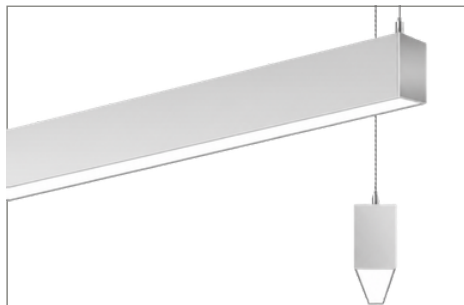


EB1 LINEAR



Application:

EB1 is a unique linear series that brings any space to the center stage. These timeless, streamlined forms blend well with contemporary decors and modern workplaces. It can provide smooth uplight and downlight, allowing for wider spacing between fixtures and better ceiling light uniformity. Unleash lighting design flexibility with EB1 with different shapes and patterns, it adds fun factor into each room. These creations will let you suggest rhythm, communicate meaning and showcase element of life.

FEATURES:

- 90+ CRI, 2ft, 4ft and 8ft length option
- 2 lighting distributions by visible DIP switch
- CCT and wattage adjustable by visible DIP switch
- Available in diffuser, louver and drop lens
- 0-10V dimming, dim to 10%
- Individual units or continuous runs
- Custom pattern with optional Line, L, X, T, Y, V joiners
- Drywall ceiling or T-Grid ceiling compatible
- Pendant mount
- cULus listed, Damp locations and 5 years limited warranty

MOUNTING:

- Drywall ceiling / off grid: various hard ceilings, mount to J-box.
- Drop ceiling / on grid: Mounts to T-grid.
- Compatible T-grid types: 9/16" Flat, 9/16" Slot, 15/16" Flat and 15/16" Slot.
- Pendant accessories include canopy kits, power cord kits, aircraft cable kits, junction box and T-grid clips.
- Individual or continuous run, up to 40ft in 120V AC and 100ft in 277V AC.

LED:

- 90+ CRI standard.
- CCT adjustable: 3000K / 3500K / 4000K.
- Wattage selectable by length: 2ft = 20W/15W/10W; 4ft = 40W/30W/20W; 8ft = 80W/60W/40W.
- Lumen output may vary +/- 5% based on different CCT and wattage. Actual wattage may vary +/- 5%.
- Lumens are subject to maximum wattage, 4000K with white finish only.

ELECTRICAL:

- 0-10V dimming: D10 dims to 10%, 110-277V AC.
- Default settings: maximum wattage, 4000K and 100% down.
- Damp rated for ambient operating temperature of -20°C to +40°C (-4°F to +104°F).
- Tested dimmers: Lutron Diva-Dvtv and Leviton IP-710-DL.

Finish

- WH White.
- BK Black.
- CC Custom (Made to Order).

LISTING:

- cULus listed.
- Damp locations.
- 5 years limited warranty.

CONFIGURATIONS

Lens	Length	Wattage selectable	25% UP / 75% DOWN	25% UP / 75% DOWN Lumen output	25% UP / 75% DOWN Lumen Efficiency	100% DOWN	100% DOWN Lumen output	100% DOWN Lumen Efficiency	CCT adjustable
Diffuser	2'	20W/15W/10W	850lm/ft	Up to 1700LM	85 LM/W	800lm/ft	Up to 1600LM	80 LM/W	3000K/3500K/4000K
	4'	40W/30W/20W	850lm/ft	Up to 3400LM		800lm/ft	Up to 3200LM		3000K/3500K/4000K
	8'	80W/60W/40W	850lm/ft	Up to 6800LM		800lm/ft	Up to 6400LM		3000K/3500K/4000K
Louver	2'	20W/15W/10W	750lm/ft	Up to 1500LM	75 LM/W	700lm/ft	Up to 1400LM	70 LM/W	3000K/3500K/4000K
	4'	40W/30W/20W	750lm/ft	Up to 3000LM		700lm/ft	Up to 2800LM		3000K/3500K/4000K
	8'	80W/60W/40W	750lm/ft	Up to 6000LM		700lm/ft	Up to 5600LM		3000K/3500K/4000K
Drop Lens	2'	20W/15W/10W	1000lm/ft	Up to 2000LM	100 LM/W	950lm/ft	Up to 1900LM	95 LM/W	3000K/3500K/4000K
	4'	40W/30W/20W	1000lm/ft	Up to 4000LM		950lm/ft	Up to 3800LM		3000K/3500K/4000K
	8'	80W/60W/40W	1000lm/ft	Up to 8000LM		950lm/ft	Up to 7600LM		3000K/3500K/4000K

Note: Lumen output may vary +/- 5% base on different CCT and wattage. Actual wattage may vary +/- 5%. Lumens are subject to maximum wattage, 4000K with white finish only. Default settings: Maximum wattage, 4000K and 100% down.

EB1 LINEAR

ORDERING INFORMATION

EXAMPLE: EB1-WH-40W-D10-90TW-A-DF (Pendant)

MODEL	ROW		SECTION		LED		CCT		CRI		MOUNTING		VOLTAGE	
EB1-IND (Individual) EB1-CON (Continuous Run)	xx'	Specify nominal overall row length	2	2' Length	3S	100%, 75%, 50% adjustable	3T	adjustable 3000K / 3500K / 4000K	(Blank)	90+ CRI	(Blank)	Pendant	UNV	120-277V
4			4' Length											
8			8' Length											
EB1-CM (Custom)	Must provide a sketch on the last page													

DIMMING		LIGHTING DISTRIBUTION		DOWN LENS		FINISH		CEILING TYPE		CANOPY		
(Blank)	0-10V dim to 10%	A	Field adjustable (25% up 75% down or 100% down)		Diffuser	WH BK CC	White Black Custom Colors ¹	X1	15/16" T-bar ceiling	(Blank)	White Round (1.6" for Non-Power Feed and 4.5" for Power Feed)	
					Louver			X2	Hard ceiling		BC	Black Round (1.6" for Non-Power Feed and 4.5" for Power Feed)
					Drop Lens			X4	9/16" T-bar ceiling		WCS	White Square (1.6" for Non-Power Feed and 4.5" for Power Feed)
								X5	9/16" Screw Slot ceiling		BCS	Black Square (1.6" for Non-Power Feed and 4.5" for Power Feed)
								X6	15/16" Screw Slot ceiling			

POWER CORD & AIRCRAFT CABLE		OPTIONS		NON-LIT JOINER (OPTIONAL)	
AC48	4ft white power cord + 5ft aircraft cable	REM8	8W remote EM for field install	SJ	Straight Line Joiner
AC48-BKC	4ft black power cord + 5ft aircraft cable	REM25	25W remote EM for field install	TJ	"T" Joiner
AC144	12ft white power cord + 12ft aircraft cable	CMS	Daylight Harvesting Occupancy Sensor (Installed inside canopy)	LJ	"L" Joiner
AC144-BKC	12 ft black power cord + 12ft aircraft cable	CASAMBI	Contact factory for CASAMBI READY options	XJ	"X" Joiner
		OLR	40ft length seamless lens roll for field installation	YJ	"Y" Joiner
				VJ	"V" Joiner

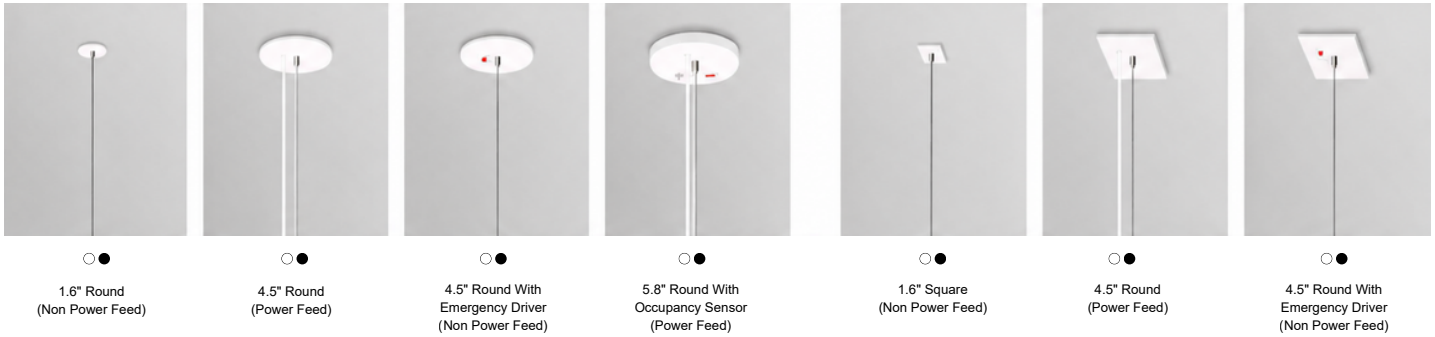
Note:

1. Made 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.

EB1 LINEAR

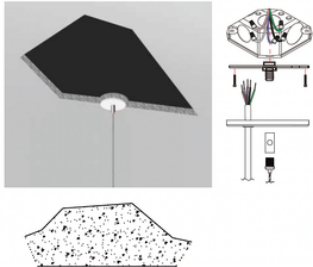
MOUNTING

Canopy Style



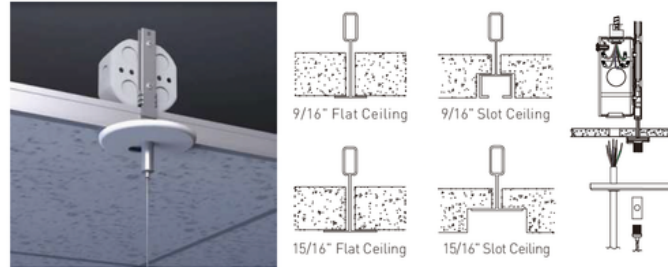
Drywall Ceiling / Off Grid

Pendant With Flat Canopy For Recessed J-Box



Drop Ceiling / On Grid

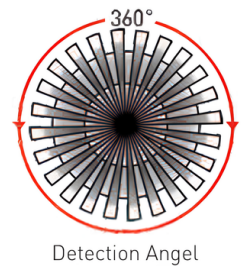
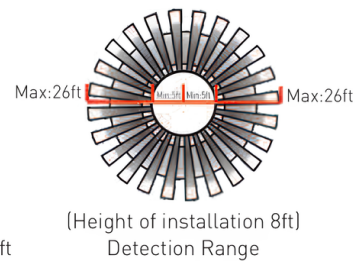
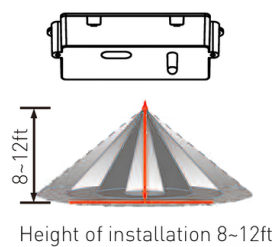
Suspending the luminaire in the T-grid. Compatible for various T-grid, including 9/16" Flat, 9/16" Slot, 15/16" Flat and 15/16" Slot.



Occupancy Sensor (OCC)

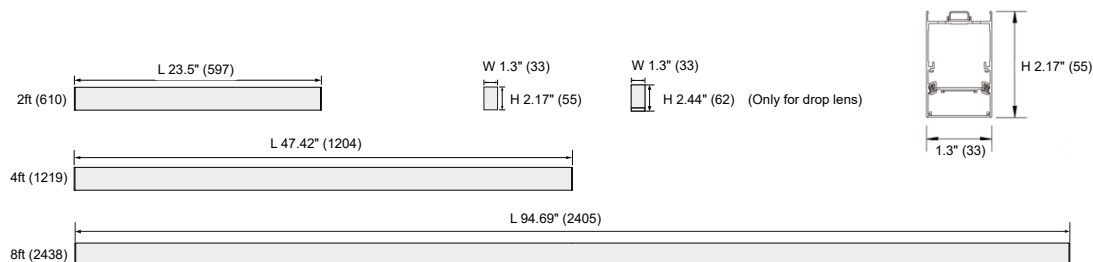


Sensor Coverage



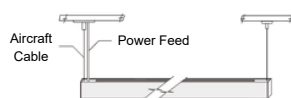
EB1 LINEAR

DIMENSIONS



All dimensions are in inches (millimeters).

Individual

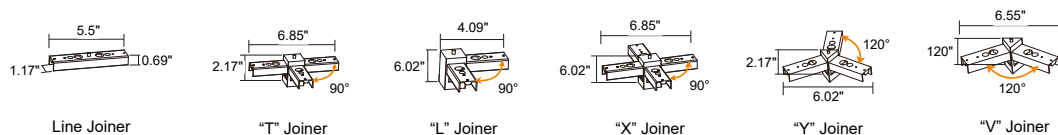


Continuous Run



Individual or continuous run, up to 40ft in 120V AC, 100ft in 277V AC.

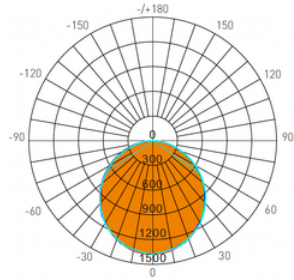
Custom Pattern With Joiners



EB1 LINEAR

Photometrics

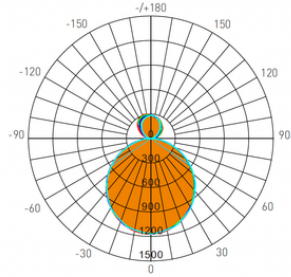
4"/Diffuser/100% Down/4000K



Lumens: 3771.05 Lm
Watts: 40 W
LPW: 89.39 Lm/W
CCT: 4000K

UNIT: cd
— C0/180, 109.7°
— C30/270, 110.0°
— C60/240, 110.7°
— C90/270, 111.1°

4"/Diffuser/25% Up,75% Down/4000K



Lumens: 3988.37 Lm
Watts: 40 W
LPW: 95.24 Lm/W
CCT: 4000K

UNIT: cd
— C0/180, 110.5°
— C30/270, 110.0°
— C60/240, 110.7°
— C90/270, 111.1°

Zonal Flux Diagram - Luminous Intensity (cd)					
T	C0	C45	C90	C135	C180
5	1369	1359	1357	1361	1373
10	1347	1334	1337	1336	1354
15	1313	1303	1316	1299	1323
20	1266	1267	1262	1247	1272
25	1208	1205	1208	1186	1219
30	1140	1135	1154	1122	1153
35	1062	1062	1071	1050	1072
40	976.4	983.8	988.8	957.6	974.4
45	883.7	886.6	906.5	783.1	888.6
50	784.8	789.2	803.8	626.2	801.2
55	680.4	691.8	701.2	502.2	690.3
60	571.8	577.8	598.6	404.1	585.1
65	460.1	466.6	485.1	314	479.4
70	348.3	356.3	371.6	233.5	367.7
75	239.5	247	258.1	160	249.3
80	136.7	145.7	172.8	93.1	83.41
85	48.16	74.26	87.56	46.56	25.93
90	2.283	4.164	2.321	1.715	1.697
95	5.97	4.673	2.367	2.337	0.3687
100	5.849	5.182	2.414	2.964	0.5275
105	6.116	5.362	2.46	3.7	0.6953
110	6.41	5.514	2.778	4.412	0.9148
115	6.513	5.754	3.095	4.988	1.181
120	6.695	6.041	3.413	5.559	1.409
125	6.718	6.259	3.696	6.234	1.652
130	6.531	6.176	3.978	6.039	1.886
135	6.339	6.021	4.261	5.881	2.124
140	6.017	5.736	4.464	5.996	2.348
145	5.489	5.455	4.667	6.071	0.553
150	4.784	5.106	4.869	5.956	2.759
155	4.103	4.691	4.9	5.66	2.922
160	3.706	4.33	4.931	5.248	3.076
165	3.646	4.055	4.961	4.881	3.212
170	3.768	4.052	4.738	4.666	3.347
175	3.927	4.171	4.514	4.455	3.389
180	4.29	4.29	4.29	4.29	3.431
DEG	LUMINOUS INTENSITY: cd				

Zonal Lumens	
T	Phi total
0-5	32.69
5-10	129.3
10-15	286.3
15-20	498.3
20-25	757
25-30	1054
30-35	1379
35-40	1719
40-45	2062
45-50	2396
50-55	2707
55-60	2987
60-65	3229
65-70	3427
70-75	3576
75-80	3676
80-85	3732
85-90	3751
90-95	3752
95-100	3753
100-105	3754
105-110	3756
110-115	3757
115-120	3759
120-125	3761
125-130	3762
130-135	3764
135-140	3765
140-145	3767
145-150	3768
150-155	3769
155-160	3770
160-165	3770
165-170	3771
170-175	3771
175-180	3771
UNIT:lm	

Luminance cd/(m2)		
G (DEG)	C0/180	C90/270
85	13157	23921
80	18739	23694
75	22034	23739
70	24246	25866
65	25919	27328
60	27229	28503
55	28242	29107
50	29070	29775
45	29757	30523

Zonal Flux Diagram - Luminous Intensity (cd)					
T	C0	C45	C90	C135	C180
5	1161	1153	1152	1155	1164
10	1143	1132	1135	1136	1149
15	1113	1105	1118	1111	1122
20	1074	1075	1072	1082	1085
25	1025	1022	1025	1031	1038
30	967	962.6	979.2	973	982.2
35	901.2	901.1	909.2	913.3	918.5
40	828.7	835.1	839.2	832.5	847.7
45	750.3	752.6	769.3	667.9	770.7
50	666.2	669.8	682.1	530.6	687.8
55	577.9	587.1	594.9	428.2	600.2
60	485.9	490.2	507.8	343	508.6
65	390.8	395.5	411.5	265.1	414.4
70	295.6	302	315.1	196.2	319.2
75	203.8	209.1	218.8	135.3	216.6
80	116.8	123.2	146.5	79.88	73.23
85	41.84	62.64	74.14	40.19	23.29
90	2.992	3.212	1.821	1.957	1.958
95	4.106	18.65	10.98	14.65	1.139
100	18.52	34.76	20.13	28.05	10.79
105	40.6	62.17	29.29	55.27	44.13
110	73.56	89.6	48.53	83.83	83.85
115	121.2	110.1	67.77	110.3	124.3
120	144.1	127.3	87	137.9	146.4
125	165.4	145.1	110.7	167.9	172.6
130	181.9	161.8	134.3	191.6	201.7
135	197.1	179	158	216.4	229.4
140	211.4	197.4	180.1	240	251.8
145	225.1	213.2	202.3	255.6	268.4
150	238.9	228.6	224.4	269.9	286.9
155	252.7	244.2	239.9	283.5	292.6
160	264.3	257.7	255.4	292.9	301.3
165	272.5	265	270.9	293.2	302.1
170	278.2	272.6	277	292.1	295.6
175	283.7	280.6	283.1	289.8	284.5
180	289.2	289.2	289.2	289.2	286.8
DEG	LUMINOUS INTENSITY: cd				

Zonal Lumens	
T	Phi total
0-5	27.74
5-10	109.7
10-15	243
15-20	423.2
20-25	643.4
25-30	896.1
30-35	1173
35-40	1463
40-45	1755
45-50	2038
50-55	2302
55-60	2540
60-65	2746
65-70	2914
70-75	3040
75-80	3125
80-85	3173
85-90	3189
90-95	3193
95-100	3203
100-105	3222
105-110	3253
110-115	3296
115-120	3348
120-125	3408
125-130	3474
130-135	3545
135-140	3619
140-145	3692
145-150	3762
150-155	3826
155-160	3881
160-165	3962
165-170	3959
170-175	3979
175-180	3986
UNIT:lm	

Luminance cd/(m2)		
G (DEG)	C0/180	C90/270
85	11429	20254
80	16017	20082
75	18749	20126
70	20578	21937
65	22015	23181
60	23138	24181
55	23988	24697
50	24678	25266
45	25264	25902

EB1 LINEAR

EB1 CUSTOM PATTERNS

Instruction:

Please provide sketches illustrating corner types, overall dimensions including corner dimensions, and locations required.

A large grid area for sketching custom patterns. The grid is composed of 30 columns and 30 rows of squares, providing a space for technical drawings and sketches.