

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: G3-2107-318-7

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

Test Date: 8/25/2021

**Test Information**

Test Method: LM-79-08  
Report Number: G3-2107-318-7  
Test Lab: COOPER LIGHTING SOLUTIONS  
Test Date: 8/25/2021  
Issue Date: 8/25/2021  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: TT-D1-AMB-U-RW  
Description: TOPTIER LED PARKING GARAGE LUMINAIRE. NARROW BAND AMBER LEDS AND RECTANGULAR DISTRIBUTION  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 1143.5 lumens  
Efficiency: N/A  
Efficacy: 19.9 lumens/watt  
Luminous Opening: Circular (Dia: 1.25' x H: 0')  
IES Classification: Type IV - Short  
BUG Rating: B1 - U0 - G1

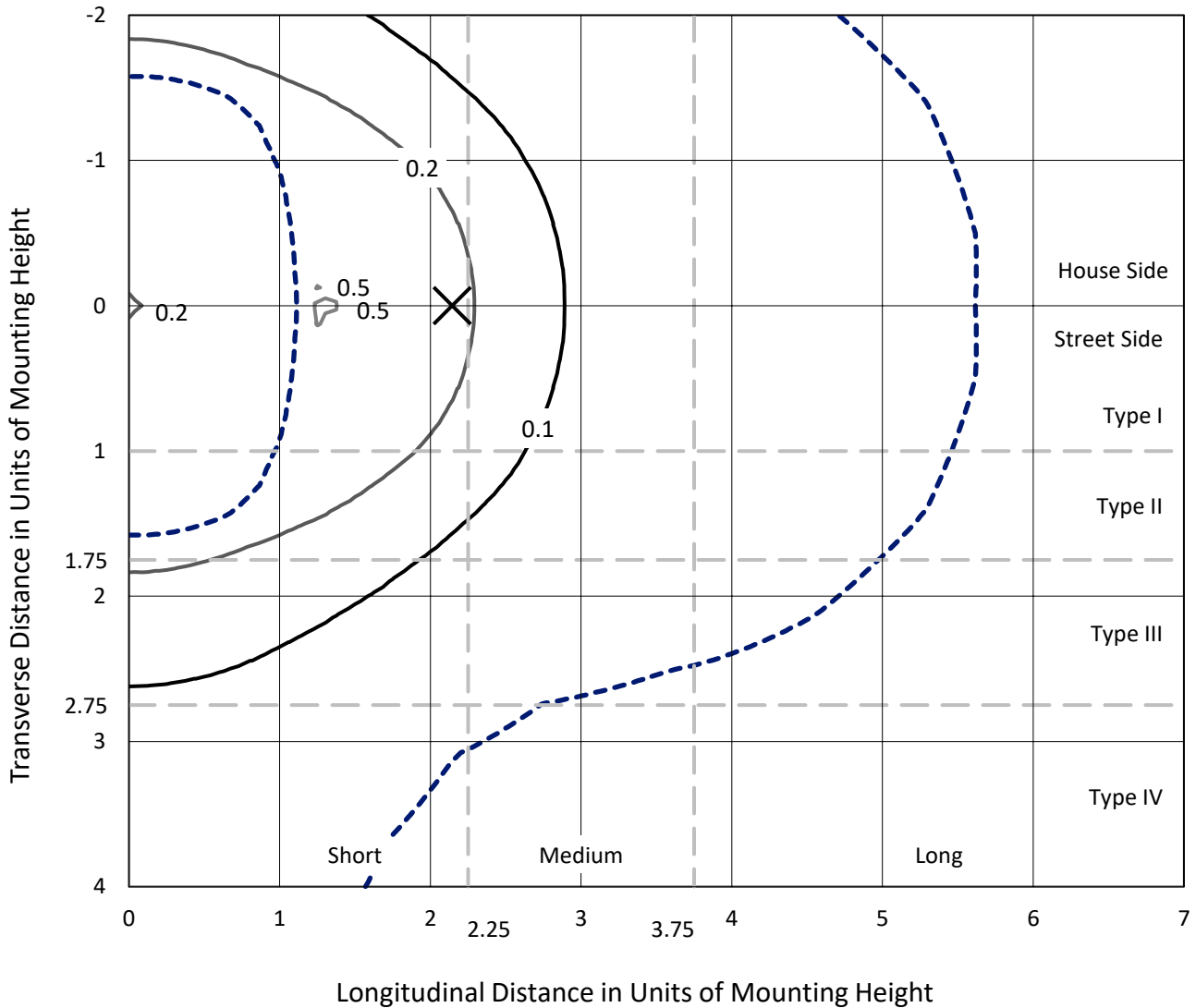
Input Watts (W): 57.4  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT



REPORT NUMBER: G3-2107-318-7  
 CATALOG NUMBER: TT-D1-AMB-U-RW

### Iso-Footcandle Lines of Horizontal Illumination

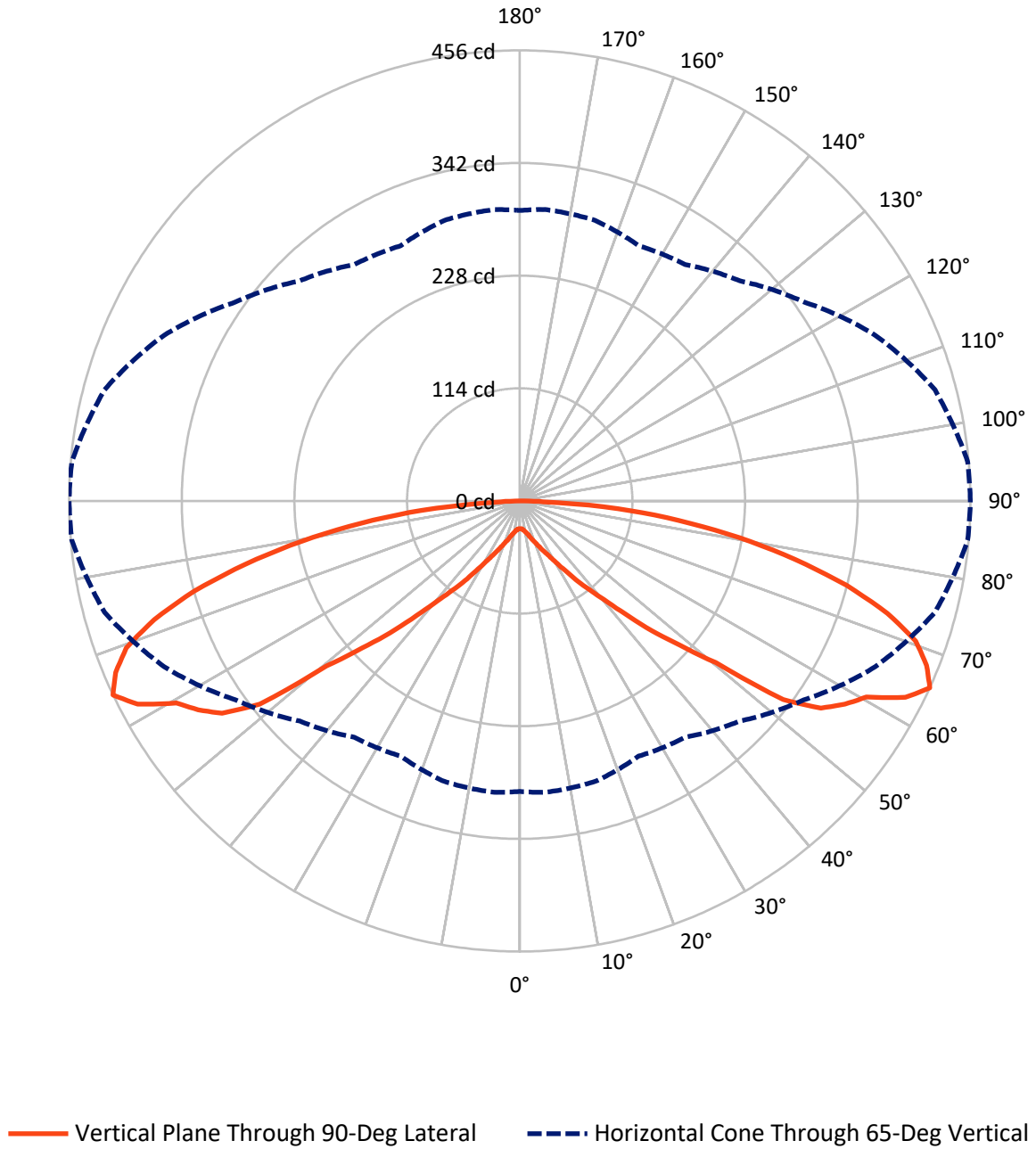
✕ Max cd  
 - - - 1/2 Max cd



Based on 12 foot mounting height. Maximum calculated value = 0.5 fc  
 Type IV - Short - N/A

REPORT NUMBER: G3-2107-318-7  
CATALOG NUMBER: TT-D1-AMB-U-RW

### Luminous Intensity Polar Plot



REPORT NUMBER: G3-2107-318-7  
 CATALOG NUMBER: TT-D1-AMB-U-RW

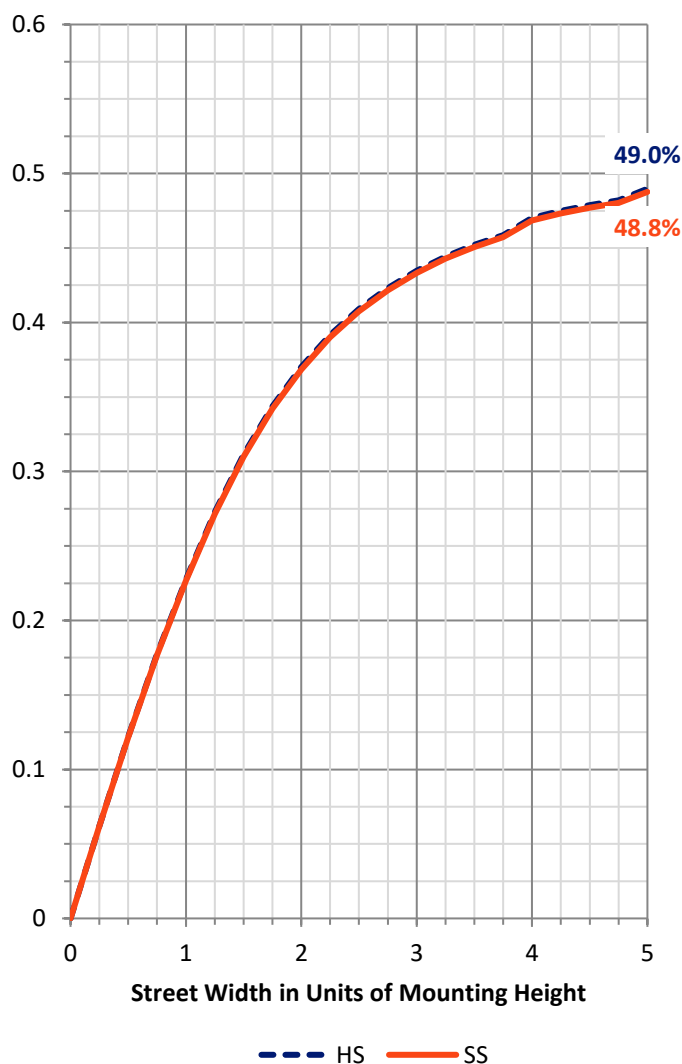
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	571.8	0.0	571.8
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	571.8	0.0	571.8
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	1143.5	0.0	1143.5
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	2.8	0.2
10°-20°	10.5	0.9
20°-30°	23.8	2.1
30°-40°	50.9	4.4
40°-50°	112.1	9.8
50°-60°	232.5	20.3
60°-70°	334.7	29.3
70°-80°	289.6	25.3
80°-90°	86.6	7.6
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°	1143.5	100.0
0°-180°	1143.5	100.0

**Coefficient of Utilization**

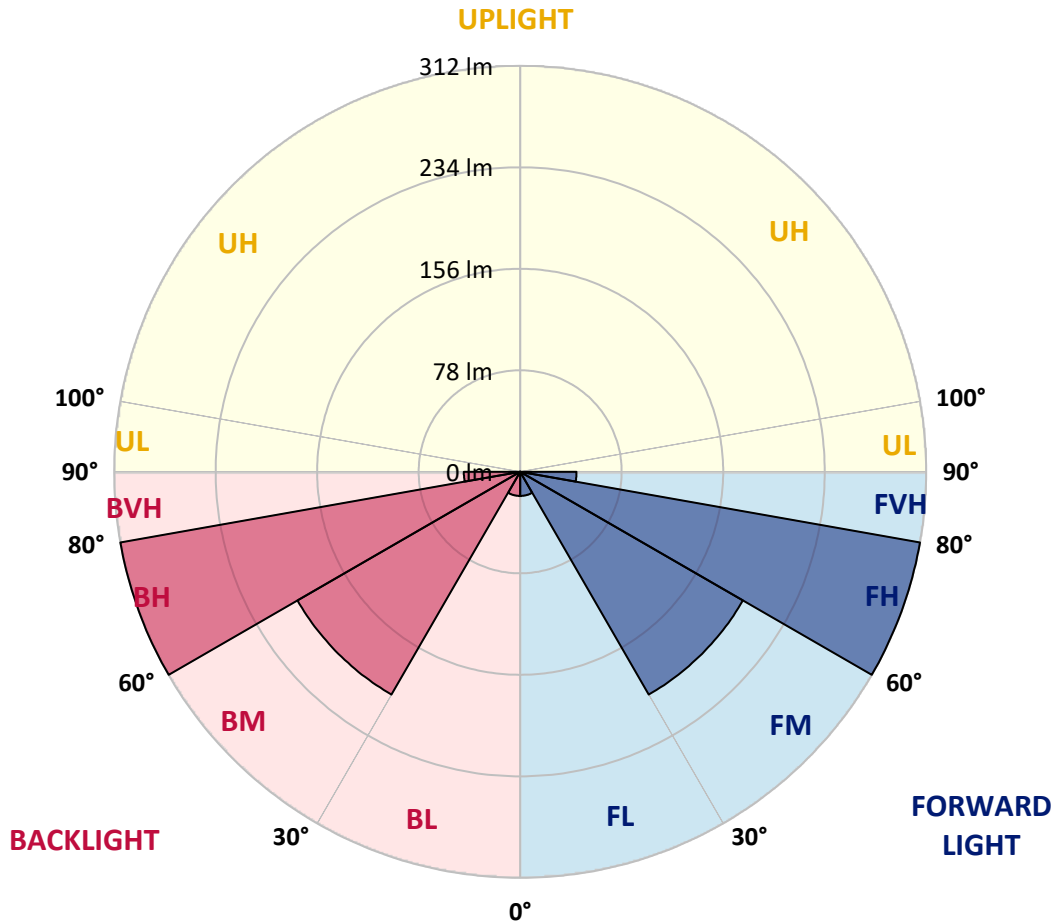


REPORT NUMBER: G3-2107-318-7  
 CATALOG NUMBER: TT-D1-AMB-U-RW

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	18.6	1.6			
FM (30°-60°)	197.7	17.3			
FH (60°-80°)	312.1	27.3			G0/660
FVH (80°-90°)	43.3	3.8			G1/100
BL (0°-30°)	18.6	1.6	B0/110		
BM (30°-60°)	197.7	17.3	B0/220		
BH (60°-80°)	312.1	27.3	B1/500		G1/500
BVH (80°-90°)	43.3	3.8			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 IV Short





REPORT NUMBER: G3-2107-318-7  
 CATALOG NUMBER: TT-D1-AMB-U-RW

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	28	28	28	28	28	28	28	28	28	28	28
2.5°	28	28	28	28	28	28	28	28	28	28	28
5°	29	29	29	29	29	29	29	29	29	29	29
7.5°	30	30	30	30	30	30	30	30	30	30	30
10°	31	31	31	31	32	32	32	32	32	32	32
12.5°	33	33	33	33	34	34	34	34	34	34	34
15°	35	35	35	35	36	36	37	37	37	37	37
17.5°	37	37	37	38	38	39	40	40	41	41	41
20°	39	39	40	40	41	42	43	44	45	45	45
22.5°	42	42	42	43	44	45	47	48	49	50	50
25°	45	46	46	47	48	50	52	53	55	56	56
27.5°	49	50	50	51	52	55	57	60	62	63	63
30°	54	54	55	56	57	60	64	67	70	72	72
32.5°	59	60	61	61	64	67	72	76	81	83	83
35°	67	67	67	69	71	75	81	89	94	97	98
37.5°	75	75	76	77	80	85	94	102	108	112	113
40°	87	86	86	87	91	98	107	118	126	130	131
42.5°	100	100	99	100	104	113	124	137	149	155	156
45°	116	116	115	115	119	130	146	163	176	187	187
47.5°	135	136	134	134	138	152	171	191	210	217	218
50°	157	158	156	155	161	177	202	225	251	257	257
52.5°	180	180	178	178	186	205	233	272	302	330	334
55°	203	202	202	202	212	239	275	317	348	365	370
57.5°	226	225	225	225	238	271	309	345	375	386	388
60°	250	249	248	250	265	295	323	358	390	401	403
62.5°	273	274	273	273	280	305	334	376	418	437	438
65°	294	296	294	285	292	315	351	397	435	455	456
67.5°	311	312	306	294	296	313	345	394	428	444	444
70°	322	319	310	293	286	296	328	374	408	424	425
72.5°	323	319	301	276	263	270	301	345	376	391	389
75°	307	303	277	245	230	236	264	304	332	340	342
77.5°	271	268	238	207	192	195	221	256	277	285	285
80°	219	214	188	162	148	151	174	199	219	226	225
82.5°	155	152	134	111	101	103	122	144	156	162	162
85°	85	84	76	62	57	59	70	85	96	100	100
87.5°	20	20	16	13	13	11	14	17	22	26	24
90°	0	0	0	0	0	0	0	0	0	0	0

(END OF REPORT)