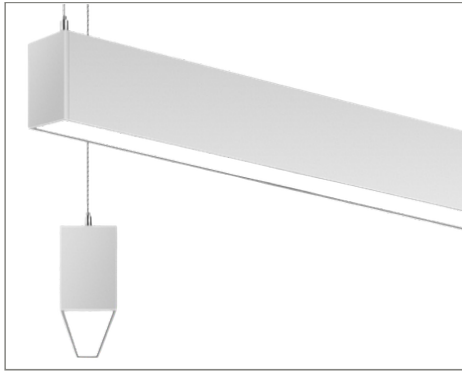


EB2 LINEAR

Project Name:	
Type:	



Application:

Combining superior esthetics, quality performance and unparalleled versatility, EB2 1.8 in series offers new opportunities to capture the beauty and benefits of true lighting. With a maximum output of 1200 lm/ft and a choice of various lengths, EB2 is capable of delivering the light levels needed for demanding applications by CCT adjustable and wattage selectable functions, compatible for dry ceiling and drop ceiling. While simple in appearance.

FEATURES:

- 2 lighting distribution by visible DIP switch
- CCT and wattage adjustable by visible DIP switch
- Continuous runs or custom pattern
- Drywall ceiling or T-Grid ceiling compatible
- Pendant mount
- cULus listed, damp locations and 5 years limited warranty
- Field adjustable; quick ship; selectable wattage; adjustable CCT 3000K / 3500K / 4000K

MOUNTING:

- Ceiling / off grid: various hard ceilings, mount to J-box.
- Drop ceiling / on grid: Mounts to T-grid. Compatible for 9/16 in flat, 9/16 in slot and 15/16 in flat ceiling.
- Pendant accessories for drywall ceiling: canopy kits, power cord kits, aircraft cable kits.
- Pendant accessories for drop ceiling: canopy kits, junction box, power cord kits, aircraft cable kits and T-grid clips.
- Individual or continuous run, up to 40 ft in 120V AC, 100 ft in 277V AC.

LED:

- CCT adjustable: 3000K / 3500K / 4000K.
- Wattage selectable: 20W/15W/10W for 2 ft, 40W/30W/20W for 4 ft, 80W/60W/40W for 8 ft.
- White finish efficacy: 580~1170 lm/ft.
- Black finish efficacy: 480~970 lm/ft.
- Performance data note: Check the IES file to gain the accurate data.

ELECTRICAL:

- 0-10V dimming: D10 dims to 10%, 110-277V AC.
- Tested dimmers: Lutron Diva-Dtvt and Leviton IP-710-DL.
- Damp rated for ambient operating temperature of -20C to +40C (-4F to +104F).

Finish

- WH - White
- BK - Black
- CC - Custom¹ (Made to Order)

LISTING:

- cULus listed
- Damp locations
- 5 years limited warranty

CONFIGURATIONS

Finish	Length	Wattage Selectable	25% up / 75% DOWN - 3000K	25% UP / 75% DOWN - 3000K Lumen Efficiency	25% up / 75% DOWN - 3500K	25% UP / 75% DOWN - 3500K Lumen Efficiency	25% up / 75% DOWN - 4000K	25% UP / 75% DOWN - 4000K Lumen Efficiency	100% DOWN - 3000K	100% DOWN - 3000K Lumen Efficiency	100% DOWN - 3500K	100% DOWN - 3500K Lumen Efficiency	100% DOWN - 4000K	100% DOWN - 4000K Lumen Efficiency	Efficacy
White	2'	20W/15W/10W	1120-2240 lm	112 LM/W	1220-2440 lm	122 LM/W	1170-2340 lm	117 LM/W	1050-2100 lm	105 LM/W	1150-2300 lm	115 LM/W	1100-2200 lm	110 LM/W	580-1170 lm/ft
	4'	40W/30W/20W	2240-4480 lm		2440-4880 lm		2340-4680 lm		2100-4200 lm		2300-4600 lm		2200-4400 lm		
	8'	80W/60W/40W	4480-8960 lm		4880-9760 lm		4680-9360 lm		4200-8400 lm		4600-9200 lm		4400-8800 lm		
Black	2'	20W/15W/10W	920-1840 lm	92 LM/W	1020-2040 lm	102 LM/W	970-1940 lm	97 LM/W	850-1700 lm	85 LM/W	950-1900 lm	95 LM/W	900-1800 lm	90 LM/W	480-970 lm/ft
	4'	40W/30W/20W	1840-3680 lm		2040-4080 lm		1940-3880 lm		1700-3400 lm		1900-3800 lm		1800-3600 lm		
	8'	80W/60W/40W	3680-7360 lm		4080-8160 lm		3880-7760 lm		3400-6800 lm		3800-7600 lm		3600-7200 lm		

EB2 LINEAR

ORDERING INFORMATION

EXAMPLE: EB24M-WH-40W-D10-90TW-A-DF (Pendant)

MODEL	ROW		SECTION		LED		CCT		CRI		MOUNTING		VOLTAGE		DIMMING	
EB2-IND (Individual)	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	(Blank)	0-10V dim to 10%
EB2-CON (Continuous Run)			4	4' Length												
EB2-CM (Custom)			8	8' Length												
Must provide a sketch on the last page																

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

POWER CORD & AIRCRAFT CABLE		OPTIONS				NON-LIT JOINER (OPTIONAL)		
AC48 AC48-BKC AC144 AC144-BKC	4ft white power cord + 5ft aircraft cable 4ft black power cord + 5ft aircraft cable 12ft white power cord + 12ft aircraft cable 12 ft black power cord + 12ft aircraft cable	EM8 REM25 CMS CASAMBI OLR	8W Integrated EM (factory installed) 25W remote EM for field install Daylight Harvesting Occupancy Sensor (Installed inside canopy) Contact factory for CASAMBI READY options 40ft length seamless lens roll for field installation				SJ TJ LJ XJ YJ VJ	Straight Line Joiner T Joiner L Joiner X Joiner Y Joiner 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.

EB2 LINEAR

MOUNTING

Canopy Style



○ ●
1.6" Round
(Non Power Feed)

○ ●
4.5" Round
(Power Feed)

○ ●
4.5" Round With
Emergency Driver
(Non Power Feed)

○ ●
5.8" Round With
Occupancy Sensor
(Power Feed)

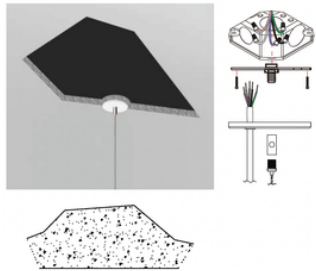
○ ●
1.6" Square
(Non Power Feed)

○ ●
4.5" Round
(Power Feed)

○ ●
4.5" Round With
Emergency Driver
(Non Power Feed)

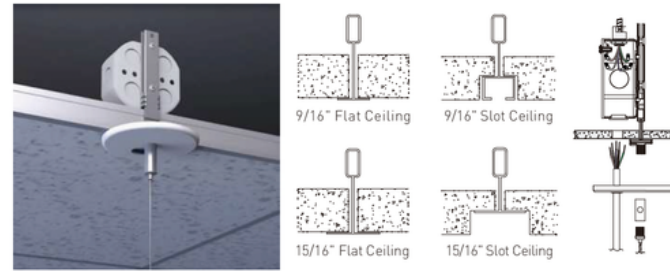
Drywall Ceiling / Off Grid

Various Hard Ceilings (Mount to J-box)



Drop Ceiling / On Grid

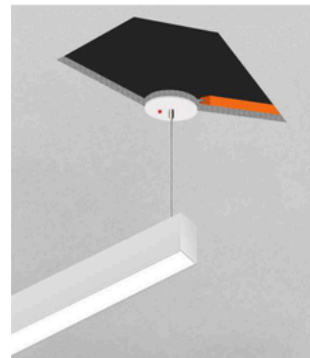
Suspending the luminaire in the T-grid. Compatible for various T-grid, including 9/16" Flat, 9/16" Slot, 15/16" Flat.



EM8 (Built-in LED emergency driver)



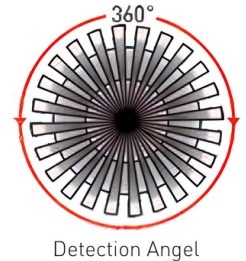
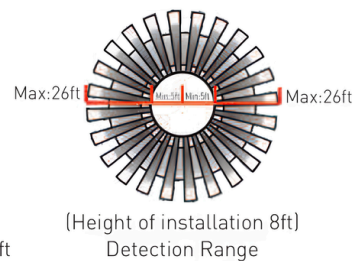
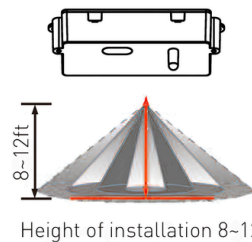
REM25 (Order Separated LED emergency driver)



Occupancy Sensor (OCC)

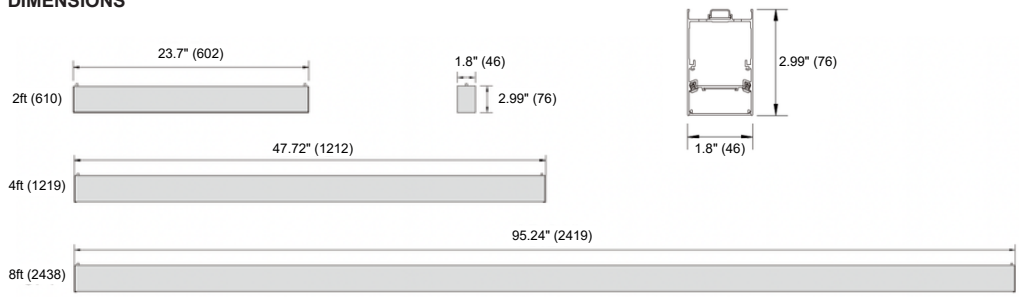


Sensor Coverage



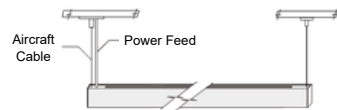
EB2 LINEAR

DIMENSIONS



All dimensions are in inches (millimeters).

Individual

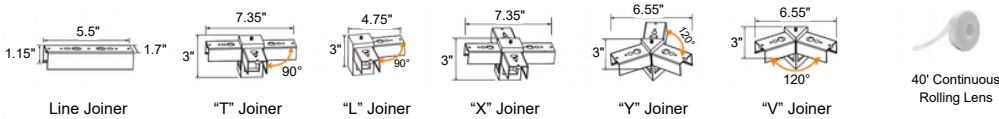


Continuous Run



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

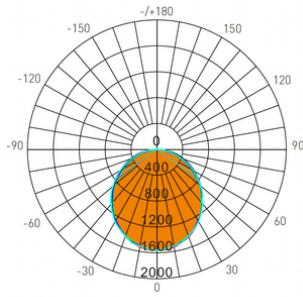
Custom Pattern With Joiners



EB2 LINEAR

Photometrics

4"/Diffuser/100% Down/4000K



Lumens: 4175.42 Lm
 Watts: 40 W
 LPW: 107.97 Lm/W
 CCT: 3000K

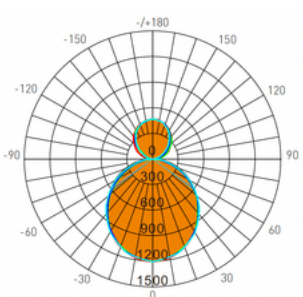
UNIT: cd
 C0/180, 107.7°
 C30/210, 105.9°
 C60/240, 107.1°
 C90/270, 108.9°

Zonal Flux Diagram - Luminous Intensity (cd)					
T	C0	C45	C90	C135	C180
5	1556	1543	1539	1542	1555
10	1532	1513	1514	1513	1528
15	1490	1475	1490	1475	1487
20	1433	1430	1423	1432	1429
25	1363	1353	1356	1359	1360
30	1282	1268	1290	1277	1277
35	1190	1180	1192	1194	1186
40	1090	1086	1095	1093	1087
45	984.1	972.8	997.1	903.1	982
50	871.7	859.5	880.8	717.3	870.4
55	756	747	764.5	563.3	753.9
60	634.8	616.5	648.3	465	633.8
65	510.5	488.9	519.9	373.3	510.2
70	384.1	361.7	391.5	283	384.4
75	259.5	235	263.1	194.8	257.1
80	141.1	120.8	176	115.2	139.2
85	43.84	60.87	88.86	59.69	25.85
90	0.7283	2.885	1.718	5.544	3.443
95	1.779	2.816	1.973	4.765	0.5225
100	1.956	2.742	2.228	4.015	0.7466
105	2.181	2.862	2.483	4.599	1.017
110	2.418	2.997	2.832	5.326	1.321
115	2.619	3.078	3.181	5.658	1.638
120	2.871	3.146	3.53	5.661	1.941
125	3.091	3.239	3.785	5.58	2.264
130	3.306	3.442	4.039	5.066	2.544
135	3.53	3.716	4.294	4.649	2.81
140	3.712	4.043	4.347	4.38	3.043
145	3.88	4.233	4.4	4.376	3.277
150	4.029	4.362	4.453	4.417	3.557
155	4.127	4.466	4.439	4.556	3.795
160	4.23	4.512	4.426	4.705	3.991
165	4.318	4.405	4.412	4.765	4.164
170	4.318	4.354	4.374	4.534	4.29
175	4.248	4.286	4.337	4.39	4.397
180	4.3	4.3	4.3	4.3	4.458
DEG	LUMINOUS INTENSITY: cd				

Zonal Lumens	
T	Phi total
0-5	37.1
5-10	146.5
10-15	324.3
15-20	563.8
20-25	855.4
25-30	1189
30-35	1552
35-40	1932
40-45	2314
45-50	2684
50-55	3028
55-60	3337
60-65	3603
65-70	3818
70-75	3977
75-80	4081
80-85	4138
85-90	4157
90-95	4158
95-100	4159
100-105	4160
105-110	4162
110-115	4163
115-120	4164
120-125	4166
125-130	4167
130-135	4168
135-140	4170
140-145	4171
145-150	4172
150-155	4173
155-160	4174
160-165	4174
165-170	4175
170-175	4175
175-180	4175
	UNIT:lm

Luminance cd/(m2)		
G (DEG)	C0/180	C90/270
85	9446	19236
80	15327	19123
75	18920	19183
70	21187	21598
65	22791	23210
60	23954	24462
55	24868	25149
50	25588	25854
45	26258	26605

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



Lumens: 4463.53 Lm
 Watts: 40 W
 LPW: 117.05 Lm/W
 CCT: 3000K

UNIT: cd
 C0/180, 107.8°
 C30/210, 105.0°
 C60/240, 106.3°
 C90/270, 108.7°

Zonal Flux Diagram - Luminous Intensity (cd)					
T	C0	C45	C90	C135	C180
5	1196	1186	1184	1186	1196
10	1176	1163	1166	1164	1176
15	1144	1134	1147	1137	1144
20	1100	1099	1096	1105	1101
25	1046	1040	1045	1049	1047
30	983.8	974	994.5	987.2	983.9
35	913.6	905.7	919.2	923.9	913.6
40	836.9	833.7	844	846.3	838.4
45	755.3	746.1	768.7	698.4	756.8
50	669.2	659	679.5	556	671.7
55	579.4	572.1	590.3	437.6	582
60	486.8	469.5	501.1	363.2	489.7
65	391.2	368.8	402.2	293	394.7
70	294.2	268.6	303.3	225	298.3
75	198.5	168.9	204.3	159.3	200.2
80	106.8	81.23	136.7	99.44	108.9
85	33.35	48.53	69.09	53.24	21.01
90	2.077	17.62	1.475	8.028	4.643
95	37.89	55.62	20.43	30.93	9.619
100	85.15	92.66	39.39	54.84	50.11
105	132.6	120.2	58.34	90.05	99.92
110	171.1	146.7	90.93	124.8	147.2
115	203.4	175.7	123.5	154.9	192.7
120	225.3	208.1	156.1	184.7	222
125	250.5	242.3	193.6	217.3	250.6
130	281.2	271.9	231.1	253	282.4
135	315	300.8	268.6	288.1	317.3
140	344.3	330.5	303.8	321.1	349.4
145	366.5	355	339.1	347.7	372.3
150	386.3	378.6	374.4	372.5	392.5
155	406.6	404.4	398	397.7	411
160	426	428.6	421.5	421.8	427.1
165	445.1	443.3	445.1	435.6	441.9
170	460.3	455.2	453.3	449.3	453.6
175	468.6	463.9	461.4	460.9	463.9
180	469.5	469.5	469.5	469.5	468.2
DEG	LUMINOUS INTENSITY: cd				

Zonal Lumens	
T	Phi total
0-5	28.52
5-10	112.6
10-15	249.2
15-20	433.4
20-25	657.5
25-30	913.6
30-35	1193
35-40	1485
40-45	1778
45-50	2062
50-55	2327
55-60	2564
60-65	2768
65-70	2933
70-75	3055
75-80	3155
80-85	2975
85-90	2989
90-95	2993
95-100	3232
100-105	3271
105-110	3326
110-115	3394
115-120	3474
120-125	3565
125-130	3667
130-135	3777
135-140	3890
140-145	4003
145-150	4111
150-155	4209
155-160	4296
160-165	4367
165-170	4420
170-175	4452
175-180	4464
	UNIT:lm

Luminance cd/(m2)		
G (DEG)	C0/180	C90/270
85	7220	14957
80	11609	14854
75	14471	14895
70	16230	16730
65	17465	17956
60	18369	18911
55	19060	19419
50	19643	19946
45	20155	20511

EB2 LINEAR

EB2 CUSTOM PATTERNS

Instruction:

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

A large grid area for drawing custom patterns, consisting of a 30x30 grid of squares. The grid is intended for the user to provide sketches illustrating corner types, overall dimensions including corner dimensions, and locations required.