

Scaled data based on original data using  
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions  
(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: G3-2107-318-2

Luminaire Tested: **TT-D1-AMB-U-MQ**

Test Date: 8/11/2021

**Test Information**

Test Method: LM-79-08  
Report Number: G3-2107-318-2  
Test Lab: COOPER LIGHTING SOLUTIONS  
Test Date: 8/11/2021  
Issue Date: 8/11/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: TT-D1-AMB-U-MQ  
Description: TOPTIER LED PARKING GARAGE LUMINAIRE. NARROW BAND AMBER LEDS AND MEDIUM DISTRIBUTION  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1570.3 lumens  
Efficiency: N/A  
Efficacy: 27.4 lumens/watt  
Luminous Opening: Circular (Dia: 1.25' x H: 0')  
IES Classification: Type V - Short  
BUG Rating: B1 - U0 - G1

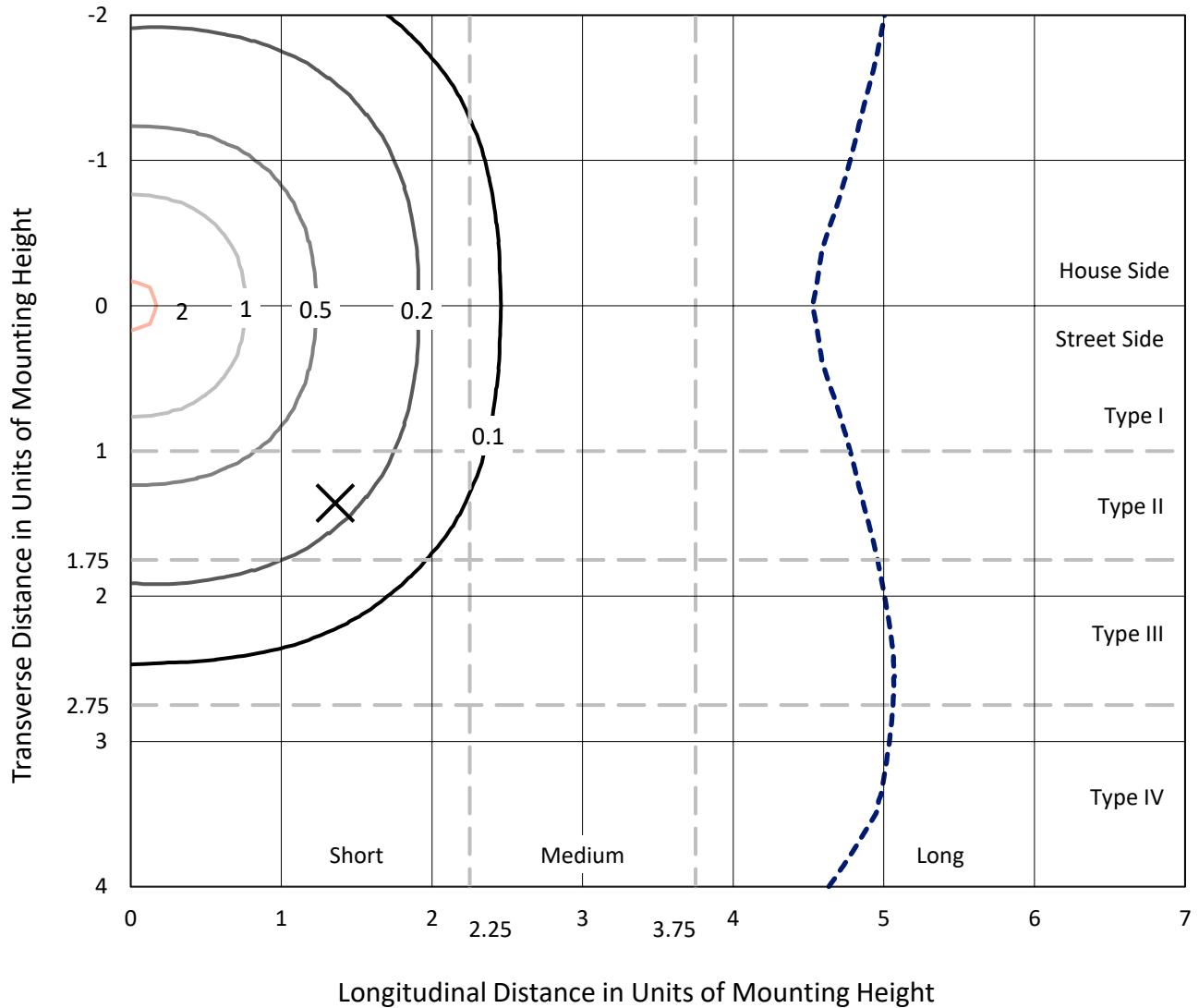
Input Watts (W): 57.3  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT



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### Iso-Footcandle Lines of Horizontal Illumination

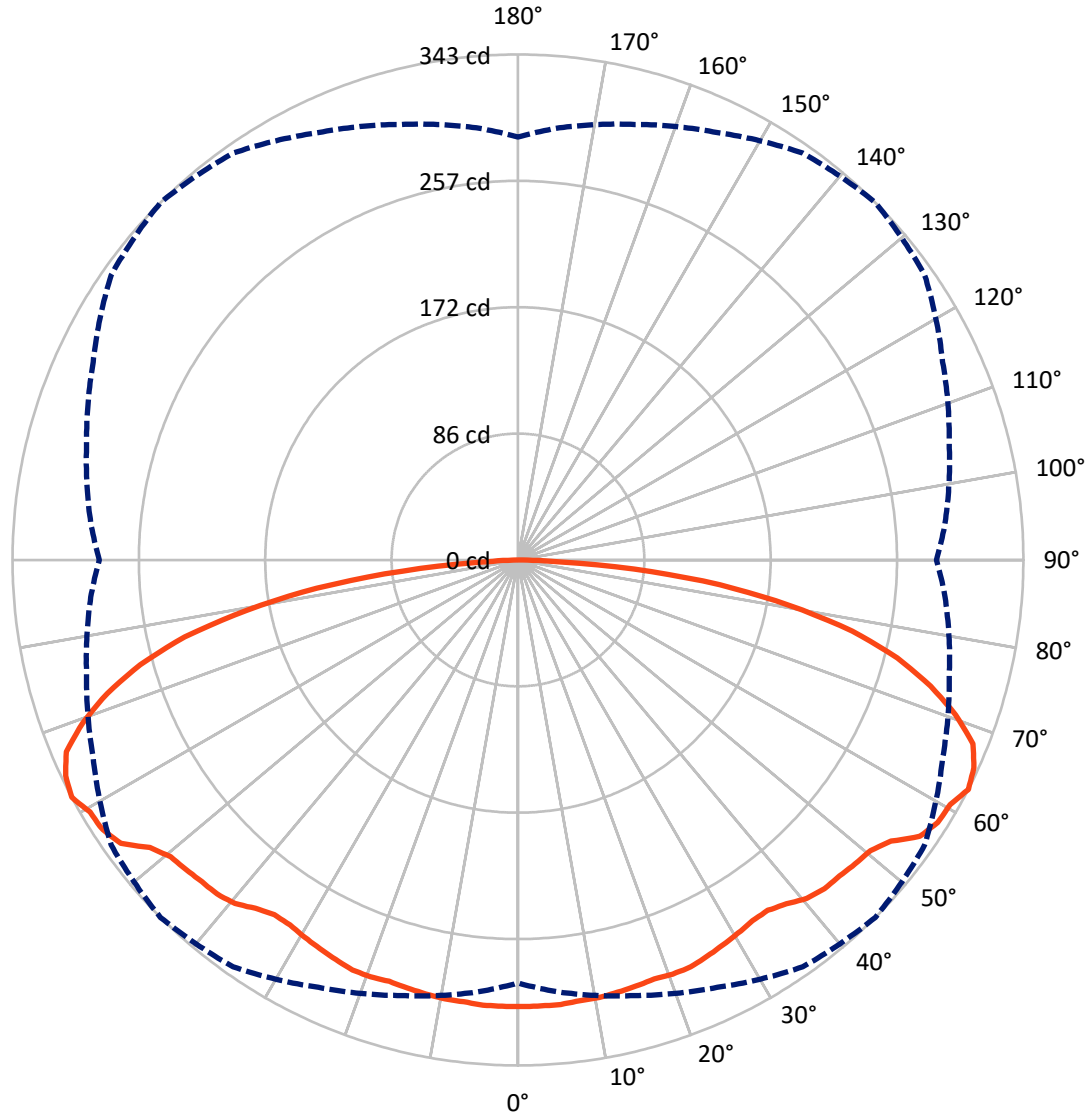
✕ Max cd  
 - - - 1/2 Max cd



Based on 12 foot mounting height. Maximum calculated value = 2.1 fc  
 Type V - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral    - - - Horizontal Cone Through 62.5-Deg Vertical

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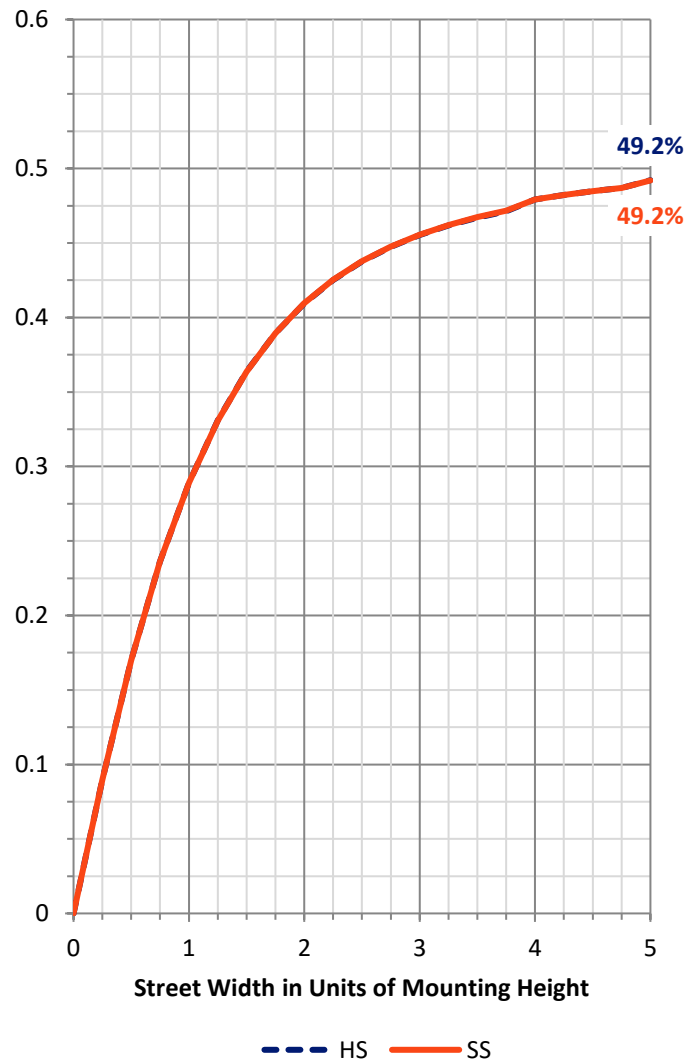
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	785.1	0.0	785.1
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	785.1	0.0	785.1
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	1570.3	0.0	1570.3
	% Fixture	100.0	0.0	100.0

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	28.9	1.8
10°-20°	85.0	5.4
20°-30°	137.3	8.7
30°-40°	183.3	11.7
40°-50°	230.6	14.7
50°-60°	278.3	17.7
60°-70°	306.1	19.5
70°-80°	245.2	15.6
80°-90°	75.6	4.8
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	1570.3	100.0
0°-180°	1570.3	100.0

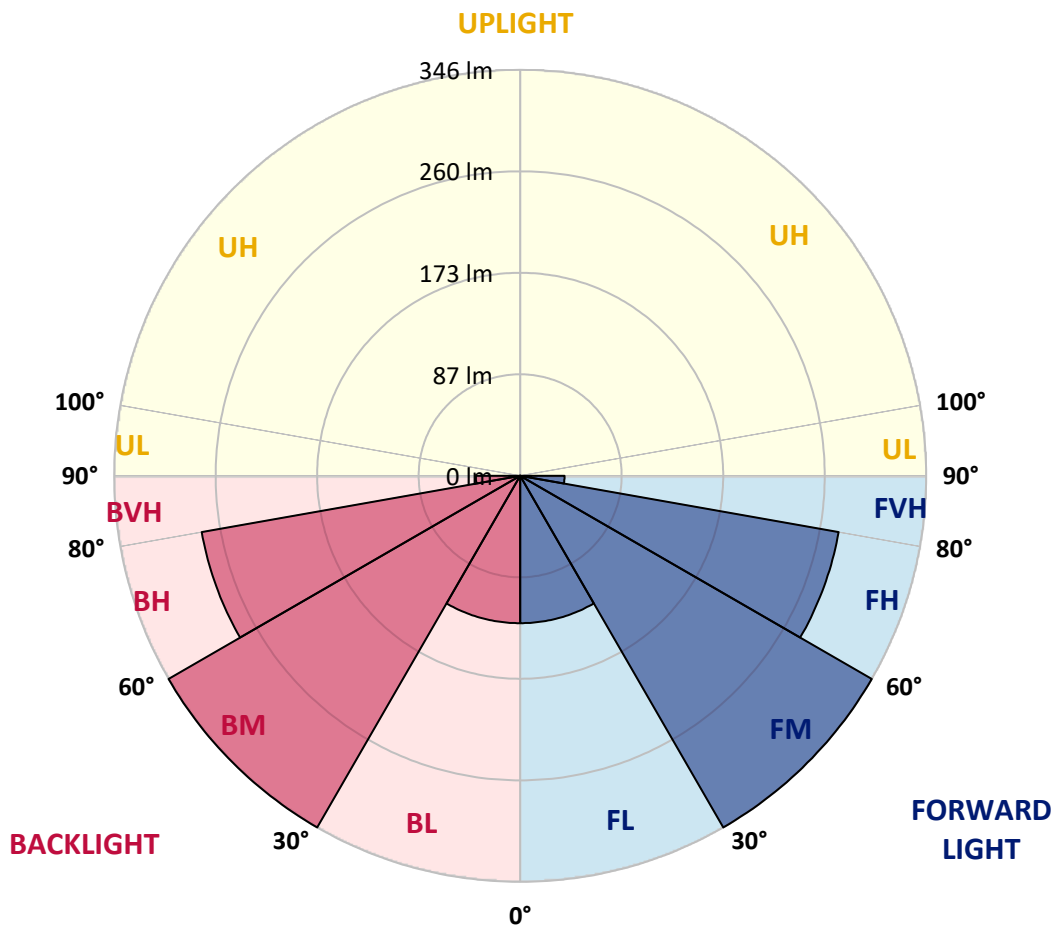


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	125.6	8.0			
FM (30°-60°)	346.1	22.0			
FH (60°-80°)	275.6	17.6			G0/660
FVH (80°-90°)	37.8	2.4			G1/100
BL (0°-30°)	125.6	8.0	B1/500		
BM (30°-60°)	346.1	22.0	B1/1000		
BH (60°-80°)	275.6	17.6	B1/500		G0/660
BVH (80°-90°)	37.8	2.4			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B1-U0-G1**  
 Type V Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	303	303	303	303	303	303	303	303	303	303	303
2.5°	303	304	303	303	303	303	303	303	303	303	303
5°	303	303	303	303	303	303	303	303	303	303	303
7.5°	303	303	303	302	302	302	302	302	303	303	303
10°	302	302	302	302	302	302	302	302	302	302	302
12.5°	301	301	301	301	301	301	301	301	301	301	301
15°	299	300	300	300	300	300	300	300	300	300	300
17.5°	298	298	298	299	299	299	299	299	299	298	298
20°	299	298	299	299	300	300	300	300	299	299	299
22.5°	298	298	298	299	300	300	300	299	299	298	298
25°	296	296	297	297	298	298	298	297	297	296	296
27.5°	294	294	295	295	296	296	296	295	295	294	294
30°	292	292	292	293	294	294	294	293	292	292	292
32.5°	290	290	290	292	292	292	292	291	290	289	289
35°	287	288	289	291	292	292	292	290	288	287	287
37.5°	287	288	290	293	296	296	296	293	289	287	287
40°	289	290	293	298	301	302	301	298	293	289	289
42.5°	290	290	295	300	303	305	303	299	294	289	289
45°	289	290	295	300	304	306	304	299	293	289	288
47.5°	288	289	294	300	305	308	305	299	292	287	286
50°	288	289	295	303	309	310	308	302	293	287	286
52.5°	290	291	297	308	314	317	314	306	295	289	287
55°	294	295	305	315	325	331	324	314	304	293	292
57.5°	298	297	308	322	335	336	334	320	306	295	295
60°	292	296	305	323	333	337	333	322	303	294	290
62.5°	287	294	306	320	337	343	337	318	303	291	284
65°	287	285	301	323	336	340	335	321	299	282	284
67.5°	276	273	288	311	327	333	326	309	285	271	272
70°	255	258	272	296	313	315	313	293	271	254	251
72.5°	231	235	250	274	289	293	288	272	247	232	229
75°	205	206	222	244	258	266	258	243	220	205	203
77.5°	174	176	191	209	227	232	226	206	189	175	172
80°	135	142	155	168	185	187	184	169	153	139	135
82.5°	98	99	110	122	134	138	133	121	107	96	94
85°	50	52	61	69	77	79	76	67	59	51	52
87.5°	10	9	11	13	16	17	15	14	10	9	9
90°	0	0	0	0	0	0	0	0	0	0	0

(END OF REPORT)