

3.8"-Surface Mount

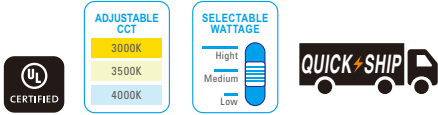
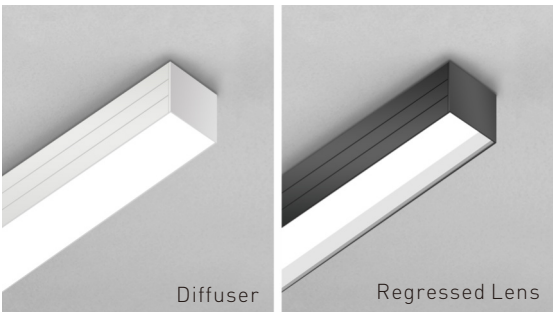
Spec-grade | Architectural LED Linear Lighting



IUS 3.8" surface linear lighting is an integrated lighting solution that compliments the ceiling and entire space while providing comfortable general illumination. It is available in 2ft, 3ft, 4ft and 8ft, simply provide wide, powerful lighting to any atmosphere with seamless continuous runs or any pattern with illuminated corner. Featured with THREE mounting options in ONE housing, The 3.8" offers numerous linear lighting options that complement our award-winning architectural lighting platform, while providing a consistent aesthetic.

Feature

- Three mounting options in ONE housing - 2', 3', 4' and 8' length options
- Seamless continuous runs or custom patterns with illuminated corner CCT & wattage adjustable, up to 1100lm/ft
- Diffuser and regressed lens options
- Easy maintenance



PERFORMANCE

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

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

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

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PRODUCT ORDERING GUIDE

Example: IZE4W-WH-40W-D10-80TW-D-DF (Surface)

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

IZE					80	TW	D		(Surface)
Product Series	Length	Finish	Wattage	0-10V Dim	CRI	CCT	Lighting Distribution	Down Lens	Just to remark the mounting. Don't show in product label.
IZE Linear	2W QuickShip 2 Feet Wide	WH QuickShip White	20W QuickShip 20W/15W/10W Selectable for 2ft	D10 QuickShip 110-277V AC Dims to 10% Tested Dimmers: Lutron Diva-Dvrv, Leviton IP-710-DL.	80 QuickShip 80+ CRI (Standard)	TW QuickShip CCT adjustable 3000K/3500K/ 4000K	D QuickShip 100% Downlight	DF QuickShip Diffuser	
	3W QuickShip 3 Feet Wide	BL QuickShip Black	30W QuickShip 30W/23W/15W Selectable for 2ft		90 Make to Order 90+ CRI*			RL QuickShip Regressed Lens (White Shade)	
	4W QuickShip 4 Feet Wide	CM Make to Order Custom *	40W QuickShip 40W/30W/20W Selectable for 2ft	D01 Make to Order 110-277V AC Dim to 1%*					
	8W QuickShip 8 Feet Wide		80W QuickShip 80W/60W/40W Selectable for 2ft						

OPTIONAL ACCESSORY

Lit Joiner		Mounting & Optional Function	
SJ QuickShip Straight Line Joiner (Optional 40' rolling lens)		SMK QuickShip Surface Mounting Kits	
LJ QuickShip Lit "L" Joiner		EMI QuickShip Emergency Function (Built-in 8W LED emergency driver and indicator before delivery, only for 4ft and 8ft lengths.)	
		EME QuickShip Emergency Function (Only external 8w or 25w LED emergency driver with standard indicator available and need field-installed.)	

CUSTOM LINE OR SHAPE ORDERING GUIDE

Example: IZEW-S-S08-WH-D10

SHAPE/LENGTH* (CHOOSE 1 & ENTER LENGTH IN FEET)		Finish	0-10V Dim
IZEW-S-C__ Individual 6ft/ up to 8ft Continuous Run Section (Enter length in product code above, ex. C18) Square QuickShip		WH QuickShip White	D10 QuickShip 110-277V AC Dims to 10% Tested Dimmers: Lutron Diva-Dvrv, Leviton IP-710-DL.
IZEW-S-S__ Configuration (Enter side length A, ex: S18) QuickShip		BL QuickShip Black	D01 Make to Order 110-277V AC Dim to 1%*
IZEW-S-R__/_ Rectangular Configuration (Enter side lengths A and B, ex. R12/24) QuickShip		CM Make to Order Custom *	
IZEW-S-L__/_ L-Shaped Configuration (Enter side lengths A and B, ex. L12/24) QuickShip			
(C) Continuous Run	(S) Square	(R) Rectangular	(L) L-Shaped

Shape orientation Looking from the Ceiling down to the floor.
All corners of shape must be 90° or 120°, same plane. joiners and rolling lens will be included. FOR more complex shape,

*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)

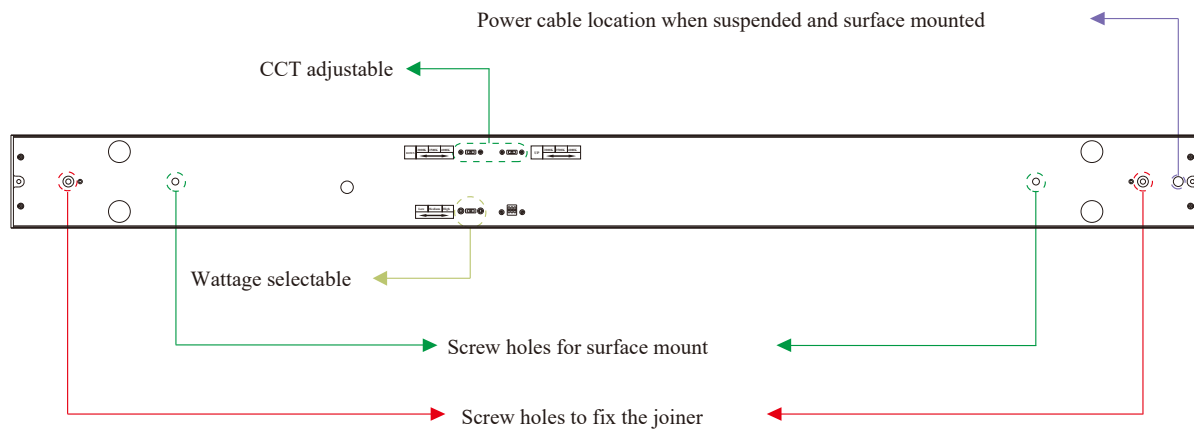
•cULus listed for damp locations
•5 years limited warranty

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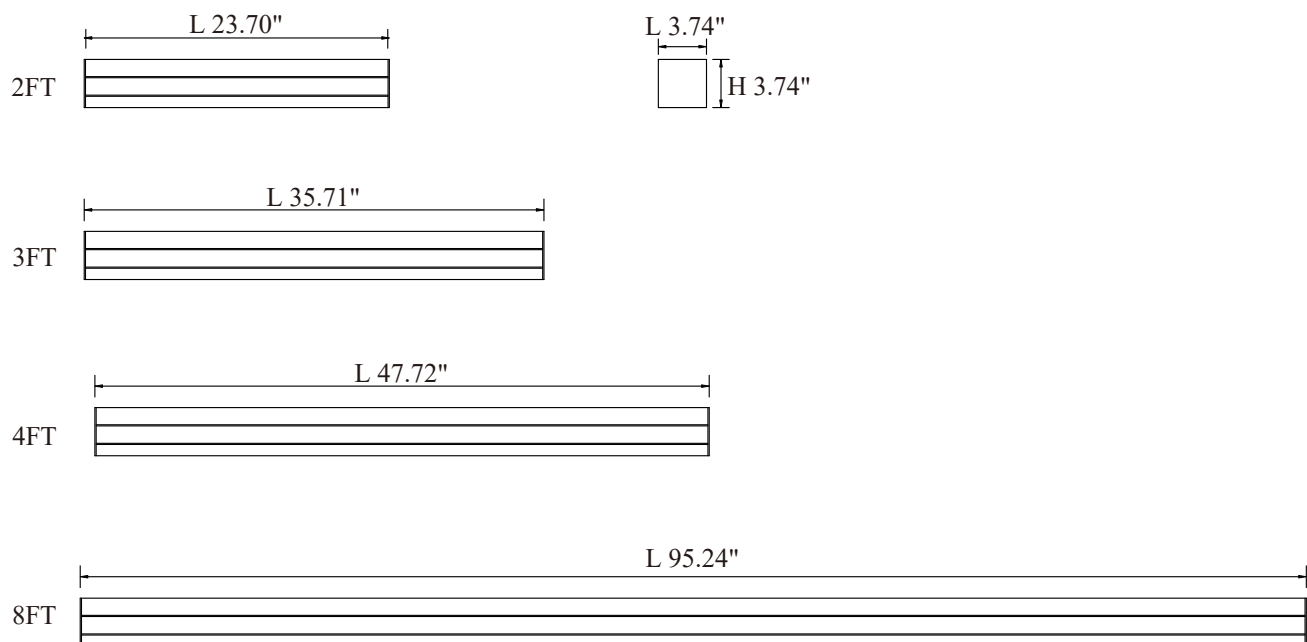
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MOUNTING LOCATION



DIMENSIONS



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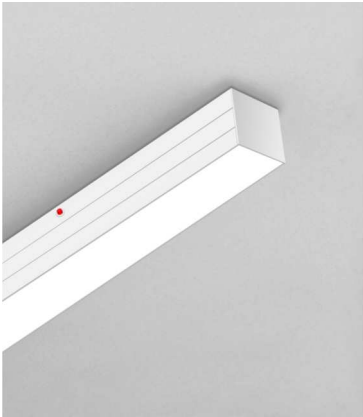
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OPTIONAL FUNCTION

► Emergency Option

IUS Lighting 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

IUS Lighting 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	15-54V DC
Input Current	70 mA (Max)
Input Power	3.2 Watts (Max)
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

Code-Required Testing

- Initial Self-Test After Installation

It will perform a functional test in 3 seconds after the driver installed to check the wiring and battery output when work. The indicator LED will be off or flicker in case of a failure or an error.

- Second Self-Test In 120 Minutes

It will perform second test in 120 minutes to check again. Upgrade in Gen 3: Repeat 4 times in every 120 minutes if fail in the second test.

- Monthly Self-Test

It will automatically perform a test every 30 days with a duration of 3 seconds, in which the wiring and battery output are checked. In case of a failure or an error, the indicator LED will be off or flicker.



EME

Order Separated LED emergency driver

Optional 8w 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.



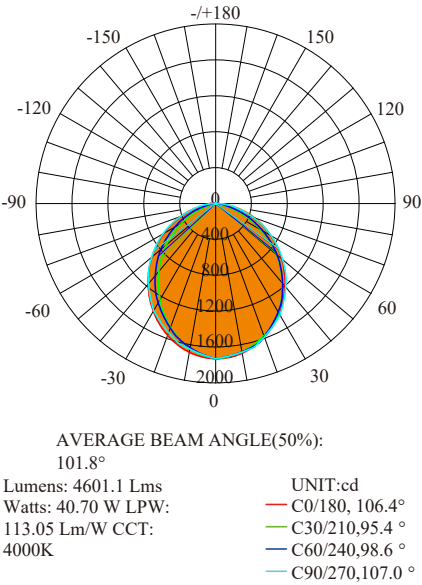
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DISTRIBUTION DIAGRAM

4"/ Diffuser / 4000K/Down 100%



Zonal Flux Diagram

Y	C0	C45	C90	C135	C180
5	1722	1709	1706	1706	1717
10	1695	1677	1682	1675	1684
15	1649	1636	1658	1635	1633
20	1585	1586	1584	1590	1565
25	1506	1493	1510	1512	1484
30	1416	1387	1436	1427	1389
35	1314	1275	1326	1342	1285
40	1203	1156	1216	1249	1173
45	1086	1014	1106	1091	1054
50	963.8	871.8	975.9	918.6	929.4
55	836.5	728.6	845.3	758.1	800.3
60	704.6	572.0	714.7	619.5	667.5
65	569.8	418.6	575.4	499.1	532.1
70	433.8	276.3	436.2	396.8	395.5
75	299.2	151.4	296.9	306.5	259.8
80	173.5	46.97	199.3	221.0	138.4
85	67.17	24.98	101.7	141.2	42.14
90	4.654	5.485	4.104	62.49	68.39
95	1.536	5.339	4.131	35.95	0.5650
100	1.517	5.168	4.158	9.947	0.6159
105	1.447	4.856	4.186	6.647	0.8541
110	1.527	4.510	4.608	7.029	1.120
115	1.756	4.298	5.031	6.921	1.423
120	2.026	4.097	5.454	6.481	1.648
125	2.316	3.844	5.632	6.146	1.937
130	2.260	3.626	5.810	5.352	2.180
135	2.578	3.737	5.988	4.750	2.455
140	2.914	4.015	5.998	4.398	2.693
145	3.184	4.449	6.008	4.322	2.908
150	3.413	4.788	6.017	4.397	3.132
155	3.684	4.857	5.831	4.608	3.342
160	3.880	5.161	5.644	4.747	3.501
165	4.043	5.122	5.458	4.799	3.655
170	4.201	4.855	5.089	4.749	3.763
175	4.272	4.593	4.720	4.531	3.879
180	4.351	4.351	4.351	4.351	3.912
DEG	LUMINOUS INTENSITY:cd				

Zonal Lumens

Y	φ total
0-5	40.97
5-10	161.6
10-15	357.0
15-20	619.7
20-25	938.7
25-30	1303
30-35	1698
35-40	2111
40-45	2527
45-50	2930
50-55	3305
55-60	3641
60-65	3927
65-70	4157
70-75	4328
75-80	4445
80-85	4520
85-90	4561
90-95	4577
95-100	4583
100-105	4585
105-110	4587
110-115	4588
115-120	4590
120-125	4591
125-130	4593
130-135	4594
135-140	4595
140-145	4596
145-150	4599
150-155	4993
155-160	4599
160-165	4600
165-170	4601
170-175	4601
175-180	4601
UNIT: lm	

Luminance cd/(m2)

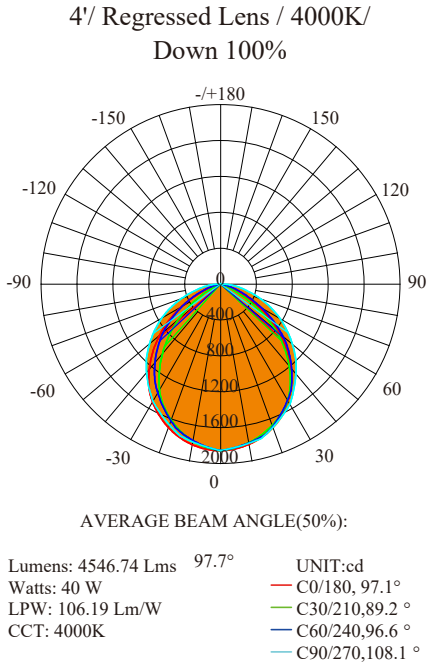
G(DEG)	C0/180	C90/270
85	6701	10147
80	8688	9980
75	10052	9975
70	11029	11089
65	11724	11840
60	12254	12430
55	12681	12815
50	13038	13202
45	13358	13607

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DISTRIBUTION DIAGRAM



Zonal Flux Diagram

Y	C0	C45	C90	C135	C180
5	1844	1830	1829	1833	1846
10	1813	1795	1802	1801	1817
15	1762	1750	1776	1760	1768
20	1692	1696	1700	1712	1701
25	1604	1597	1623	1630	1615
30	1503	1482	1547	1537	1517
35	1375	1360	1427	1443	1391
40	1216	1221	1308	1341	1237
45	1043	1026	1188	1167	1068
50	859.4	824.4	1047	960.3	887.0
55	668.1	618.5	906.3	761.5	696.4
60	473.1	407.2	765.3	619.8	501.8
65	287.6	210.6	618.3	495.8	313.7
70	140.1	85.22	471.3	377.4	154.7
75	73.86	42.76	324.3	259.9	74.73
80	48.37	15.51	217.6	156.1	50.32
85	21.26	10.24	111.0	91.92	19.49
90	0.3408	5.919	4.309	30.73	33.60
95	1.064	5.784	4.648	18.96	0.2241
100	0.8826	5.639	4.987	7.401	0.2941
105	1.037	5.661	5.325	6.332	0.4668
110	1.060	5.707	5.471	6.991	0.7184
115	1.144	5.779	5.616	7.362	0.9612
120	1.471	5.958	5.762	7.493	1.246
125	1.826	6.163	6.060	7.618	1.582
130	2.223	5.832	6.359	7.328	1.946
135	2.606	5.315	6.658	7.276	2.301
140	2.951	4.907	6.806	7.306	2.656
145	3.254	4.563	6.953	8.106	2.964
150	3.539	4.632	7.101	8.777	3.263
155	3.819	4.740	6.945	9.270	3.510
160	4.085	4.700	6.789	8.961	3.743
165	4.389	4.666	6.633	6.924	3.870
170	4.696	5.081	5.987	5.937	4.028
175	4.696	5.034	5.342	5.248	4.122
180	4.696	4.696	4.696	4.696	4.174
DEG	LUMINOUS INTENSITY:cd				

Zonal Lumens

Y	φ total
0-5	43.99
5-10	173.7
10-15	384.1
15-20	667.4
20-25	1012
25-30	1405
30-35	1832
35-40	2273
40-45	2710
45-50	3123
50-55	3492
55-60	3805
60-65	4053
65-70	4238
70-75	4366
75-80	4446
80-85	4493
85-90	4514
90-95	4522
95-100	4526
100-105	4528
105-110	4529
110-115	4531
115-120	4533
120-125	4535
125-130	4536
130-135	4538
135-140	4540
140-145	4541
145-150	4543
150-155	4544
155-160	4545
160-165	4546
165-170	4546
170-175	4547
175-180	4547
UNIT: lm	

Luminance cd/(m2)

G(DEG)	C0/180	C90/270
85	2140	11169
80	2443	10994
75	2503	10991
70	3594	12087
65	5970	12833
60	8299	13425
55	10218	13860
50	11728	14292
45	12936	14741