



MT3
sirius® lighting
MERKER Recessed LED Fixtures

Catalog No. _____

Type _____

Project _____

Specifications/Features

Fixture

2W/350mA Constant current recessed LED fixture.
Available in two color temperatures: 5500K and 3000K.
High output LED with extra long life: 50,000 hours (dependent on the surrounding temperatures).
Fixture is milled from solid brass and finished in hand-polished chrome or platinum with chrome reflector.
Must be used with a 120V, Class II, remote, 350mA constant current electronic LED Driver. LED Driver sold separately.

Mounting

Height From Surface: 1/16"
Fixture Dia: 1-1/4"
Circle Cut: 1-7/64"
Max. Wall Thickness: 3/8"
Depth Beyond Surface: Housing: 1/4"
Spring: 3/4"

Lamp

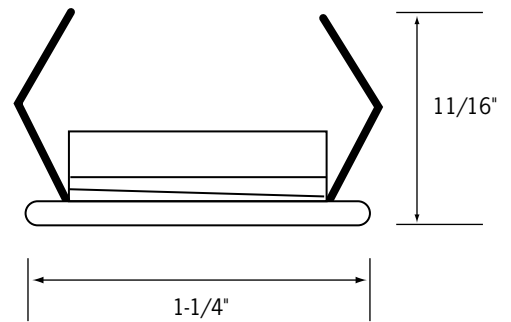
(1) 2W LED, included.
No UV or IR Radiation.
Warm White: 3000K Color Temperature.

Warranty

This complete fixture is covered by Con-Tech's full five (5) year replacement guarantee after date of purchase.

Labels/Usage

cULus listed. Suitable for damp locations.
New York City Approved.



Ordering Information

Example Order: -

Fixture

MT301 - 5500K
MT306 - 3000K

Finish

C - Polished Chrome
PL - Platinum



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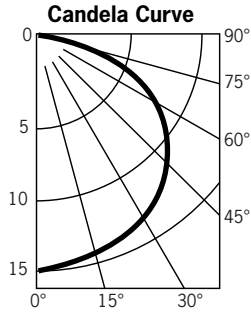
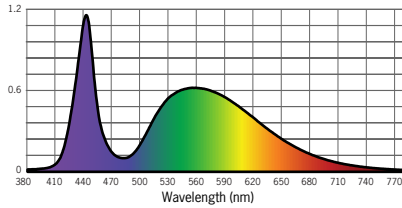
Project _____

Photometrics

MT301

Designed for 50,000 Hour Lamp Life*; LM-79 Test No. 65198

Light Output (Fixture Lumens): 48
Total Watts@120V: 2.1
Lumens Per Watt: 24
Color Rendering Index (CRI)¹: 80
Color Temperature (CCT)²: 5500K Cool White
Spectral Power Distribution Chart³



Candlepower Summary

FROM 0	CANDELA	LUMENS
0	15	
5	15	1
15	14	4
25	14	6
35	13	8
45	11	9
55	9	8
65	7	7
75	4	4
85	0	0
90	0	

Intensity Distribution

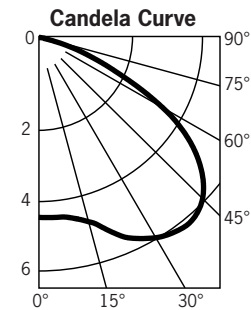
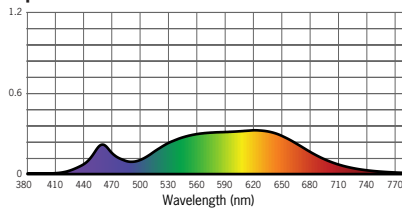
DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
6'	0.4	7.9
8'	0.2	10.5
10'	0.1	13.1
12'	0.1	15.7
14'	0.1	18.3
16'	0.1	21.0

Beam Distribution: 120°

MT306

Designed for 50,000 Hour Lamp Life*; LM-79 Test No. 65492

Light Output (Fixture Lumens): 20
Total Watts@120V: 2.2
Lumens Per Watt: 9
Color Rendering Index (CRI)¹: 86
Color Temperature (CCT)²: 3398K Warm White
Spectral Power Distribution Chart³



Candlepower Summary

FROM 0	CANDELA	LUMENS
0	5	
5	5	0
15	5	1
25	6	3
35	6	4
45	6	5
55	5	4
65	2	2
75	1	1
85	0	0
90	0	

Intensity Distribution

DISTANCE (FT.)	FOOTCANDLES (FC)	BEAM DIAMETER (FT.)
1'	4.5	1.9
2'	1.1	3.8
3'	0.5	5.7
4'	0.3	7.6
5'	0.2	9.5
6'	0.1	11.3

Beam Distribution: 132°