY

Lit Joiner

SJ
Straight Line Joiner
(Optional 40' rolling lens)





SJ
Line Joiner

Mounting & Optional Function

SMK
Surface Mounting Kits



EMI
Emergency Function
(Built-in 8W LED emergency driver and indicator before delivery, only for 4ft and 8ft lengths.)



EME
Emergency Function
(Only external 16w or 25w LED emergency driver with standard indicator available and need field-installed.)



CUSTOM LINE OR SHAPE ORDERING GUIDE

Example: ALWM-38-O-C18-WH-D10

	-	-
SHAPE/LENGTH* (CHOOSE 1 & ENTER LENGTH IN FEET)	Finish	0-10V Dim

ALWM-38-O-C__ Individual 6ft/ up to 8ft Continuous Run Section (Enter length in product code above, ex. C18)



(C)
Continuous Run

Finish

WH White
BL Black
CM Make to Order Custom *

0-10V Dim

D10 110-277V AC Dims to 10%
Tested Dimmers: Lutron® Diva-Dvtv, Leviton® IP-710-DL.
D01 110-277V AC Dim to 1%

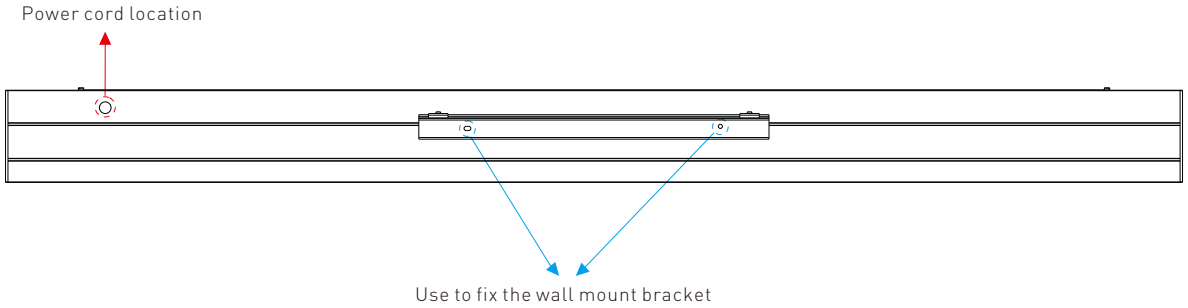
*Make to Order means additional cost and/or lead time on customized fixtures may apply. Some fixtures require an MOQ. Please contact your sales rep for more information.

Damp rated for ambient operating temperature of -20°C to + 40°C (-4° to+104°F)

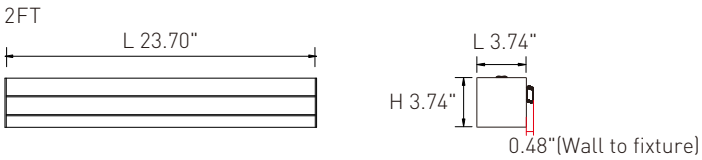
ALWM-38-O

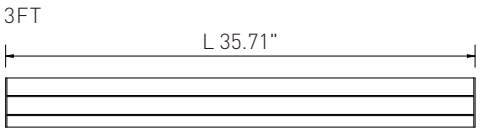
3.8" Architectural LED Linear Wall Mount

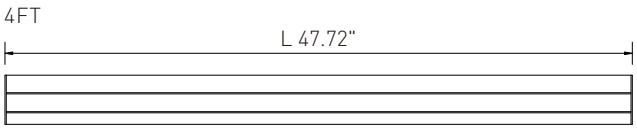
MOUNTING LOCATION

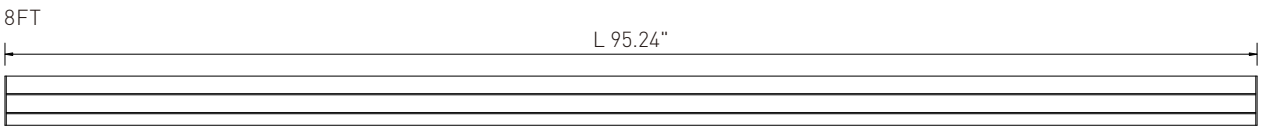


DIMENSIONS





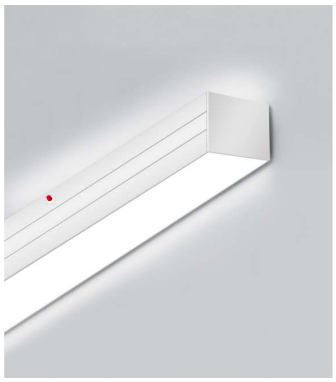




OPTIONAL FUNCTION

Emergency Option

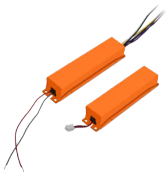
Paraflex offers UL& CEC Listed LED emergency drivers. They could be factory installed or field installed. When AC power fails it, immediately switches to the emergency mode operating for lighting minimum 90 minutes. When AC power is restored it, automatically returns to the charging mode which meets critical life-safety lighting requirements.



EMI

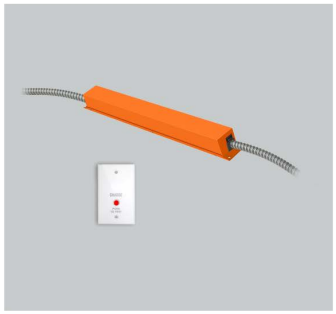
Built-in LED emergency driver

Paraflex offers the LED luminaire with built-in 8w LED emergency driver to provide critical illumination when normal power fails for any reason. It can save your labor cost with simple wiring.



Specification For LED Emergency Driver

Output Power	8 Watts
Output Voltage	20-54V DC
Input Current	70 mA Max (120V)
Input Power	4.5 Watts Max (120V)
Input Voltage	110-277VAC, 50-60Hz
Emergency Operation	≥90 Minutes
Standby Power	< 0.4W
Operating Temp	0°C to 50°C
Battery	Lithium
Recharge	24 Hrs
Certificate	UL , CEC



EME

Order Separated LED emergency driver

Optional 16w or 25w high voltage LED emergency driver can be provided if you need and do it wiring in field. For more info or spec sheet please visit our, website or contact sales.

Features:

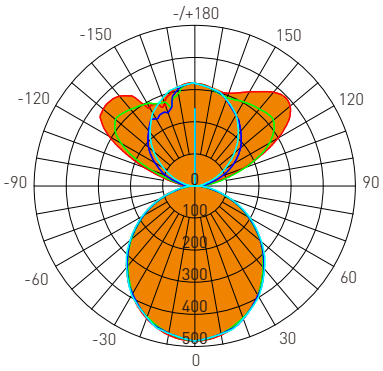
- Field-installable (UL Listed for US & Canada).
- Energy-efficient charger (CEC Title 20 compliant).
- Premium battery backup – 90+ minutes runtime during outages.
- Backed by a 5-Year Limited Warranty.
- Supports most LED luminaires (Up to 200W).
- Universal input voltage (100–277V AC).
- Automatic self-diagnostic testing with monthly, semi-annual, and annual checkups.

ALWM-38-O

3.8" Architectural LED Linear Wall Mount

DISTRIBUTION DIAGRAM

2'/ Diffuser / 3500K/
Up 50%,Down 50%



AVERAGE BEAM ANGLE(50%): 360.0°

Lumens: 2397.2 Lms
Watts: 20.20 W
LPW: 118.66 Lm/W
CCT: 3500K

UNIT:cd
C0/180, 360°
C30/210,360 °
C60/240,360 °
C90/270,360 °

Zonal Flux Diagram

T	C0	C45	C90	C135	C180
5	480.0	476.3	475.6	476.2	479.9
10	471.7	467.1	468.3	467.1	471.4
15	458.1	455.4	461.1	455.4	457.7
20	439.9	441.7	440.2	441.7	439.4
25	417.5	417.6	419.2	418.0	416.9
30	391.8	391.0	398.3	391.9	390.9
35	363.0	363.6	368.0	365.3	362.0
40	332.1	334.9	337.8	337.3	330.9
45	299.2	299.6	307.5	302.5	297.9
50	264.8	264.9	271.1	266.9	261.4
55	229.1	230.5	234.7	229.9	225.7
60	192.3	191.6	198.3	186.2	189.0
65	154.5	153.7	160.0	144.2	151.5
70	115.6	116.0	121.7	105.9	113.7
75	78.55	78.56	83.37	71.61	76.61
80	44.19	44.90	55.82	40.99	42.31
85	15.99	28.09	28.28	21.25	14.41
90	15.22	11.90	0.7287	2.242	12.51
95	35.04	33.20	12.77	23.78	37.18
100	60.69	54.28	24.80	45.12	64.58
105	99.67	93.03	36.84	82.14	106.0
110	158.5	132.5	60.57	120.4	165.6
115	227.6	168.8	84.29	158.5	234.9
120	299.8	200.0	108.0	193.0	306.6
125	356.5	225.4	134.4	221.7	357.3
130	387.1	241.2	160.9	239.8	372.3
135	393.9	254.1	187.3	254.6	373.5
140	381.2	265.5	210.7	267.3	365.7
145	359.2	269.4	234.1	271.3	343.0
150	339.3	273.3	257.4	274.3	281.6
155	320.4	279.9	272.5	279.5	283.2
160	307.7	289.3	287.6	288.6	266.4
165	304.0	297.1	302.7	296.4	296.3
170	309.1	306.7	308.3	306.0	312.3
175	317.2	314.2	313.8	314.1	320.0
180	319.4	319.4	319.4	319.4	322.4
DEG	LUMINOUS INTENSITY:cd				

Zonal Lumens

T	φ total
0-5	11.45
5-10	45.19
10-15	99.93
15-20	173.6
20-25	263.1
25-30	365.1
30-35	476.2
35-40	592.0
40-45	708.9
45-50	822.9
50-55	929.9
55-60	1026
60-65	1109
65-70	1176
70-75	1225
75-80	1257
80-85	1275
85-90	1283
90-95	1293
95-100	1312
100-105	1344
105-110	1395
	1465
	1555
	1657
	1766
	1874
135-140	1976
140-145	2069
145-150	2152
150-155	2224
	2284
	2332
	2367
	2390
	2397
UNIT: lm	

Luminance cd/(m2)

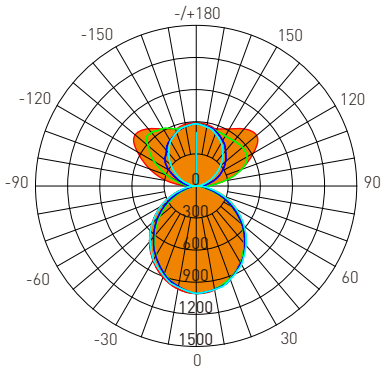
G(DEG)	C0/180	C90/270
85	3219	5692
80	4464	5640
75	5324	5651
70	5931	6242
65	6413	6642
60	6746	6958
55	7009	7180
50	7227	7400
45	7422	7630

ALWM-38-O

3.8" Architectural LED Linear Wall Mount

DISTRIBUTION DIAGRAM

4'/ Diffuser / 3500K/
Up 50%,Down 50%



AVERAGE BEAM ANGLE(50%): 360.0°

Lumens: 4849.1 Lms
Watts: 38.09 W
LPW: 127.32 Lm/W
CCT: 3500K

UNIT:cd
C0/180, 360°
C30/210,360 °
C60/240,360 °
C90/270,1360 °

Zonal Flux Diagram

ϒ	C0	C45	C90	C135	C180
5	1001	995.5	994.1	993.2	997.5
10	985.9	979.4	982.7	976.1	978.0
15	959.5	957.4	971.4	954.2	948.0
20	922.8	930.4	930.2	928.7	908.6
25	877.6	881.1	889.1	881.4	860.7
30	824.9	825.2	847.9	828.4	805.8
35	766.0	767.4	785.6	774.5	744.9
40	702.0	705.4	723.4	715.9	679.5
45	634.0	626.7	661.2	626.9	610.3
50	562.9	547.9	585.6	529.5	537.9
55	489.1	468.4	509.9	436.6	462.9
60	412.5	375.5	434.3	356.4	385.9
65	334.3	283.5	352.1	288.2	307.2
70	255.0	196.2	269.8	229.0	226.0
75	176.9	116.2	187.6	174.8	149.1
80	102.6	50.45	126.2	123.9	79.05
85	41.43	51.97	64.87	78.05	24.44
90	39.66	55.80	3.506	33.07	18.92
95	78.44	118.6	25.48	37.75	58.94
100	134.8	178.6	47.45	43.61	93.80
105	222.7	247.3	69.43	98.71	179.3
110	345.7	310.6	113.6	166.4	288.0
115	481.7	359.1	157.7	257.7	439.9
120	610.5	395.5	201.8	362.8	579.1
125	697.6	426.6	250.0	459.6	701.3
130	736.0	446.3	298.1	529.3	799.8
135	728.7	463.7	346.3	577.7	830.5
140	693.0	480.9	387.2	608.6	814.5
145	653.3	492.5	428.2	609.9	767.4
150	618.0	508.6	469.1	602.6	711.4
155	586.7	530.3	496.6	592.2	654.0
160	566.5	551.7	524.1	581.7	608.0
165	563.9	559.8	551.5	565.4	580.4
170	572.6	567.6	561.7	563.1	572.6
175	579.6	575.3	572.0	572.0	580.0
180	582.2	582.2	582.2	582.2	584.4
DEG	LUMINOUS INTENSITY:cd				

Zonal Lumens

ϒ	φ total
0-5	23.83
5-10	94.07
10-15	208.0
15-20	361.3
20-25	547.5
25-30	760.0
30-35	991.2
35-40	1233
40-45	1476
45-50	1712
50-55	1932
55-60	2129
60-65	2298
65-70	2434
70-75	2535
75-80	2603
80-85	2649
85-90	2678
90-95	2707
95-100	2752
100-105	2820
105-110	2918
	3052
	3217
	3409
	3617
	3827
135-140	4028
140-145	4213
145-150	4378
150-155	4519
	4636
	4728
	4794
	4835
	4849
UNIT: lm	

Luminance cd/(m2)

G(DEG)	C0/180	C90/270
85	4134	6472
80	5140	6321
75	5942	6302
70	6484	6860
65	6878	7244
60	7174	7554
55	7415	7731
50	7615	7921
45	7797	8131

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