

MB3G2

Vertical Round Accent

JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

ELECTRICAL DATA

LED Light Engine	System Wattage *	CCT / CRI	Delivered Lumens **
L1	24W	3000K / 82 CRI	2500lm
L2	34W	3000K / 82 CRI	3200lm
L3	45W	3000K / 82 CRI	3900lm

* System Wattage include driver and LED Module consumption

** Delivered lumen output will vary depending on CCT, CRI and optic

LED LIGHT ENGINE

- 92 CRI & 82 CRI in 2700K, 3000K, 3500K and 4100K with 2 SDCM binning
- LED mounted to die-cast / extruded aluminum heat sink
- 50,000 hours average rated life at 70% output

OPTICS

17° Spot, 30° Narrow Flood, and 55° Wide Flood

ELECTRICAL SYSTEM

- 120V-277V 50/60Hz input
- Class 2 power supply
- Over voltage, over current and short circuit protection: Auto recovery
- This product complies with IEEE C62.41 for surge endurance up to 2.5KV. Additional surge protection recommended. Damage from power surge is not covered by warranty.

DIMMING

Must specify **-DIM** for Phase Dimming

- Forward / Reverse phase dimming
- Phase dimming in 120V only
- Dimmable 100 - 10%

TRACK COMPATIBILITY

Track luminaire is designed for use with the following track systems:

- Intense Single Circuit/Single Neutral 120V
- Intense Two Circuit/Single Neutral 120V (No Dimming)
- Pro-Series Two Circuit / Two Neutral 120V
- Pro-Series Two Circuit / Two Neutral 277V (No Dimming)
- J-Type & L-Type Adapter are for Single / Two Circuit

ACCESSORIES

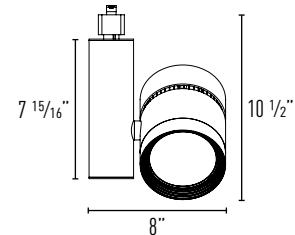
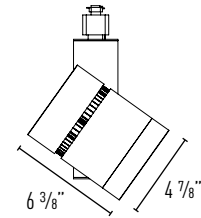
Luminaire will accommodate (2) Filter Media, an accessory holder is required.

LISTING/WARRANTY

- ETL Listed to US and Canadian standards for dry locations
- 5-Year Intense LED Limited Warranty
- ENERGY STAR® Qualified²



MB



Horizontal Adjustability: 358°

Vertical Adjustability: 258°

Luminaire Part Number (Example: MB3G2L430W-24)

Luminaire	Wattage	CCT / CRI	Driver	Finish	Beam Spread	Adapter	
MB3G2	L1 (24 Watts)	27 (2700K / 82 CRI)	blank (Non-Dimming)	W (White)	-17 (17° Spot)	blank (Intense Single / Two Circuit 120V)	
		279 (2700K / 92 CRI)	-DIM² (Phase Dimming)	B (Black)	-30 (30° Narrow Flood)	-PS (Pro-Series 120V)	
	L2 (34 Watts) L3 (45 Watts)	30 (3000K / 82 CRI)			SV (Silver)	-55 (55° Wide Flood)	-PS-27² (Pro-Series 277V)
		309 (3000K / 92 CRI)					-J (J-Type Single / Two Circuit Adapter 120V)
		35 (3500K / 82 CRI)					-L (L-Type Single / Two Circuit Adapter 120V)
		359¹ (3500K / 92 CRI)					
		41 (4100K / 82 CRI)					
		419¹ (4100K / 92 CRI)					

Accessory Holder

- LH1** (Accessory Holder, Black)
- LH1W** (Accessory Holder, White)

Accessories

- PFL98-1** (Prismatic Spread Lens)
- PFL98-2** (Linear Spread Lens)
- PFL98-3** (Sand Blasted Lens)
- PFL98-4** (Soft Focus Lens)
- PFL98-L** (Black Louver)

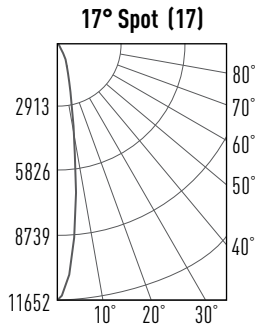
Notes:

- Consult factory for lead times
- Dimming available in 120V only

JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

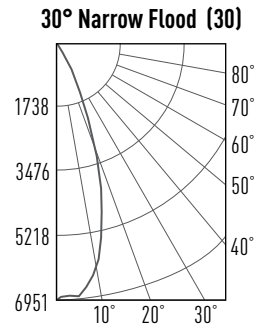
MB3G2L130

Report #: L111402101 (-17)
L101408201 (-30)
L101408202 (-55)



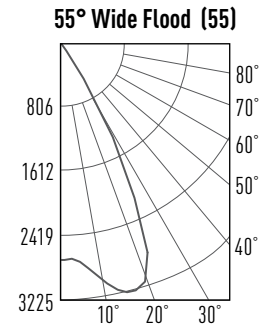
Watts: 26.5
Lumens: 2046
LPW: 77
CCT: 3000K

Intensity	
Degree	Candela
0°	11652
5°	8852
15°	2296
25°	887
35°	220
45°	69



Watts: 24.25
Lumens: 2512
LPW: 104
CCT: 3000K

Intensity	
Degree	Candela
0°	6890
5°	6923
15°	3556
25°	1293
35°	290
45°	67



Watts: 22.5
Lumens: 2413
LPW: 107
CCT: 3000K

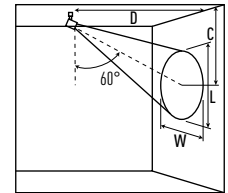
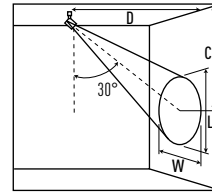
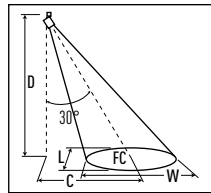
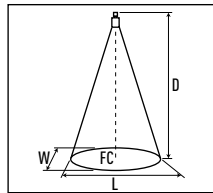
Intensity	
Degree	Candela
0°	2656
5°	2706
15°	3200
25°	2244
35°	277
45°	5

APPLICATION DATA:

Illuminated width & length are based upon point at which illuminance falls to 50% of center illuminance. Recommended spacing is based upon uniform illuminance aiming angle is the angle between the lamp axis and the perpendicular to the illuminated plane.

W and **L** are the outer points where the candle power drops to 50% of maximum. **FC** are the initial footcandles at the center of the beam.

- W** Beam width
- L** Beam length
- C** Distance to center of beam
- D** Distance
- FC** Footcandles

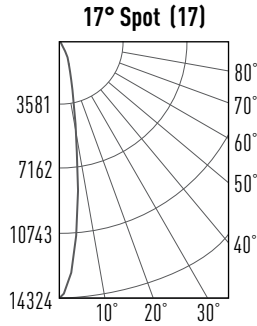


	0° HORIZONTAL				30° HORIZONTAL				30° VERTICAL				60° VERTICAL						
	D	FC	W	L	D	C	FC	W	L	D	C	FC	W	L	D	C	FC	W	L
MB3G2L130-17 3000K 17° Spot	5.0'	466	1.45	1.45	5.0'	2.75	306	1.87	1' 9"	3'	4.5	189	1.59	3.03	3'	1.75	831	0.98	1.15
	7.5'	207	2.17	2.17	7.5'	4.25	135	2.81	2' 6"	4'	6	106	2.11	4.04	4'	2.25	477	1.31	1.49
	10'	117	2.9	2.9	10'	5.5	76.5	3.71	3' 2"	5'	7.5	67.9	2.32	4.38	5'	2.75	306	1.63	1.87
	12.5'	74.6	3.62	3.62	12.5'	7	48.9	4.64	3' 9"	6'	9	47.1	3.17	6.08	6'	3.25	212	1.94	2.24
MB3G2L130-30 3000K 30° Narrow Flood	5.0'	276	2.71	2.71	5.0'	2.25	207	3.09	2.72	3'	3.75	169	2.26	3.33	3'	1.25	576	1.64	1.86
	7.5'	122	4.06	4.06	7.5'	3.25	92.7	4.59	4.06	4'	5	94.9	3.02	4.44	4'	1.75	325	2.18	2.47
	10'	68.9	5.42	5.42	10'	4.25	52.2	6.12	5.41	5'	6.25	60.7	3.77	5.57	5'	2.25	207	2.73	3.09
	12.5'	44.1	6.77	6.77	12.5'	5.5	33.3	7.67	6.77	6'	7.5	42.2	4.53	6.68	6'	2.5	144	3.26	3.7
MB3G2L130-55 3000K 55° Wide Flood	5.0'	106	4.37	4.37	5.0'	1	119	3.74	4.74	3'	2.5	155	3.13	2.12	3'	0.5	325	2.84	2.32
	7.5'	47.2	6.55	6.55	7.5'	1.5	52.8	5.63	7.13	4'	3.25	87.7	4.12	2.81	4'	0.75	186	3.76	2.96
	10'	26.6	8.74	8.74	10'	1.75	29.8	7.48	9.49	5'	4	56.1	5.18	3.52	5'	1	119	4.72	3.67
	12.5'	17	10.9	10.9	12.5'	2.25	19	9.21	11.9	6'	4.75	39	6.22	4.21	6'	1.25	82.5	5.69	4.4

JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

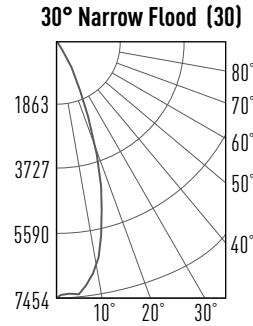
MB3G2L230

Report #: L111402101 (-17)
L101408201 (-30)
L101408202 (-55)



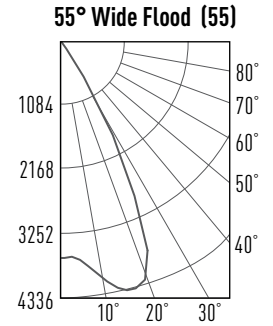
Watts: 34
Lumens: 2515
LPW: 74
CCT: 3000K

Intensity	
Degree	Candela
0°	14325
5°	10881
15°	2822
25°	1091
35°	270
45°	82



Watts: 34.25
Lumens: 2694
LPW: 79
CCT: 3000K

Intensity	
Degree	Candela
0°	7388
5°	7423
15°	3813
25°	1386
35°	311
45°	72



Watts: 32.1
Lumens: 3227
LPW: 101
CCT: 3000K

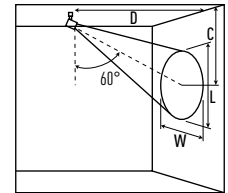
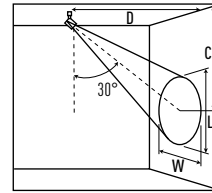
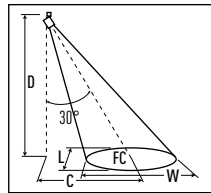
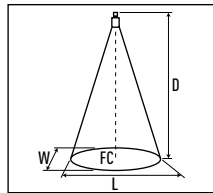
Intensity	
Degree	Candela
0°	3552
5°	3599
15°	4249
25°	2983
35°	383
45°	6

APPLICATION DATA:

Illuminated width & length are based upon point at which illuminance falls to 50% of center illuminance. Recommended spacing is based upon uniform illuminance aiming angle is the angle between the lamp axis and the perpendicular to the illuminated plane.

W and **L** are the outer points where the candle power drops to 50% of maximum. **FC** are the initial foot candles at the center of the beam.

W Beam width
L Beam length
C Distance to center of beam
D Distance
FC Footcandles

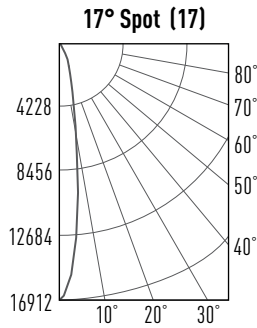


	0° HORIZONTAL				30° HORIZONTAL				30° VERTICAL				60° VERTICAL						
	D	FC	W	L	D	C	FC	W	L	D	C	FC	W	L	D	C	FC	W	L
MB3G2L230-17 3000K 17° Spot	5.0'	573	1.45	1.45	5.0'	2.75	376	1.87	1.63	3'	4.5	232	1.58	3.03	3'	1.75	1021	0.98	1.15
	7.5'	255	2.17	2.17	7.5'	4.25	166	2.81	2.44	4'	6	130	2.12	4.05	4'	2.25	587	1.31	1.49
	10'	143	2.9	2.9	10'	5.5	94	3.71	3.23	5'	7.5	83.4	2.64	5.06	5'	2.75	376	1.63	1.87
	12.5'	91.7	3.62	3.62	12.5'	7	60.1	4.64	4.05	6'	9	57.9	3.17	6.08	6'	3.25	260	1.95	2.24
MB3G2L230-30 3000K 30° Narrow Flood	5.0'	295	2.71	2.71	5.0'	2.25	222	3.09	2.72	3'	3.75	181	2.26	3.34	3'	1.25	618	1.64	1.85
	7.5'	131	4.06	4.06	7.5'	3.25	99.4	4.6	4.06	4'	5	102	3.01	4.44	4'	1.75	349	2.17	2.47
	10'	73.9	5.42	5.42	10'	4.25	56	6.11	5.41	5'	6.25	65.1	3.77	5.56	5'	2.25	222	2.72	3.09
	12.5'	47.3	6.77	6.77	12.5'	5.5	35.7	7.68	6.77	6'	7.5	45.2	4.52	6.68	6'	2.5	154	3.27	3.71
MB3G2L230-55 3000K 55° Wide Flood	5.0'	142	5.28	5.28	5.0'	1	160	3.74	4.72	3'	2.5	207	3.09	2.13	3'	0.5	432	2.85	2.35
	7.5'	63.2	7.93	7.93	7.5'	1.5	71.1	5.67	7.08	4'	3.25	117	4.1	2.83	4'	0.75	247	3.77	3.02
	10'	35.5	10.6	10.6	10'	1.75	40.1	7.46	9.45	5'	4	74.6	5.18	3.55	5'	1	158	4.72	3.71
	12.5'	22.7	13.2	13.2	12.5'	2.25	25.7	9.31	11.8	6'	4.75	51.9	6.2	4.24	6'	1.25	110	5.68	4.41

JOB NAME		CATALOG NUMBER	
NOTES		TYPE	

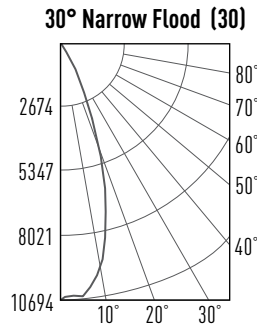
MB3G2L330

Report #: L111402101 (-17)
L101408201 (-30)
L101408202 (-55)



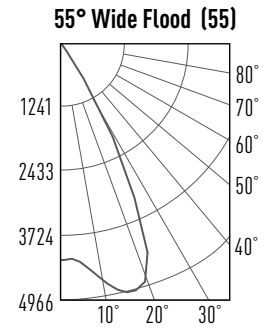
Watts: 45
Lumens: 2969
LPW: 67
CCT: 3000K

Intensity	
Degree	Candela
0°	16912
5°	12847
15°	3332
25°	1288
35°	319
45°	101



Watts: 40.25
Lumens: 3864
LPW: 96
CCT: 3000K

Intensity	
Degree	Candela
0°	10600
5°	10650
15°	5470
25°	1989
35°	447
45°	104



Watts: 39.4
Lumens: 3690
LPW: 94
CCT: 3000K

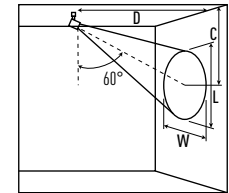
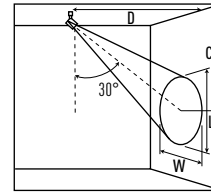
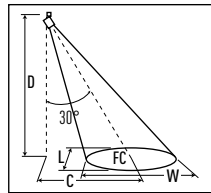
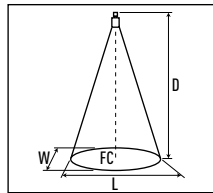
Intensity	
Degree	Candela
0°	4039.18
5°	4217.3
15°	4932.61
25°	3143.31
35°	299.95
45°	0

APPLICATION DATA:

Illuminated width & length are based upon point at which illuminance falls to 50% of center illuminance. Recommended spacing is based upon uniform illuminance aiming angle is the angle between the lamp axis and the perpendicular to the illuminated plane.

W and **L** are the outer points where the candle power drops to 50% of maximum. **FC** are the initial footcandles at the center of the beam.

W Beam width
L Beam length
C Distance to center of beam
D Distance
FC Footcandles



	0° HORIZONTAL				30° HORIZONTAL				30° VERTICAL				60° VERTICAL						
	D	FC	W	L	D	C	FC	W	L	D	C	FC	W	L	D	C	FC	W	L
MB3G2L330-17 3000K 17° Spot	5.0'	676	1.5	1.5	5.0'	2.75	444	1.87	1.63	3'	4.5	274	1.59	3.03	3'	1.75	1206	0.98	1.15
	7.5'	301	2.17	2.17	7.5'	4.25	197	2.79	2.43	4'	6	154	2.12	4.04	4'	2.25	693	1.31	1.49
	10'	169	2.9	2.9	10'	5.5	111	3.72	3.23	5'	7.5	98.5	2.64	5.06	5'	2.75	444	1.63	1.87
	12.5'	108	3.62	3.62	12.5'	7	71	4.64	4.05	6'	9	68.4	3.16	6.07	6'	3.25	307	1.95	2.24
MB3G2L330-30 3000K 30° Narrow Flood	5.0'	424	2.58	2.58	5.0'	2.25	319	3.09	2.72	3'	3.75	260	2.26	3.33	3'	1.25	886	1.64	1.86
	7.5'	188	3.86	3.86	7.5'	3.25	143	4.59	4.05	4'	5	146	3.01	4.44	4'	1.75	501	2.17	2.47
	10'	106	5.14	5.14	10'	4.25	80.4	6.11	5.41	5'	6.25	93.5	3.77	5.56	5'	2.25	319	2.72	3.09
	12.5'	67.8	6.42	6.42	12.5'	5.5	51.2	7.67	6.77	6'	7.5	64.9	4.52	6.68	6'	2.5	222	3.26	3.69
MB3G2L330-55 3000K 55° Wide Flood	5.0'	162	5.27	5.27	5.0'	1	182	3.75	4.73	3'	2.5	233	3.18	2.1	3'	0.75	498	2.84	2.24
	7.5'	71.8	7.91	7.91	7.5'	1.5	80.9	5.63	7.12	4'	3.25	131	4.23	2.81	4'	0.75	281	3.79	3
	10'	40.4	10.5	10.5	10'	1.75	45.7	7.47	9.45	5'	4	83.9	5.34	3.51	5'	1	180	4.75	3.68
	12.5'	25.9	13.2	13.2	12.5'	2.25	29.2	9.36	11.8	6'	5	58.4	6.37	4.19	6'	1.25	126	5.7	4.37