MM3-ADJUSTABLE SPOT
ILLUMINATED MODULE (650LM)

PHOTOMETRY

MM307 (650lm, 9W, 10°)

D = Distance from fixture (at ceiling/wall) to ground/wall at FC (center of beam)
H = Distance from ceiling to FC (center of beam)
FC = Footcandle at center of beam
W = Beam width
L = Beam length

MM307B-B10-T30

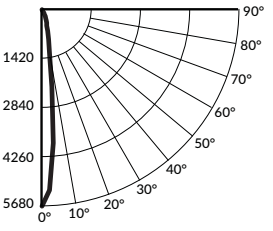
650lm, 9W, 10°, 3000K, CRI: 90

System Power (Watts)	: 8.6W
Test Date	: 5/2/2019
Horiz'l Beam Angle (50%)	: 13.2°
Horiz'l Field Angle (10%)	: 32.0°
Color Temperature (CCT)	: 3062K
CRI:	: 94.7
R9 Value	: 70.6
Lumens Delivered (lm)	: 643.5
CBCP (CD)	: 5680
Volts:	: 24V DC

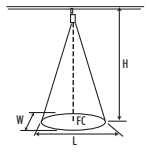
MULTIPLIERS

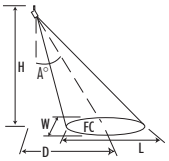
CCT
4000K : 1.24
3500K : 1.10
3000K : 1.00
2700K : 1.02

CANDELA TABULATION



Ceiling (Ground)

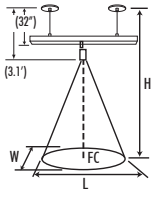


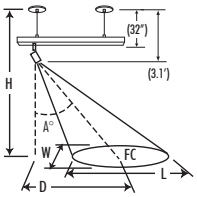


Recessed Track (MTRFG and MTRTS)

Horizontal Angle

No Tilt				Angle A° = 15°					Angle A° = 30°					Angle A° = 45°					Angle A° = 60°				
H	FC	W	L	H	D	FC	W	L	H	D	FC	W	L	H	D	FC	W	L	H	D	FC	W	L
8.0'	96.3	1.8'	1.8'	8.0'	2.1'	86.4	1.8'	1.9'	8.0'	4.5'	62.0	2.1'	2.4'	8.0'	7.7'	33.6	2.5'	3.6'	8.0'	13.5'	11.6	3.6'	7.5'
10.0'	60.6	2.2'	2.2'	10.0'	2.6'	54.5	2.3'	2.4'	10.0'	5.6'	39.1	2.6'	3.0'	10.0'	9.7'	21.2	3.2'	4.6'	10.0'	17.0'	7.4	4.5'	9.5'
12.0'	41.6	2.7'	2.7'	12.0'	3.1'	37.4	2.8'	2.9'	12.0'	6.8'	26.9	3.1'	3.6'	12.0'	11.7'	14.6	3.8'	5.5'	12.0'	20.5'	5.1	5.5'	11.4'
14.0'	30.4	3.2'	3.2'	14.0'	3.7'	27.3	3.3'	3.4'	14.0'	7.9'	19.6	3.7'	4.2'	14.0'	13.7'	10.6	4.5'	6.4'	14.0'	23.9'	3.7	6.4'	13.3'
16.0'	23.1	3.6'	3.6'	16.0'	4.2'	20.8	3.8'	3.9'	16.0'	9.1'	14.9	4.2'	4.9'	16.0'	15.7'	8.1	5.1'	7.4'	16.0'	27.4'	2.8	7.3'	15.3'



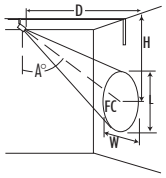


Pendant Track (MTPDN): 32" below ceiling

No Tilt				Angle A° = 15°					Angle A° = 30°					Angle A° = 45°					Angle A° = 60°				
H	FC	W	L	H	D	FC	W	L	H	D	FC	W	L	H	D	FC	W	L	H	D	FC	W	L
10.0'	122.6	1.6'	1.6'	8.0'	1.3'	220.1	1.2'	1.2'	8.0'	2.8'	157.6	1.3'	1.5'	8.0'	4.9'	85.1	1.6'	2.3'	8.0'	8.6'	29.1	2.3'	4.8'
12.0'	73.2	2.0'	2.0'	10.0'	1.8'	110.0	1.6'	1.7'	10.0'	3.9'	78.9	1.8'	2.1'	10.0'	6.9'	42.7	2.2'	3.2'	10.0'	12.0'	14.7	3.2'	6.7'
14.0'	48.6	2.5'	2.5'	12.0'	2.4'	65.8	2.1'	2.2'	12.0'	5.1'	47.2	2.4'	2.7'	12.0'	8.9'	25.6	2.9'	4.2'	12.0'	15.5'	8.9	4.1'	8.6'
16.0'	34.6	3.0'	3.0'	14.0'	2.9'	43.7	2.6'	2.7'	14.0'	6.3'	31.4	2.9'	3.4'	14.0'	10.9'	17.0	3.6'	5.1'	14.0'	19.0'	5.9	5.1'	10.6'
18.0'	25.9	3.4'	3.4'	16.0'	3.4'	31.1	3.1'	3.2'	16.0'	7.4'	22.4	3.4'	4.0'	16.0'	12.9'	12.1	4.2'	6.0'	16.0'	22.4'	4.2	6.0'	12.5'

(Fixture 3.1ft below ceiling)

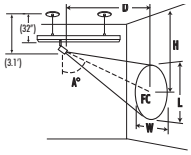
Ceiling (Wall)



Recessed Track (MTRFG and MTRTS)

Vertical Angle (Fixture calculated at aiming point (90°) to horizontal surface)

Angle A° = 15°					Angle A° = 30°					Angle A° = 45°					Angle A° = 60°					Angle A° = 80°				
D	H	FC	W	L	D	H	FC	W	L	D	H	FC	W	L	D	H	FC	W	L	D	H	FC	W	L
1.0'	4.0'	98.5	0.9'	4.2'	2.0'	3.8'	177.5	0.9'	1.9'	3.0'	3.3'	223.1	1.0'	1.4'	6.0'	3.6'	102.5	1.6'	1.9'	8.0'	1.5'	84.8	1.9'	1.9'
1.5'	5.9'	43.8	1.3'	6.4'	3.0'	5.5'	78.9	1.4'	2.9'	4.0'	4.3'	125.5	1.3'	1.9'	7.0'	4.2'	75.3	1.9'	2.2'	9.0'	1.7'	67.0	2.1'	2.1'
2.0'	7.8'	24.6	1.8'	8.5'	4.0'	7.2'	44.4	1.9'	3.9'	5.0'	5.3'	80.3	1.6'	2.3'	8.0'	4.8'	57.6	2.1'	2.5'	10.0'	1.8'	54.3	2.3'	2.4'
2.5'	9.6'	15.8	2.2'	10.6'	5.0'	8.9'	28.4	2.3'	4.8'	6.0'	6.3'	55.8	2.0'	2.8'	9.0'	5.4'	45.5	2.4'	2.8'	11.0'	2.0'	44.8	2.6'	2.6'
3.0'	11.5'	10.9	2.7'	12.7'	6.0'	10.7'	19.7	2.8'	5.8'	7.0'	7.3'	41.0	2.3'	3.3'	10.0'	6.0'	36.9	2.7'	3.1'	12.0'	2.2'	37.7	2.8'	2.9'



Pendant Track (MTPDN): 32" below ceiling

Angle A° = 15°					Angle A° = 30°					Angle A° = 45°					Angle A° = 60°					Angle A° = 80°				
D	H	FC	W	L	D	H	FC	W	L	D	H	FC	W	L	D	H	FC	W	L	D	H	FC	W	L
1.0'	6.9'	98.5	0.9'	4.2'	2.0'	6.6'	177.5	0.9'	1.9'	3.0'	6.1'	223.1	1.0'	1.4'	6.0'	6.5'	102.5	1.6'	1.9'	8.0'	4.4'	84.8	1.9'	1.9'
1.5'	8.8'	43.8	1.3'	6.4'	3.0'	8.4'	78.9	1.4'	2.9'	4.0'	7.1'	125.5	1.3'	1.9'	7.0'	7.1'	75.3	1.9'	2.2'	9.0'	4.5'	67.0	2.1'	2.1'
2.0'	10.6'	24.6	1.8'	8.5'	4.0'	10.1'	44.4	1.9'	3.9'	5.0'	8.1'	80.3	1.6'	2.3'	8.0'	7.7'	57.6	2.1'	2.5'	10.0'	4.7'	54.3	2.3'	2.4'
2.5'	12.5'	15.8	2.2'	10.6'	5.0'	11.8'	28.4	2.3'	4.8'	6.0'	9.1'	55.8	2.0'	2.8'	9.0'	8.3'	45.5	2.4'	2.8'	11.0'	4.9'	44.8	2.6'	2.6'
3.0'	14.4'	10.9	2.7'	12.7'	6.0'	13.6'	19.7	2.8'	5.8'	7.0'	10.1'	41.0	2.3'	3.3'	10.0'	8.8'	36.9	2.7'	3.1'	12.0'	5.1'	37.7	2.8'	2.9'

(Fixture 3.1ft below ceiling)

2020.10.13

MM3-ADJUSTABLE SPOT
ILLUMINATED MODULE (650LM)

PHOTOMETRY

MM307 (650lm, 9W, 20°)

D = Distance from fixture (at ceiling/wall) to ground/wall at FC (center of beam)
H = Distance from ceiling to FC (center of beam)
FC = Footcandle at center of beam
W = Beam width
L = Beam length

MM307B-B20-T30

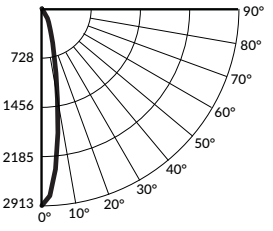
650lm, 9W, 20°, 3000K, CRI: 90

System Power (Watts)	: 8.5W
Test Date	: 5/14/2019
Horiz'l Beam Angle (50%)	: 19.1°
Horiz'l Field Angle (10%)	: 48.7°
Color Temperature (CCT)	: 3069K
CRI:	: 94.7
R9 Value	: 70.5
Lumens Delivered (lm)	: 596.3
CBCP (CD)	: 2913
Volts:	: 24V DC

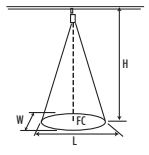
MULTIPLIERS

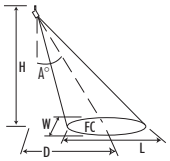
CCT
4000K : 1.24
3500K : 1.10
3000K : 1.00
2700K : 1.02

CANDELA TABULATION



Ceiling (Ground)

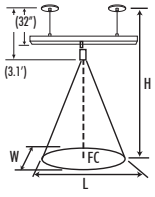


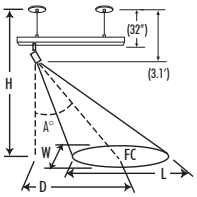


Recessed Track (MTRFG and MTRTS)

Horizontal Angle

No Tilt				Angle A° = 15°					Angle A° = 30°					Angle A° = 45°					Angle A° = 60°				
H	FC	W	L	H	D	FC	W	L	H	D	FC	W	L	H	D	FC	W	L	H	D	FC	W	L
6.0'	90.3	1.9'	1.9'	6.0'	1.5'	80.9	2.0'	2.1'	6.0'	3.3'	58.0	2.2'	2.6'	6.0'	5.7'	31.3	2.7'	4.0'	6.0'	10.1'	10.8	3.9'	8.6'
8.0'	49.4	2.6'	2.6'	8.0'	2.1'	44.3	2.7'	2.8'	8.0'	4.5'	31.8	3.0'	3.5'	8.0'	7.7'	17.2	3.7'	5.4'	8.0'	13.5'	6.0	5.3'	11.5'
10.0'	31.1	3.3'	3.3'	10.0'	2.6'	27.9	3.4'	3.5'	10.0'	5.6'	20.1	3.8'	4.4'	10.0'	9.7'	10.9	4.6'	6.7'	10.0'	17.0'	3.8	6.6'	14.4'
12.0'	21.4	3.9'	3.9'	12.0'	3.1'	19.2	4.1'	4.2'	12.0'	6.8'	13.8	4.6'	5.3'	12.0'	11.7'	7.5	5.6'	8.1'	12.0'	20.5'	2.6	8.0'	17.4'
14.0'	15.6	4.6'	4.6'	14.0'	3.7'	14.0	4.8'	4.9'	14.0'	7.9'	10.1	5.3'	6.2'	14.0'	13.7'	5.5	6.5'	9.5'	14.0'	23.9'	1.9	9.3'	20.3'



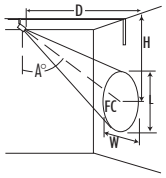


Pendant Track (MTPDN): 32" below ceiling

No Tilt				Angle A° = 15°					Angle A° = 30°					Angle A° = 45°					Angle A° = 60°				
H	FC	W	L	H	D	FC	W	L	H	D	FC	W	L	H	D	FC	W	L	H	D	FC	W	L
8.0'	126.1	1.6'	1.6'	8.0'	1.3'	112.9	1.7'	1.7'	8.0'	2.8'	80.8	1.9'	2.2'	8.0'	4.9'	43.6	2.3'	3.4'	8.0'	8.6'	14.9	3.3'	7.3'
10.0'	62.9	2.3'	2.3'	10.0'	1.8'	56.4	2.4'	2.5'	10.0'	3.9'	40.5	2.7'	3.1'	10.0'	6.9'	21.9	3.3'	4.8'	10.0'	12.0'	7.6	4.7'	10.2'
12.0'	37.6	3.0'	3.0'	12.0'	2.4'	33.7	3.1'	3.2'	12.0'	5.1'	24.2	3.4'	4.0'	12.0'	8.9'	13.1	4.2'	6.1'	12.0'	15.5'	4.6	6.0'	13.2'
14.0'	24.9	3.6'	3.6'	14.0'	2.9'	22.4	3.8'	3.9'	14.0'	6.3'	16.1	4.2'	4.9'	14.0'	10.9'	8.7	5.2'	7.5'	14.0'	19.0'	3.0	7.4'	16.1'
16.0'	17.8	4.3'	4.3'	16.0'	3.4'	16.0	4.5'	4.6'	16.0'	7.4'	11.5	5.0'	5.8'	16.0'	12.9'	6.2	6.1'	8.9'	16.0'	22.4'	2.2	8.7'	19.0'

(Fixture 3.1ft below ceiling)

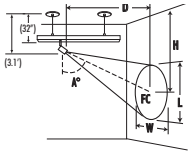
Ceiling (Wall)



Recessed Track (MTRFG and MTRTS)

Vertical Angle (Fixture calculated at aiming point (90°) to horizontal surface)

Angle A° = 15°					Angle A° = 30°					Angle A° = 45°					Angle A° = 60°					Angle A° = 80°				
D	H	FC	W	L	D	H	FC	W	L	D	H	FC	W	L	D	H	FC	W	L	D	H	FC	W	L
1.0'	4.0'	50.5	1.3'	8.3'	2.0'	3.8'	91.0	1.3'	2.9'	2.0'	2.3'	257.5	1.0'	1.4'	3.0'	1.9'	210.2	1.2'	1.4'	5.0'	1.0'	111.3	1.7'	1.7'
1.5'	5.9'	22.4	2.0'	12.4'	3.0'	5.5'	40.5	2.0'	4.4'	3.0'	3.3'	114.4	1.4'	2.1'	4.0'	2.5'	118.3	1.6'	1.8'	6.0'	1.1'	77.3	2.1'	2.1'
2.0'	7.8'	12.6	2.6'	16.6'	4.0'	7.2'	22.8	2.7'	5.9'	4.0'	4.3'	64.4	1.9'	2.8'	5.0'	3.1'	75.7	1.9'	2.3'	7.0'	1.3'	56.8	2.4'	2.4'
2.5'	9.6'	8.1	3.3'	20.7'	5.0'	8.9'	14.6	3.4'	7.4'	5.0'	5.3'	41.2	2.4'	3.5'	6.0'	3.6'	52.6	2.3'	2.7'	8.0'	1.5'	43.5	2.7'	2.8'
3.0'	11.5'	5.6	3.9'	24.9'	6.0'	10.7'	10.1	4.0'	8.8'	6.0'	6.3'	28.6	2.9'	4.2'	7.0'	4.2'	38.6	2.7'	3.2'	9.0'	1.7'	34.3	3.1'	3.1'



Pendant Track (MTPDN): 32" below ceiling

Angle A° = 15°					Angle A° = 30°					Angle A° = 45°					Angle A° = 60°					Angle A° = 80°				
D	H	FC	W	L	D	H	FC	W	L	D	H	FC	W	L	D	H	FC	W	L	D	H	FC	W	L
1.0'	6.9'	50.5	1.3'	8.3'	2.0'	6.6'	91.0	1.3'	2.9'	2.0'	5.1'	257.5	1.0'	1.4'	3.0'	4.8'	210.2	1.2'	1.4'	5.0'	3.8'	111.3	1.7'	1.7'
1.5'	8.8'	22.4	2.0'	12.4'	3.0'	8.4'	40.5	2.0'	4.4'	3.0'	6.1'	114.4	1.4'	2.1'	4.0'	5.4'	118.3	1.6'	1.8'	6.0'	4.0'	77.3	2.1'	2.1'
2.0'	10.6'	12.6	2.6'	16.6'	4.0'	10.1'	22.8	2.7'	5.9'	4.0'	7.1'	64.4	1.9'	2.8'	5.0'	5.9'	75.7	1.9'	2.3'	7.0'	4.2'	56.8	2.4'	2.4'
2.5'	12.5'	8.1	3.3'	20.7'	5.0'	11.8'	14.6	3.4'	7.4'	5.0'	8.1'	41.2	2.4'	3.5'	6.0'	6.5'	52.6	2.3'	2.7'	8.0'	4.4'	43.5	2.7'	2.8'
3.0'	14.4'	5.6	3.9'	24.9'	6.0'	13.6'	10.1	4.0'	8.8'	6.0'	9.1'	28.6	2.9'	4.2'	7.0'	7.1'	38.6	2.7'	3.2'	9.0'	4.5'	34.3	3.1'	3.1'

(Fixture 3.1ft below ceiling)

MM3-ADJUSTABLE SPOT
ILLUMINATED MODULE (650LM)

PHOTOMETRY

MM307 (650lm, 9W, 40°)

D = Distance from fixture (at ceiling/wall) to ground/wall at FC (center of beam)
H = Distance from ceiling to FC (center of beam)
FC = Footcandle at center of beam
W = Beam width
L = Beam length

MM307B-B40-T30

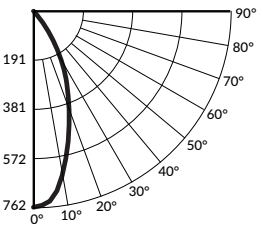
650lm, 9W, 40°, 3000K, CRI: 90

System Power (Watts)	: 8.4W
Test Date	: 5/3/2019
Horiz'l Beam Angle (50%)	: 42.6°
Horiz'l Field Angle (10%)	: 76.9°
Color Temperature (CCT)	: 3069K
CRI:	: 94.8
R9 Value	: 71
Lumens Delivered (lm)	: 464.5
CBCP (CD)	: 762
Volts:	: 24V DC

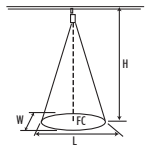
MULTIPLIERS

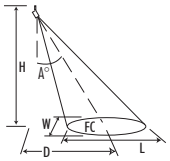
CCT
4000K : 1.24
3500K : 1.10
3000K : 1.00
2700K : 1.02

CANDELA TABULATION



Ceiling (Ground)

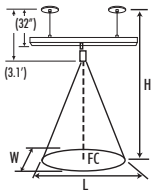


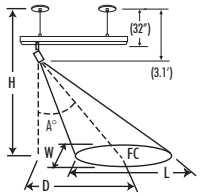


Recessed Track (MTRFG and MTRTS)

Horizontal Angle

No Tilt				Angle A° = 15°					Angle A° = 30°					Angle A° = 45°					Angle A° = 60°				
H	FC	W	L	H	D	FC	W	L	H	D	FC	W	L	H	D	FC	W	L	H	D	FC	W	L
4.0'	56.3	2.9'	2.9'	4.0'	1.0'	50.3	3.0'	3.1'	4.0'	2.1'	35.9	3.3'	4.1'	4.0'	3.7'	19.3	4.1'	6.9'	4.0'	6.6'	6.5	6.0'	21.9'
5.0'	34.8	3.6'	3.6'	5.0'	1.3'	31.1	3.8'	4.0'	5.0'	2.7'	22.3	4.2'	5.2'	5.0'	4.7'	12.0	5.2'	8.7'	5.0'	8.3'	4.1	7.5'	27.6'
6.0'	23.6	4.4'	4.4'	6.0'	1.5'	21.2	4.6'	4.8'	6.0'	3.3'	15.2	5.1'	6.3'	6.0'	5.7'	8.2	6.3'	10.5'	6.0'	10.1'	2.8	9.1'	33.3'
7.0'	17.1	5.2'	5.2'	7.0'	1.8'	15.3	5.4'	5.7'	7.0'	3.9'	11.0	6.0'	7.4'	7.0'	6.7'	5.9	7.4'	12.4'	7.0'	11.8'	2.1	10.6'	39.1'
8.0'	12.9	6.0'	6.0'	8.0'	2.1'	11.6	6.2'	6.5'	8.0'	4.5'	8.3	6.9'	8.4'	8.0'	7.7'	4.5	8.5'	14.2'	8.0'	13.5'	1.6	12.2'	44.8'



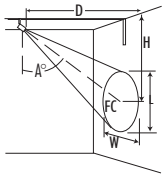


Pendant Track (MTPDN): 32" below ceiling

No Tilt				Angle A° = 15°					Angle A° = 30°					Angle A° = 45°					Angle A° = 60°				
H	FC	W	L	H	D	FC	W	L	H	D	FC	W	L	H	D	FC	W	L	H	D	FC	W	L
6.0'	96.7	2.2'	2.2'	6.0'	0.8'	86.2	2.3'	2.4'	6.0'	3.3'	15.2	5.1'	6.3'	6.0'	2.9'	33.0	3.2'	5.3'	6.0'	5.1'	11.0	4.6'	16.9'
7.0'	52.6	3.0'	3.0'	7.0'	1.0'	47.0	3.1'	3.2'	7.0'	3.9'	11.0	6.0'	7.4'	7.0'	3.9'	18.1	4.3'	7.1'	7.0'	6.8'	6.1	6.1'	22.6'
8.0'	33.0	3.7'	3.7'	8.0'	1.3'	29.5	3.9'	4.1'	8.0'	4.5'	8.3	6.9'	8.4'	8.0'	4.9'	11.4	5.4'	8.9'	8.0'	8.6'	3.9	7.7'	28.3'
9.0'	22.6	4.5'	4.5'	9.0'	1.6'	20.3	4.7'	4.9'	9.0'	5.0'	6.5	7.8'	9.5'	9.0'	5.9'	7.8	6.5'	10.8'	9.0'	10.3'	2.7	9.3'	34.1'
10.0'	16.4	5.3'	5.3'	10.0'	1.8'	14.8	5.5'	5.8'	10.0'	5.6'	5.2	8.7'	10.6'	10.0'	6.9'	5.7	7.6'	12.6'	10.0'	12.0'	2.0	10.8'	39.8'

(Fixture 3.1ft below ceiling)

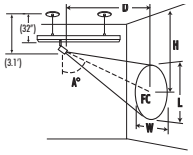
Ceiling (Wall)



Recessed Track (MTRFG and MTRTS)

Vertical Angle (Fixture calculated at aiming point (90°) to horizontal surface)

Angle A° = 15°					Angle A° = 30°					Angle A° = 45°					Angle A° = 60°					Angle A° = 80°				
D	H	FC	W	L	D	H	FC	W	L	D	H	FC	W	L	D	H	FC	W	L	D	H	FC	W	L
1.0'	4.0'	13.2	3.0'	-	1.0'	2.0'	95.3	1.6'	5.7'	2.0'	2.3'	67.4	2.2'	3.7'	2.0'	1.3'	123.7	1.8'	2.2'	2.0'	0.4'	181.9	1.6'	1.6'
1.5'	5.9'	5.9	4.5'	-	1.5'	2.9'	42.3	2.3'	8.6'	2.5'	2.8'	43.1	2.8'	4.6'	2.5'	1.6'	79.2	2.3'	2.7'	3.0'	0.6'	80.9	2.4'	2.4'
2.0'	7.8'	3.3	6.0'	-	2.0'	3.8'	23.8	3.1'	11.5'	3.0'	3.3'	29.9	3.3'	5.5'	3.0'	1.9'	55.0	2.7'	3.3'	4.0'	0.8'	45.5	3.2'	3.2'
2.5'	9.6'	2.1	7.5'	-	2.5'	4.6'	15.2	3.9'	14.3'	3.5'	3.8'	22.0	3.9'	6.4'	3.5'	2.2'	40.4	3.2'	3.8'	5.0'	1.0'	29.1	4.0'	4.0'
3.0'	11.5'	1.5	9.0'	-	3.0'	5.5'	10.6	4.7'	17.2'	4.0'	4.3'	16.8	4.4'	7.4'	4.0'	2.5'	30.9	3.6'	4.4'	6.0'	1.1'	20.2	4.8'	4.8'



Pendant Track (MTPDN): 32" below ceiling

Angle A° = 15°					Angle A° = 30°					Angle A° = 45°					Angle A° = 60°					Angle A° = 80°				
D	H	FC	W	L	D	H	FC	W	L	D	H	FC	W	L	D	H	FC	W	L	D	H	FC	W	L
1.0'	6.9'	13.2	3.0'	-	1.0'	4.9'	95.3	1.6'	5.7'	2.0'	5.1'	67.4	2.2'	3.7'	2.0'	4.2'	123.7	1.8'	2.2'	2.0'	3.4'	181.9	1.6'	1.6'
1.5'	8.8'	5.9	4.5'	-	1.5'	5.8'	42.3	2.3'	8.6'	2.5'	5.6'	43.1	2.8'	4.6'	2.5'	4.5'	79.2	2.3'	2.7'	3.0'	3.6'	80.9	2.4'	2.4'
2.0'	10.6'	3.3	6.0'	-	2.0'	6.6'	23.8	3.1'	11.5'	3.0'	6.1'	29.9	3.3'	5.5'	3.0'	4.8'	55.0	2.7'	3.3'	4.0'	3.8'	45.5	3.2'	3.2'
2.5'	12.5'	2.1	7.5'	-	2.5'	7.5'	15.2	3.9'	14.3'	3.5'	6.6'	22.0	3.9'	6.4'	3.5'	5.1'	40.4	3.2'	3.8'	5.0'	3.9'	29.1	4.0'	4.0'
3.0'	14.4'	1.5	9.0'	-	3.0'	8.4'	10.6	4.7'	17.2'	4.0'	7.1'	16.8	4.4'	7.4'	4.0'	5.4'	30.9	3.6'	4.4'	6.0'	4.1'	20.2	4.8'	4.8'

(Fixture 3.1ft below ceiling)

MM3-ADJUSTABLE SPOT
ILLUMINATED MODULE (650LM)

PHOTOMETRY

MM307 (650lm, 9W, 40° x 70°)

D = Distance from fixture (at ceiling/wall) to ground/wall at FC (center of beam)
H = Distance from ceiling to FC (center of beam)
FC = Footcandle at center of beam
W = Beam width
L = Beam length

MM307B-B4070-T30

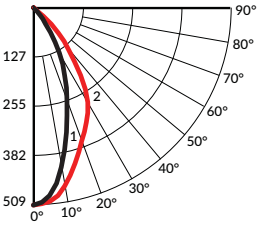
650lm, 9W, 40° x 70°, 3000K, CRI: 90

System Power (Watts)	: 8.4 W
Test Date	: 5/2/2019
Horiz'l Beam Angle (50%)(W)	: 64.1°
Vert. Beam Angle (50%)(L)	: 40.3°
Horiz'l Field Angle (10%)(W)	: 98.2°
Vert. Field Angle (10%)(L)	: 76.2°
Color Temperature (CCT)	: 3058K
CRI:	: 94.7
R9 Value	: 70.7
Lumens Delivered (lm)	: 386.1
CBCP (CD)	: 509
Volts:	: 24V DC

MULTIPLIERS

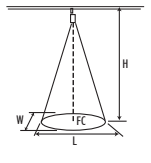
CCT
4000K : 1.24
3500K : 1.10
3000K : 1.00
2700K : 1.02

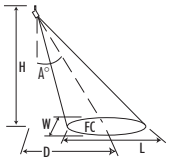
CANDELA TABULATION



Maximum Candela = 509.26 Located At Horizontal Angle = 0, Vertical Angle = 0
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Vertical Plane Through Horizontal Angles (90 - 270)

Ceiling (Ground)

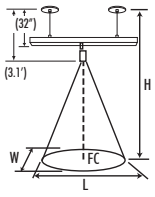


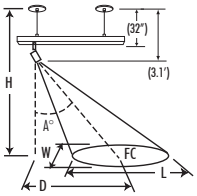


Recessed Track (MTRFG and MTRTS)

Horizontal Angle

No Tilt				Angle A° = 15°					Angle A° = 30°					Angle A° = 45°					Angle A° = 60°				
H	FC	W	L	H	D	FC	W	L	H	D	FC	W	L	H	D	FC	W	L	H	D	FC	W	L
4.0'	37.6	4.6'	2.7'	4.0'	1.0'	33.6	4.8'	2.9'	4.0'	2.1'	24.0	5.4'	3.8'	4.0'	3.7'	12.9	6.6'	6.3'	4.0'	6.6'	4.4	9.6'	18.8'
5.0'	23.2	5.9'	3.4'	5.0'	1.3'	20.8	6.1'	3.7'	5.0'	2.7'	14.9	6.8'	4.8'	5.0'	4.7'	8.0	8.4'	8.0'	5.0'	8.3'	2.7	12.1'	23.7'
6.0'	15.8	7.1'	4.2'	6.0'	1.5'	14.1	7.4'	4.5'	6.0'	3.3'	10.1	8.3'	5.9'	6.0'	5.7'	5.5	10.2'	9.7'	6.0'	10.1'	1.9	14.6'	28.6'
7.0'	11.4	8.4'	4.9'	7.0'	1.8'	10.2	8.7'	5.3'	7.0'	3.9'	7.3	9.7'	6.9'	7.0'	6.7'	4.0	11.9'	11.4'	7.0'	11.8'	1.4	17.1'	33.6'
8.0'	8.6	9.6'	5.6'	8.0'	2.1'	7.7	10.0'	6.1'	8.0'	4.5'	5.6	11.1'	7.9'	8.0'	7.7'	3.0	13.7'	13.1'	8.0'	13.5'	1.0	19.6'	38.5'



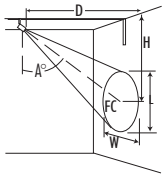


Pendant Track (MTPDN): 32" below ceiling

No Tilt				Angle A° = 15°					Angle A° = 30°					Angle A° = 45°					Angle A° = 60°				
H	FC	W	L	H	D	FC	W	L	H	D	FC	W	L	H	D	FC	W	L	H	D	FC	W	L
6.0'	64.6	3.5'	2.1'	6.0'	0.8'	57.6	3.7'	2.2'	6.0'	1.6'	41.0	4.1'	2.9'	6.0'	2.9'	22.0	5.1'	4.8'	6.0'	5.1'	7.4	7.4'	14.5'
7.0'	35.1	4.8'	2.8'	7.0'	1.0'	31.4	5.0'	3.0'	7.0'	2.2'	22.4	5.5'	3.9'	7.0'	3.9'	12.1	6.8'	6.5'	7.0'	6.8'	4.1	9.9'	19.4'
8.0'	22.0	6.0'	3.5'	8.0'	1.3'	19.7	6.3'	3.8'	8.0'	2.8'	14.1	7.0'	5.0'	8.0'	4.9'	7.6	8.6'	8.2'	8.0'	8.6'	2.6	12.4'	24.3'
9.0'	15.1	7.3'	4.3'	9.0'	1.6'	13.5	7.5'	4.6'	9.0'	3.4'	9.7	8.4'	6.0'	9.0'	5.9'	5.2	10.4'	9.9'	9.0'	10.3'	1.8	14.9'	29.3'
10.0'	11.0	8.5'	5.0'	10.0'	1.8'	9.9	8.8'	5.4'	10.0'	3.9'	7.1	9.9'	7.0'	10.0'	6.9'	3.8	12.1'	11.6'	10.0'	12.0'	1.3	17.4'	34.2'

(Fixture 3.1ft below ceiling)

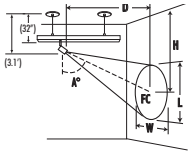
Ceiling (Wall)



Recessed Track (MTRFG and MTRTS)

Vertical Angle (Fixture calculated at aiming point (90°) to horizontal surface)

Angle A° = 15°					Angle A° = 30°					Angle A° = 45°					Angle A° = 60°					Angle A° = 80°				
D	H	FC	W	L	D	H	FC	W	L	D	H	FC	W	L	D	H	FC	W	L	D	H	FC	W	L
1.0'	4.0'	8.8	4.8'	-	1.0'	2.0'	63.6	2.5'	4.9'	2.0'	2.3'	45.0	3.5'	3.4'	2.0'	1.3'	82.7	2.9'	2.0'	2.0'	0.4'	121.5	2.5'	1.5'
1.5'	5.9'	3.9	7.3'	-	1.5'	2.9'	28.3	3.8'	7.4'	2.5'	2.8'	28.8	4.4'	4.2'	2.5'	1.6'	52.9	3.6'	2.6'	3.0'	0.6'	54.0	3.8'	2.3'
2.0'	7.8'	2.2	9.7'	-	2.0'	3.8'	15.9	5.0'	9.8'	3.0'	3.3'	20.0	5.3'	5.1'	3.0'	1.9'	36.7	4.3'	3.1'	4.0'	0.8'	30.4	5.1'	3.0'
2.5'	9.6'	1.4	12.1'	-	2.5'	4.6'	10.2	6.3'	12.3'	3.5'	3.8'	14.7	6.2'	5.9'	3.5'	2.2'	27.0	5.1'	3.6'	5.0'	1.0'	19.4	6.4'	3.8'
3.0'	11.5'	1.0	14.5'	-	3.0'	5.5'	7.1	7.5'	14.8'	4.0'	4.3'	11.2	7.1'	6.8'	4.0'	2.5'	20.7	5.8'	4.1'	6.0'	1.1'	13.5	7.6'	4.6'



Pendant Track (MTPDN): 32" below ceiling

Angle A° = 15°					Angle A° = 30°					Angle A° = 45°					Angle A° = 60°					Angle A° = 80°				
D	H	FC	W	L	D	H	FC	W	L	D	H	FC	W	L	D	H	FC	W	L	D	H	FC	W	L
1.0'	6.9'	8.8	4.8'	-	1.0'	4.9'	63.6	2.5'	4.9'	2.0'	5.1'	45.0	3.5'	3.4'	2.0'	4.2'	82.7	2.9'	2.0'	2.0'	3.3'	121.5	2.5'	1.5'
1.5'	8.8'	3.9	7.3'	-	1.5'	5.8'	28.3	3.8'	7.4'	2.5'	5.6'	28.8	4.4'	4.2'	2.5'	4.5'	52.9	3.6'	2.6'	3.0'	3.5'	54.0	3.8'	2.3'
2.0'	10.6'	2.2	9.7'	-	2.0'	6.6'	15.9	5.0'	9.8'	3.0'	6.1'	20.0	5.3'	5.1'	3.0'	4.8'	36.7	4.3'	3.1'	4.0'	3.7'	30.4	5.1'	3.0'
2.5'	12.5'	1.4	12.1'	-	2.5'	7.5'	10.2	6.3'	12.3'	3.5'	6.6'	14.7	6.2'	5.9'	3.5'	5.1'	27.0	5.1'	3.6'	5.0'	3.8'	19.4	6.4'	3.8'
3.0'	14.4'	1.0	14.5'	-	3.0'	8.4'	7.1	7.5'	14.8'	4.0'	7.1'	11.2	7.1'	6.8'	4.0'	5.4'	20.7	5.8'	4.1'	6.0'	4.0'	13.5	7.6'	4.6'

(Fixture 3.1ft below ceiling)