

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: G3-2107-318-1

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

Test Date: 8/9/2021

Test Information

Test Method: LM-79-08
Report Number: G3-2107-318-1
Test Lab: COOPER LIGHTING SOLUTIONS
Test Date: 8/9/2021
Issue Date: 8/9/2021
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: TT-D1-AMB-U-WQ
Description: TOPTIER LED PARKING GARAGE LUMINAIRE. NARROW BAND AMBER LEDS AND WIDE DISTRIBUTION
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1492.3 lumens
Efficiency: N/A
Efficacy: 26.0 lumens/watt
Luminous Opening: Circular (Dia: 1.25' x H: 0')
IES Classification: Type V - Short
BUG Rating: B1 - U0 - G1

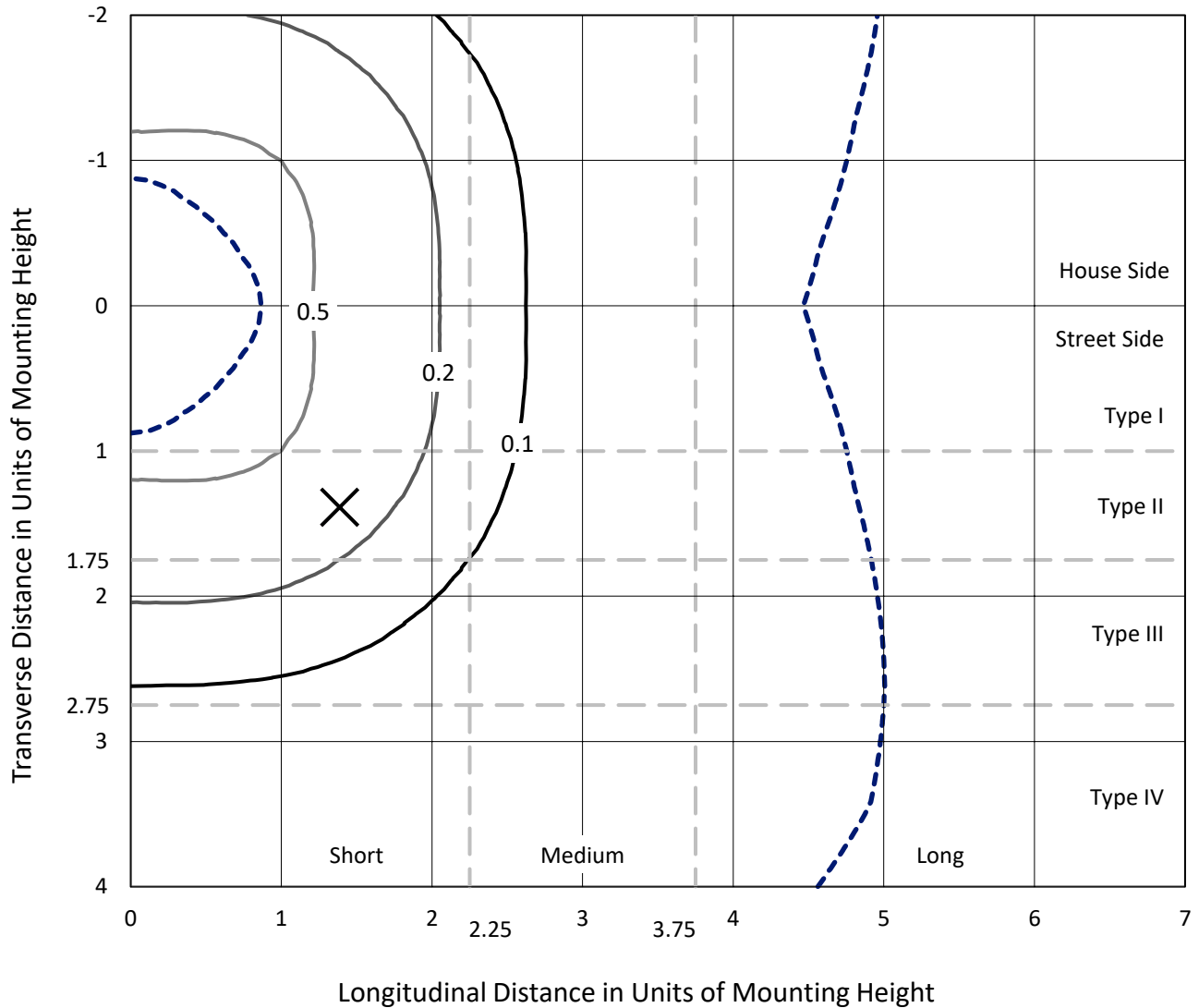
Input Watts (W): 57.3
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

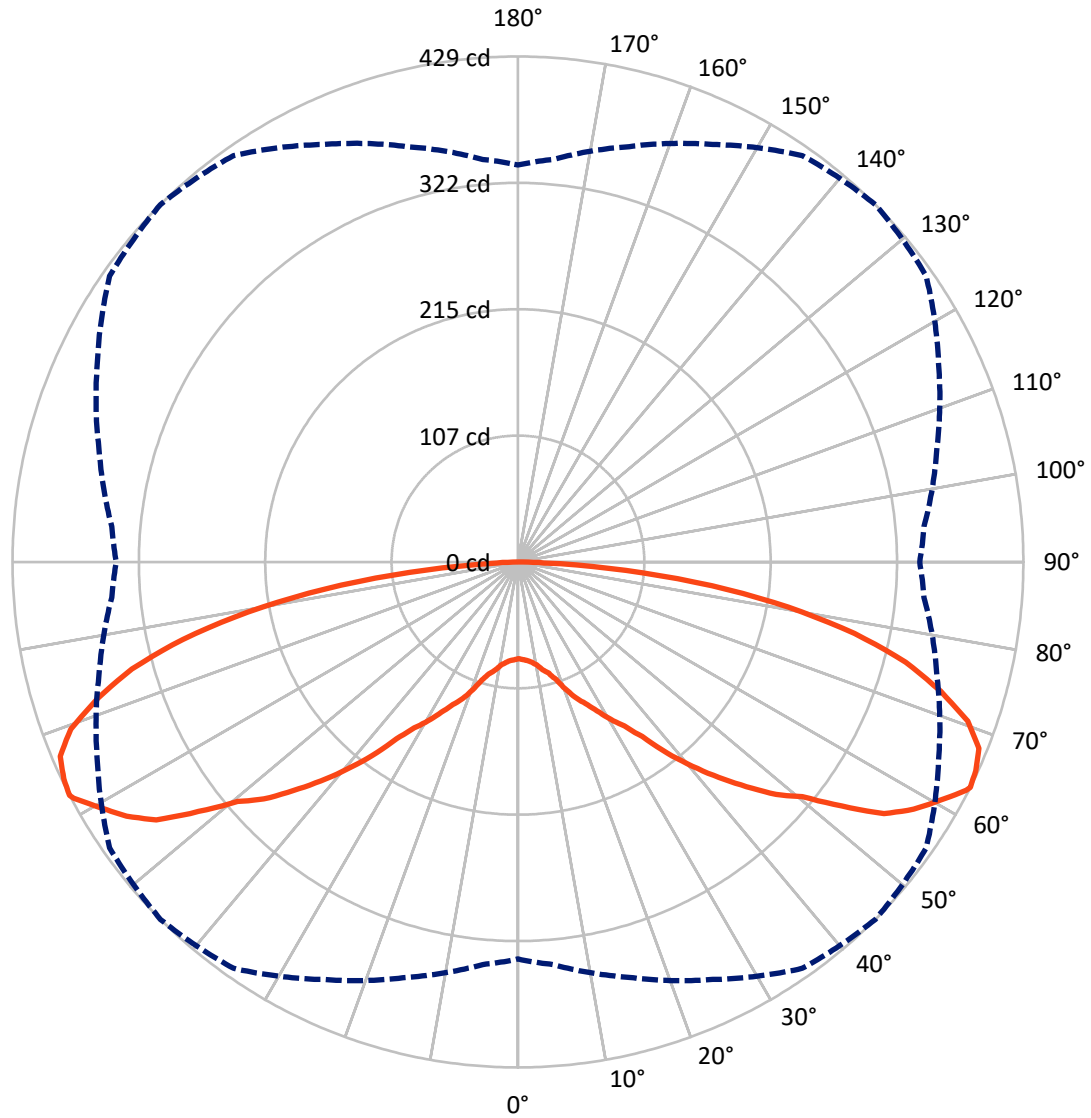
✕ Max cd
 - - - 1/2 Max cd



Based on 12 foot mounting height. Maximum calculated value = 0.7 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 63-Deg Vertical

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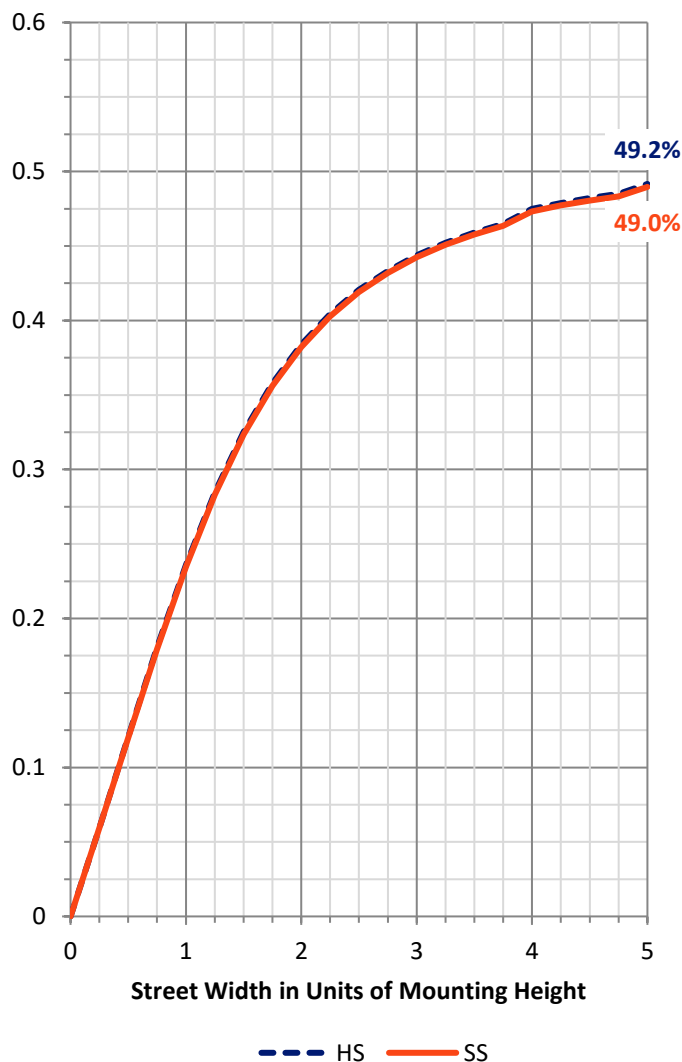
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	746.1	0.0	746.1
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	746.1	0.0	746.1
	% Fixture	50.0	0.0	50.0
Total	Lumens	1492.3	0.0	1492.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.2	0.5
10°-20°	28.6	1.9
20°-30°	61.8	4.1
30°-40°	114.3	7.7
40°-50°	199.4	13.4
50°-60°	306.0	20.5
60°-70°	375.9	25.2
70°-80°	307.4	20.6
80°-90°	90.6	6.1
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°	1492.3	100.0
0°-180°	1492.3	100.0

Coefficient of Utilization

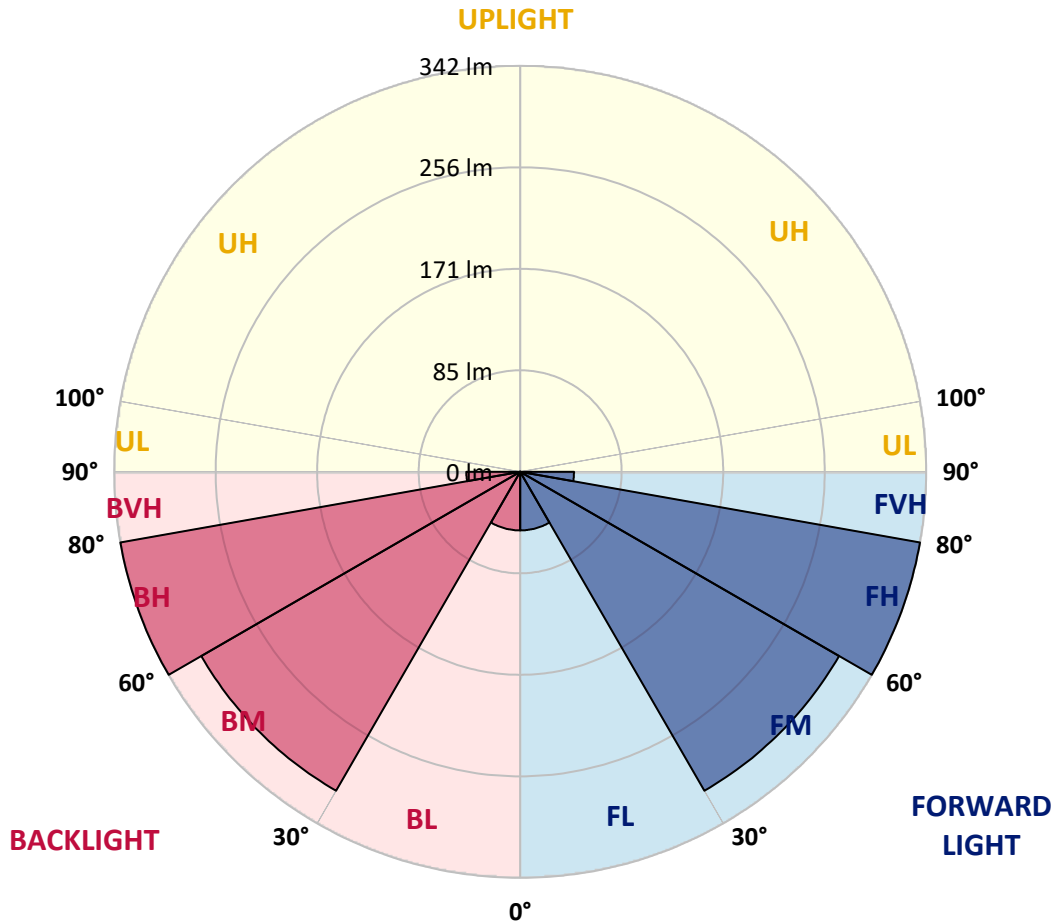


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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	49.3	3.3			
FM (30°-60°)	309.9	20.8			
FH (60°-80°)	341.6	22.9			G0/660
FVH (80°-90°)	45.3	3.0			G1/100
BL (0°-30°)	49.3	3.3	B0/110		
BM (30°-60°)	309.9	20.8	B1/1000		
BH (60°-80°)	341.6	22.9	B1/500		G0/660
BVH (80°-90°)	45.3	3.0			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°	82	82	82	82	82	82	82	82	82	82	82
2.5°	83	83	83	83	83	83	83	83	83	83	83
5°	85	85	85	84	84	84	84	84	85	85	85
7.5°	87	87	86	86	86	86	86	86	86	86	86
10°	89	89	89	89	89	89	89	89	89	89	89
12.5°	93	93	93	94	94	94	94	94	93	93	93
15°	99	98	98	99	99	98	99	99	98	98	98
17.5°	105	105	105	105	106	105	106	105	105	105	105
20°	114	114	113	114	116	115	116	114	113	113	113
22.5°	121	122	123	123	125	125	125	124	122	122	121
25°	130	130	131	131	133	133	133	132	132	130	130
27.5°	139	139	140	141	143	143	143	141	141	140	140
30°	149	149	149	152	154	155	155	152	151	150	151
32.5°	159	159	161	164	166	166	167	164	162	161	161
35°	170	172	174	178	182	182	182	179	176	174	172
37.5°	186	187	191	198	204	206	204	200	193	190	188
40°	205	205	212	220	226	228	228	222	214	208	208
42.5°	223	222	231	239	247	250	248	242	233	225	225
45°	238	239	248	258	269	272	268	260	251	243	241
47.5°	254	257	264	278	290	295	290	280	268	260	257
50°	272	273	283	299	311	313	312	302	286	276	275
52.5°	292	291	304	322	337	344	338	324	307	295	295
55°	310	311	328	348	368	377	369	350	331	314	314
57.5°	325	327	344	371	392	396	393	374	348	331	329
60°	332	337	354	384	403	411	405	387	358	342	335
62.5°	335	343	363	389	417	427	420	392	367	345	338
63°	337	343	365	391	421	429	423	394	368	346	341
65°	339	338	362	395	420	427	422	399	366	340	343
67.5°	331	328	351	387	412	422	413	390	353	332	333
70°	310	312	334	369	397	405	399	371	339	317	311
72.5°	282	287	309	343	368	375	370	346	312	292	285
75°	251	254	274	307	329	340	330	308	278	258	253
77.5°	209	215	233	259	284	292	287	261	237	218	212
80°	162	168	185	205	225	233	228	208	187	171	165
82.5°	110	117	129	145	160	166	162	146	131	118	114
85°	56	59	66	81	87	92	88	82	71	59	58
87.5°	11	11	14	17	20	22	17	16	13	12	11
90°	0	0	0	0	0	0	0	0	0	0	0

(END OF REPORT)