

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: G3-2107-318-3

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

Test Date: 8/18/2021

**Test Information**

Test Method: LM-79-08  
Report Number: G3-2107-318-3  
Test Lab: COOPER LIGHTING SOLUTIONS  
Test Date: 8/18/2021  
Issue Date: 8/18/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: TT-D1-AMB-U-CQ  
Description: TOPTIER LED PARKING GARAGE LUMINAIRE. NARROW BAND AMBER LEDS AND CONCENTRATED DISTRIBUTION  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1450.3 lumens  
Efficiency: N/A  
Efficacy: 25.3 lumens/watt  
Luminous Opening: Circular (Dia: 1.25' x H: 0')  
IES Classification: Type V - Short  
BUG Rating: B1 - U0 - G1

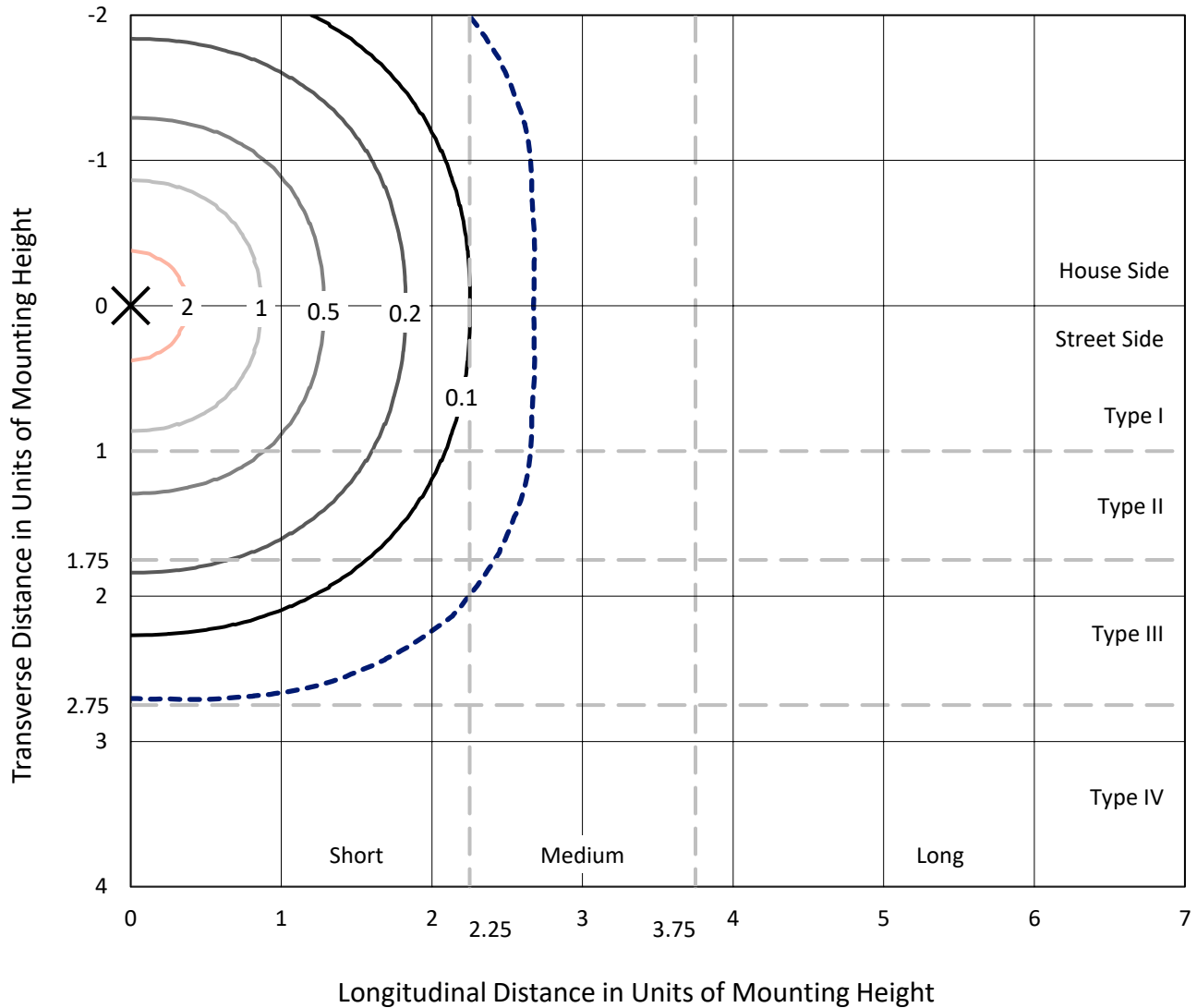
Input Watts (W): 57.3  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT



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### Iso-Footcandle Lines of Horizontal Illumination

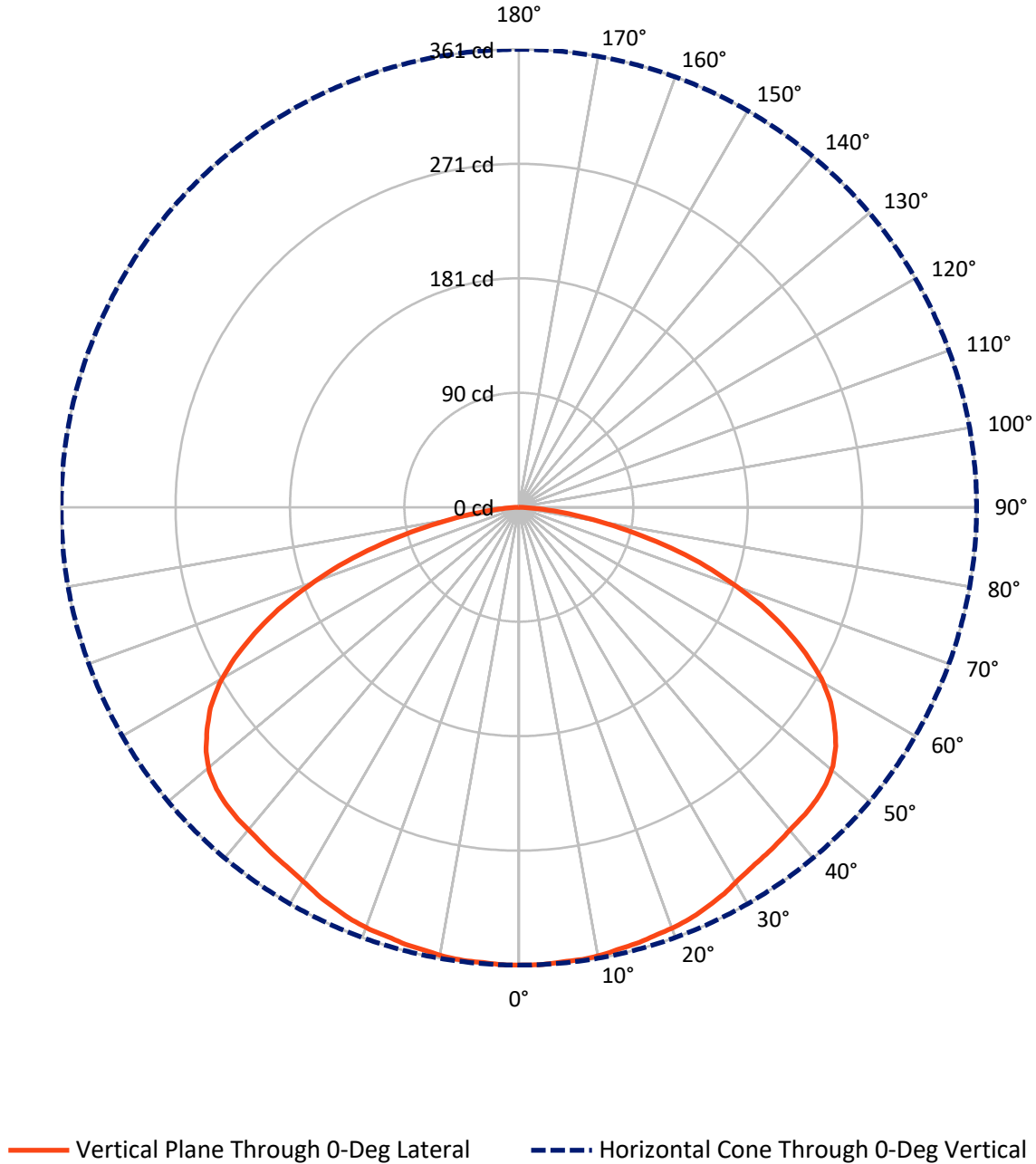
✕ Max cd  
 - - - 1/2 Max cd



Based on 12 foot mounting height. Maximum calculated value = 2.5 fc  
 Type V - Short - N/A

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### Luminous Intensity Polar Plot



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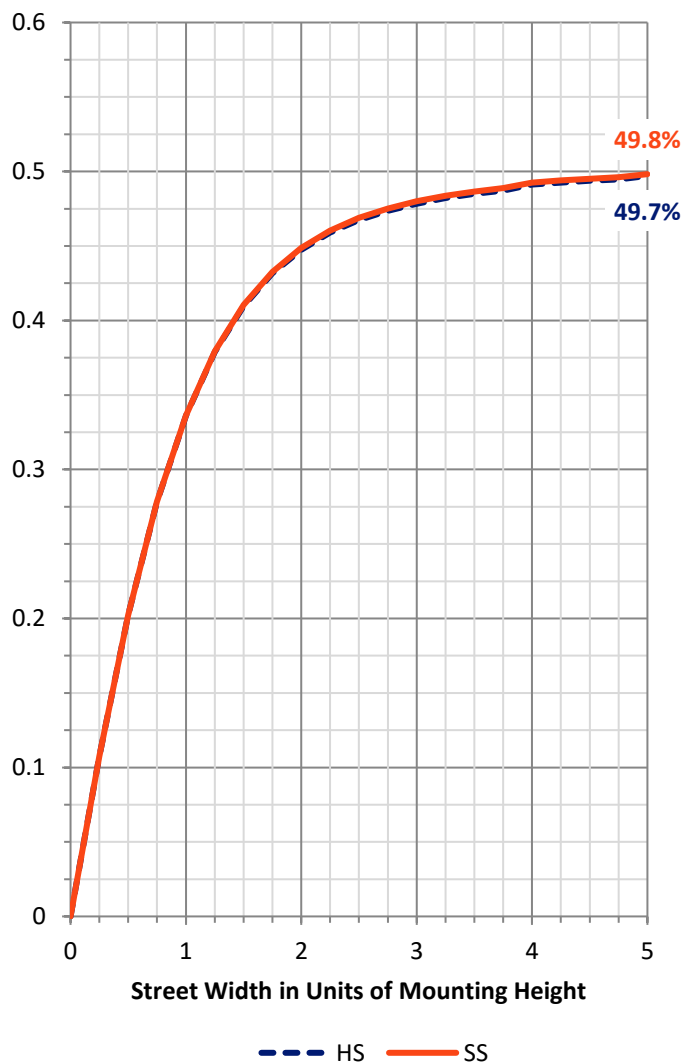
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	725.1	0.0	725.1
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	725.1	0.0	725.1
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	1450.3	0.0	1450.3
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	34.4	2.4
10°-20°	100.8	6.9
20°-30°	161.2	11.1
30°-40°	213.8	14.7
40°-50°	261.3	18.0
50°-60°	280.2	19.3
60°-70°	240.2	16.6
70°-80°	133.2	9.2
80°-90°	25.2	1.7
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°	1450.3	100.0
0°-180°	1450.3	100.0

**Coefficient of Utilization**

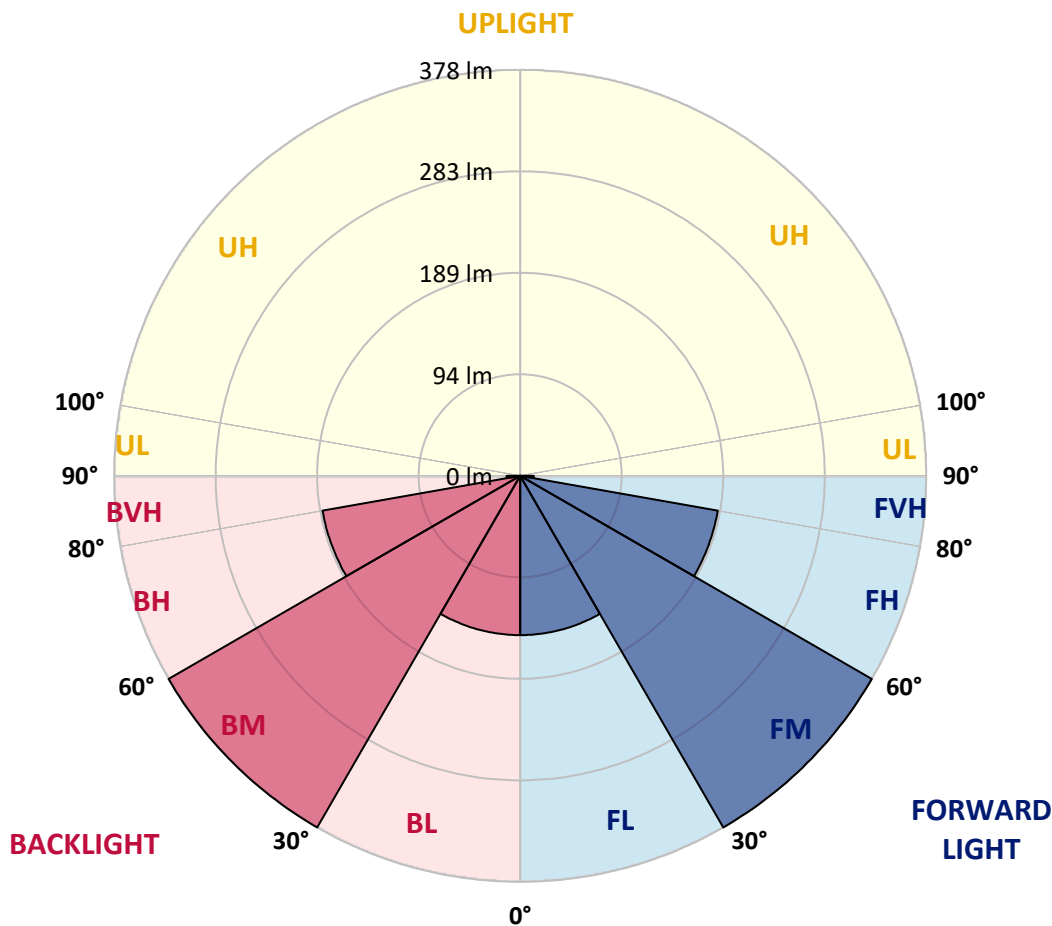


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	148.2	10.2			
FM (30°-60°)	377.6	26.0			
FH (60°-80°)	186.7	12.9			G0/660
FVH (80°-90°)	12.6	0.9			G1/100
BL (0°-30°)	148.2	10.2	B1/500		
BM (30°-60°)	377.6	26.0	B1/1000		
BH (60°-80°)	186.7	12.9	B1/500		G0/660
BVH (80°-90°)	12.6	0.9			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°	361	361	361	361	361	361	361	361	361	361	361
2.5°	361	361	361	360	360	361	361	361	360	361	360
5°	360	361	361	361	360	360	360	360	360	360	360
7.5°	360	360	360	360	360	360	360	360	360	360	360
10°	359	359	359	359	358	359	359	359	359	359	359
12.5°	357	357	357	357	357	357	358	357	357	357	357
15°	356	356	355	356	356	356	356	356	356	356	356
17.5°	354	354	354	355	355	355	355	355	354	354	354
20°	353	353	353	353	353	353	353	353	352	352	352
22.5°	351	351	351	351	352	352	352	351	351	350	350
25°	348	348	348	349	349	349	350	349	349	348	348
27.5°	345	345	345	346	347	347	347	347	346	346	345
30°	341	341	342	343	344	345	345	344	344	343	343
32.5°	338	338	339	341	343	343	343	342	341	340	340
35°	336	336	338	340	342	343	342	341	339	338	338
37.5°	334	334	336	339	342	343	343	341	338	336	336
40°	332	332	335	339	343	345	344	341	338	335	334
42.5°	331	331	335	340	345	347	345	342	337	333	333
45°	329	329	334	340	346	348	346	341	335	330	330
47.5°	326	327	332	339	345	347	344	338	331	326	325
50°	321	321	327	336	342	343	340	332	324	318	317
52.5°	313	314	320	329	336	338	333	325	316	309	308
55°	302	304	311	320	327	328	324	315	305	298	297
57.5°	290	291	298	308	315	317	313	303	293	286	285
60°	274	275	283	292	300	303	299	289	278	270	268
62.5°	254	255	262	273	281	284	280	270	258	250	249
65°	231	232	239	250	257	260	257	248	235	228	226
67.5°	206	207	214	223	231	233	230	221	211	203	202
70°	177	178	184	192	198	202	199	193	181	176	175
72.5°	149	147	152	161	166	170	167	160	152	147	145
75°	118	117	121	128	133	135	133	127	121	116	115
77.5°	87	88	90	96	100	102	101	96	91	87	87
80°	59	60	63	66	70	70	70	65	63	59	59
82.5°	35	36	37	40	42	42	42	40	38	36	36
85°	16	15	17	18	19	20	19	18	17	16	16
87.5°	3	3	3	3	4	4	4	4	3	3	3
90°	0	0	0	0	0	0	0	0	0	0	0

(END OF REPORT)