

Project Name:	Type:
Part Number:	Date:

2" MINIFIT MODULE

SPECIFICATION FEATURES

- **Mechanical** - 2" MINIFIT module with external driver snaps into field interchangeable trims and install from below the ceiling. Trim mounted spring action clips accommodate ceiling thicknesses between 1/2" and 2".
- **Electrical** -120V, 50/60 Hz driver. Dimmable to 10% with Forward phase (TRIAC) / Reverse phase (ELV) dimmers. Plenum rated quick connect cable allows for easy wiring.
- **Optical** - 2700K, 3000K, 4000K and 5000K color temperatures available. 38° narrow beam distribution. COB technology ensures minimum 90CRI with 3-step SDCM. Open Round Flat and Round Deep Trims tilt up to 45°. Field interchangeable reflectors available with Round Deep Trims.
- **Thermal** - Extruded aluminum heat sink. Rated L70 lifetime of 50,000 hours. Ambient temperature rating: -4°F to 104°F (-20°C to 40°C).
- **Compliance and Warranty** – ETL Listed for Damp location. ETL listed for Wet location when used with Glass trims (MM2T/RFT/GL/xx). IC rated. Energy Star® listed. JA8 Certified to meet CA Title 24 requirements. 5 year parts warranty for complete fixture.



030223

BENEFITS

- Shallow form factor for easy installation
- IC Rated and wet location listed with glass trims
- 120V dimmable down to 10%
- Multiple choice of finish and options

APPLICATIONS

- New construction and retrofit application
- Shallow plenum applications: including soffits, bulkheads, and casework
- Residential & Hospitality
- Retail & Office

ORDERING INFORMATION

Module						Trims		
Series	Size	CRI	CCT	Beam Angle	Dimming	Trim	Style	Finish
<input checked="" type="checkbox"/> MM Mini Module	<input checked="" type="checkbox"/> 2 2" 780lm	<input checked="" type="checkbox"/> 90 CRI 90	<input type="checkbox"/> 27 2700K	<input checked="" type="checkbox"/> FL Flood 38°	<input checked="" type="checkbox"/> DIM120 120V - Line voltage dimming	<input checked="" type="checkbox"/> MM2T MM2 Trim	<input type="checkbox"/> RFT/OP Round Shallow Gimbal – Open	<input type="checkbox"/> WH White
			<input type="checkbox"/> 30 3000K				<input type="checkbox"/> RFT/GL Round Shallow Fixed – Glass Lens for Wet Locations	<input type="checkbox"/> BM* Brushed Metal
			<input type="checkbox"/> 40 4000K				<input type="checkbox"/> RDT/OP Round Deep Gimbal – Open	
			<input type="checkbox"/> 50 5000K				<input type="checkbox"/> RDT/PN Round Deep Gimbal – Pinhole	
			<input type="checkbox"/> RDT/WW Round Deep Gimbal – Wall Wash					

*Brushed Metal finish is only available for Round Flat trims.

SELECTION*

Ex: MM2-9030-FL-DIM120
MM2T-RFT/OP-BM

MM2	2	90		FL	DIM120
MM2T					

*A complete fixture consists of two items, one module and one trim, ordered separately.



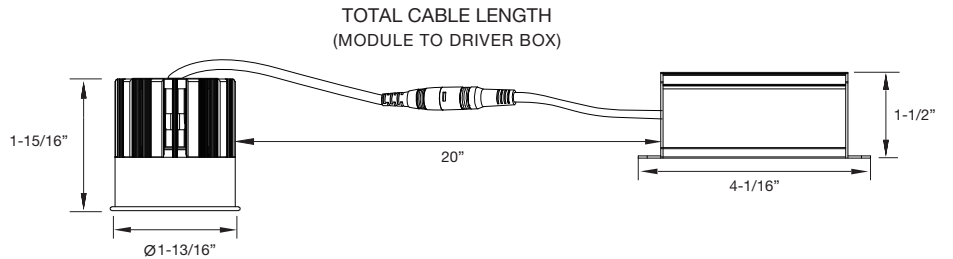
2" MINIFIT MODULE

LINE DRAWINGS

MINIFIT Module with External driver

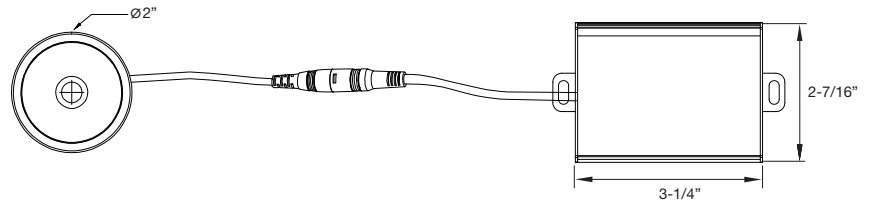
ORDERING GUIDE

Product	Model
98571	MM2/927/FL/DIM120
98572	MM2/930/FL/DIM120
98573	MM2/940/FL/DIM120
98574	MM2/950/FL/DIM120



CEILING CUTOUT

	Minimum	Maximum
MM2T/RFT/xx/xx	2-3/4"	3-1/4"
MM2T/RDT/xx/xx	3"	3-1/4"



Trim Options (shown with Module installed)

Product	Model	Description	Dimensions
98575	MM2T/RFT/OP/WH	Round Shallow Gimbal – Open - White	
98576	MM2T/RFT/OP/BM	Round Shallow Gimbal – Open – Brushed Metal	
98577	MM2T/RFT/GL/WH	Round Shallow Fixed – Glass Lens – White	
98578	MM2T/RFT/GL/BM	Round Shallow Fixed – Glass Lens – Brushed Metal	
98579	MM2T/RDT/OP/WH	Round Deep Gimbal – Open – White	
98580	MM2T/RDT/PN/WH	Round Deep Gimbal – Pinhole – White	
98581	MM2T/RDT/WW/WH	Round Deep Gimbal – Wall Wash – White	

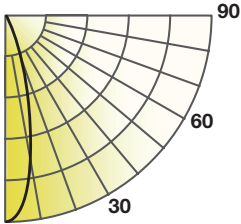
2" MINIFIT MODULE

TECHNICAL INFORMATION

Dimming	Input Voltage	Input Frequency	Input Current	Input Power	THD Power	Power Factor
DIM120	120V	50 / 60Hz	180mA	8W	<20%	>0.9

PHOTOMETRY

MM2/930/FL/DIM120 + MM2T/RFT/OP/WH



Lumens: 718 lm
 Power: 7.1 W
 Efficacy: 102 lm/W
 CRI: 90+
 Spacing Criteria: 0.65
 Beam Angle: 39°

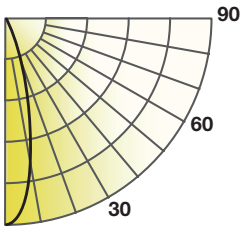
Candlepower Distribution	
Angle (°)	Average (cd)
0	1413
5	1358
15	966
25	398
35	116
45	42
55	16
65	7
75	3
85	1
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
2	350	1
4	88	3
8	22	6
10	14	7
12	10	9

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	578	81
0-40	657	92
0-60	707	98
0-90	718	100

Lumen Output Coefficient			
2700K	3000K	4000K	5000K
0.96	1.00	1.04	1.05

MM2/930/FL/DIM120 + MM2T/RFT/GL/WH



Lumens: 683 lm
 Power: 7.1 W
 Efficacy: 97 lm/W
 CRI: 90+
 Spacing Criteria: 0.65
 Beam Angle: 39°

Candlepower Distribution	
Angle (°)	Average (cd)
0	1344
5	1292
15	919
25	379
35	111
45	40
55	15
65	7
75	3
85	1
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
2	333	1
4	83	3
8	21	6
10	13	7
12	9	9

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	550	81
0-40	626	94
0-60	672	98
0-90	683	100

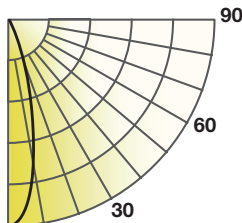
Lumen Output Coefficient			
2700K	3000K	4000K	5000K
0.96	1.00	1.04	1.05



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PHOTOMETRY

MM2/930/FL/DIM120 + MM2T/RDT/OP/WH



Lumens: 634 lm
Power: 7.1 W
Efficacy: 89 lm/W
CRI: 90+
Spacing Criteria: 0.62
Beam Angle: 47°

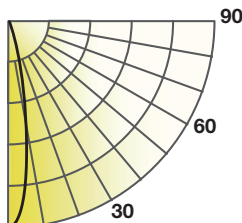
Candlepower Distribution	
Angle (°)	Average (cd)
0	1512
5	1454
15	1012
25	331
35	33
45	18
55	12
65	8
75	3
85	1
90	0

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
2	376	1
4	94	3
8	23	6
10	15	7
12	10	8

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	567	89
0-40	597	94
0-60	622	98
0-90	634	100

Lumen Output Coefficient			
2700K	3000K	4000K	5000K
0.96	1.00	1.04	1.05

MM2/930/FL/DIM120 + MM2T/RDT/PN/WH



Lumens: 346 lm
Power: 7.1 W
Efficacy: 49 lm/W
CRI: 90+
Spacing Criteria: 0.45
Beam Angle: 26°

Candlepower Distribution	
Angle (°)	Average (cd)
0	1363
5	1251
15	501
25	93
35	17
45	12
55	11
65	8
75	4
85	2
90	1

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
2	349	1
4	87	2
8	22	4
10	14	5
12	10	6

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	301	87
0-40	313	90
0-60	332	96
0-90	346	100

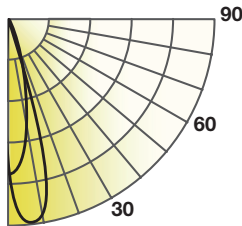
Lumen Output Coefficient			
2700K	3000K	4000K	5000K
0.96	1.00	1.04	1.05



2" MINIFIT MODULE

PHOTOMETRY

MM2/930/FL/DIM120 + MM2T/RDT/WW/WH



Lumens: 335 lm
 Power: 7.1 W
 Efficacy: 47 lm/W
 CRI: 90+
 Spacing Criteria: 0.72
 Beam Angle: 39°

Candlepower Distribution	
Angle (°)	Average (cd)
0	683
5	663
15	576
25	164
35	29
45	19
55	14
65	11
75	6
85	2
90	1

Initial Footcandles		
Height (ft)	Fc	Diameter (ft)
2	191	1
4	48	2
8	12	5
10	8	6
12	5	7

Zonal Lumen Summary		
Zone	Lumens	%Fixt
0-30	269	87
0-40	289	90
0-60	316	96
0-90	335	100

Lumen Output Coefficient			
2700K	3000K	4000K	5000K
0.96	1.00	1.04	1.05

Performance Data				
MM2/9xx/FL/DIM120 - NOMINAL				
CCT	2700K	3000K	4000K	5000K
Lumens	720	750	780	780
LPW	90	94	98	98

Trim Lumen Output Coefficient		
	MM2T/RFT/xx/xx	MM2T/RDT/xx/xx
OP	1	0.95
GL	0.95	N.A
PN	N.A	0.5
WW	N.A	0.47

ACCESSORY ORDERING INFORMATION

Product	Model	Description	Pictures	Dimensions
98589	MM2NCPLATE	MINIFIT 2" Module New Construction Plate for Stud / Joist mounting		
35095	MM2CON6	MINIFIT 2" Module 6 foot extension cable		
35096	MM2CON20	MINIFIT 2" Module 20 foot extension cable		
98003	23EMDRIVER	California Title 20 Compliant 23W Emergency LED Driver (Field Installation)		

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