

**PHOTOMETRY**

**MM2JB (6" L, 1000lm, 11W, 15°)**

**MM2JB-B15-T30**

**6", 1000lm, 15°, 3000K, CRI: 90**

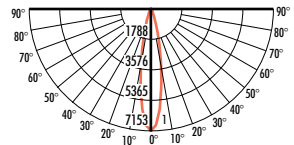
System Power (Watts)	9.8W
Test Date	5/14/2019
Beam Angle (50%)	19.6°
Field Angle (10%)	39.7°
Color Temperature	3161K
CRI:	94.5
R9 Value	63.3
Lumens Delivered (lm)	1160.8
CBCP	7153
Volts:	24V DC

**MULTIPLIERS**

**CCT**

4000K :	1.07
3500K :	1.00
<b>3000K :</b>	<b>1.00</b>
2700K :	1.00

**CANDELA TABULATION**



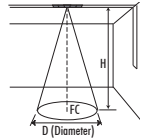
**LUMINANCE DATA (cd/sq.m)**

Angle in Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	1543	1720	3219
55	316	357	759
65	156	179	439
75	162	188	552
85	204	241	908

**FOOTCANDLE DISTRIBUTION**

**Recessed Track (MTRFG, MTRTS)**

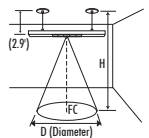
Ceiling HT FT (H)	Beam Dia. (D)	Foot Candle (FC)
10.0'	3.5'	71.5
12.0'	4.1'	49.7
14.0'	4.8'	36.5
16.0'	5.5'	27.9
18.0'	6.2'	22.1



**Pendant Track (MTPDN) with 32" cable**

Ceiling HT FT (H)	Beam Dia. (D)	Foot Candle (FC)
10.0'	2.5'	140.8
12.0'	3.2'	85.9
14.0'	3.8'	57.8
16.0'	4.5'	41.5
18.0'	5.2'	31.3

(fixture 2.9 ft below housing)



**MM2JB (6" L, 1000lm, 11W, 40°)**

**MM2JB-B40-T30**

**6", 1000lm, 40°, 3000K, CRI: 90**

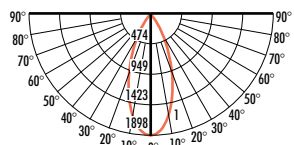
System Power (Watts)	9.8W
Test Date	5/15/2019
Beam Angle (50%)	41.1°
Field Angle (10%)	73.5°
Color Temperature	3111K
CRI:	94.4
R9 Value	62.5
Lumens Delivered (lm)	1042.4
CBCP	1898
Volts:	24V DC

**MULTIPLIERS**

**CCT**

4000K :	1.07
3500K :	1.00
<b>3000K :</b>	<b>1.00</b>
2700K :	1.00

**CANDELA TABULATION**



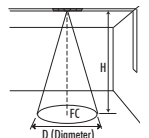
**LUMINANCE DATA (cd/sq.m)**

Angle in Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	5082	5666	10603
55	566	640	1360
65	166	190	467
75	174	203	595
85	194	229	865

**FOOTCANDLE DISTRIBUTION**

**Recessed Track (MTRFG, MTRTS)**

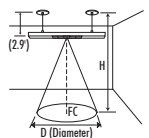
Ceiling HT FT (H)	Beam Dia. (D)	Foot Candle (FC)
10.0'	7.5'	19.0
12.0'	9.0'	13.2
14.0'	10.5'	9.7
16.0'	12.0'	7.4
18.0'	13.5'	5.9



**Pendant Track (MTPDN) with 32" cable**

Ceiling HT FT (H)	Beam Dia. (D)	Foot Candle (FC)
10.0'	5.3'	37.4
12.0'	6.8'	22.8
14.0'	8.3'	15.3
16.0'	9.8'	11.0
18.0'	11.3'	8.3

(fixture 2.9 ft below housing)



**MM2JB (6" L, 1000lm, 11W, 60°)**

**MM2JB-B60-T30**

**6", 1000lm, 60°, 3000K, CRI: 90**

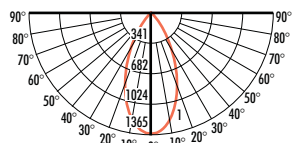
System Power (Watts)	9.8W
Test Date	5/14/2019
Beam Angle (50%)	48.3°
Field Angle (10%)	80.8°
Color Temperature	3123K
CRI:	94.5
R9 Value	62.9
Lumens Delivered (lm)	943.4
CBCP	1365
Volts:	24V DC

**MULTIPLIERS**

**CCT**

4000K :	1.07
3500K :	1.00
<b>3000K :</b>	<b>1.00</b>
2700K :	1.00

**CANDELA TABULATION**



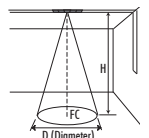
**LUMINANCE DATA (cd/sq.m)**

Angle in Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	6434	7174	13425
55	574	649	1379
65	133	152	373
75	151	176	517
85	129	153	576

**FOOTCANDLE DISTRIBUTION**

**Recessed Track (MTRFG, MTRTS)**

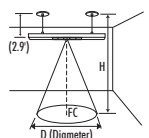
Ceiling HT FT (H)	Beam Dia. (D)	Foot Candle (FC)
10.0'	9.0'	13.7
12.0'	10.8'	9.5
14.0'	12.6'	7.0
16.0'	14.3'	5.3
18.0'	16.1'	4.2



**Pendant Track (MTPDN) with 32" cable**

Ceiling HT FT (H)	Beam Dia. (D)	Foot Candle (FC)
10.0'	6.4'	26.9
12.0'	8.2'	16.4
14.0'	10.0'	11.0
16.0'	11.8'	7.9
18.0'	13.6'	6.0

(fixture 2.9 ft below housing)



**MM2JB (6" L, 1000lm, 11W, Asymmetric)**

**MM2JB-B3090-T30**

**6", 1000lm, Asymmetric, 3000K, CRI: 90**

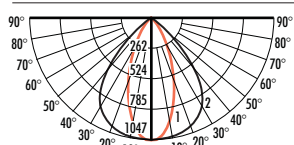
System Power (Watts)	9.8W
Test Date	5/14/2019
Vert. Beam Angle (50%) (W)	42.6°
Horiz'l Beam Angle (50%) (L)	82.6°
Vert. Field Angle (50%) (W)	78.4°
Horiz'l Field Angle (50%) (L)	105.8°
Color Temperature	3120K
CRI:	94.4
R9 Value	62.7
Lumens Delivered (lm)	1128.6
CBCP	1047
Volts:	24V DC

**MULTIPLIERS**

**CCT**

4000K :	1.07
3500K :	1.00
<b>3000K :</b>	<b>1.00</b>
2700K :	1.00

**CANDELA TABULATION**



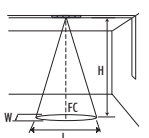
**LUMINANCE DATA (cd/sq.m)**

Angle in Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	5079	26301	87833
55	653	3091	11565
65	166	271	862
75	162	179	494
85	178	192	653

**FOOTCANDLE DISTRIBUTION**

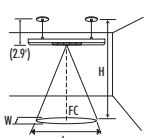
**Recessed Track (MTRFG, MTRTS)**

Ceiling HT FT (H)	Vert. Beam Angle (50%) (W)	Hor. Beam Angle (50%) (L)	Foot Candle (FC)
10.0'	7.8'	17.6'	10.5
12.0'	9.4'	21.1'	7.3
14.0'	10.9'	24.6'	5.3
16.0'	12.5'	28.1'	4.1
18.0'	14.0'	31.6'	3.2



**Pendant Track (MTPDN) with 32" cable**

Ceiling HT FT (H)	Vert. Beam Angle (50%) (W)	Hor. Beam Angle (50%) (L)	Foot Candle (FC)
10.0'	5.6'	12.5'	20.6
12.0'	7.1'	16.0'	12.6
14.0'	8.7'	19.5'	8.5
16.0'	10.2'	23.1'	6.1
18.0'	11.8'	26.6'	4.6



2019.06.11