

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: P197950

Luminaire Tested: **TT-C3-LED-E1-RW-LWR-LW**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P197950
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P34693)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: TT-C3-LED-E1-RW-LWR-LW
Description: TOPTIER LED PARKING GARAGE LUMINAIRE
RECTANGULAR DISTRIBUTION WITH LumaWatt WIRELESS SENSOR
Light Source: (168) 4000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4533.7 lumens
Efficiency: N/A
Efficacy: 100.7 lumens/watt
Luminous Opening: Circular (Dia: 1.12' x H: 0')
IES Classification: Type IV - Short - Semi-Cutoff
BUG Rating: B3 - U0 - G3

Input Watts (W): 45
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: 25 FT



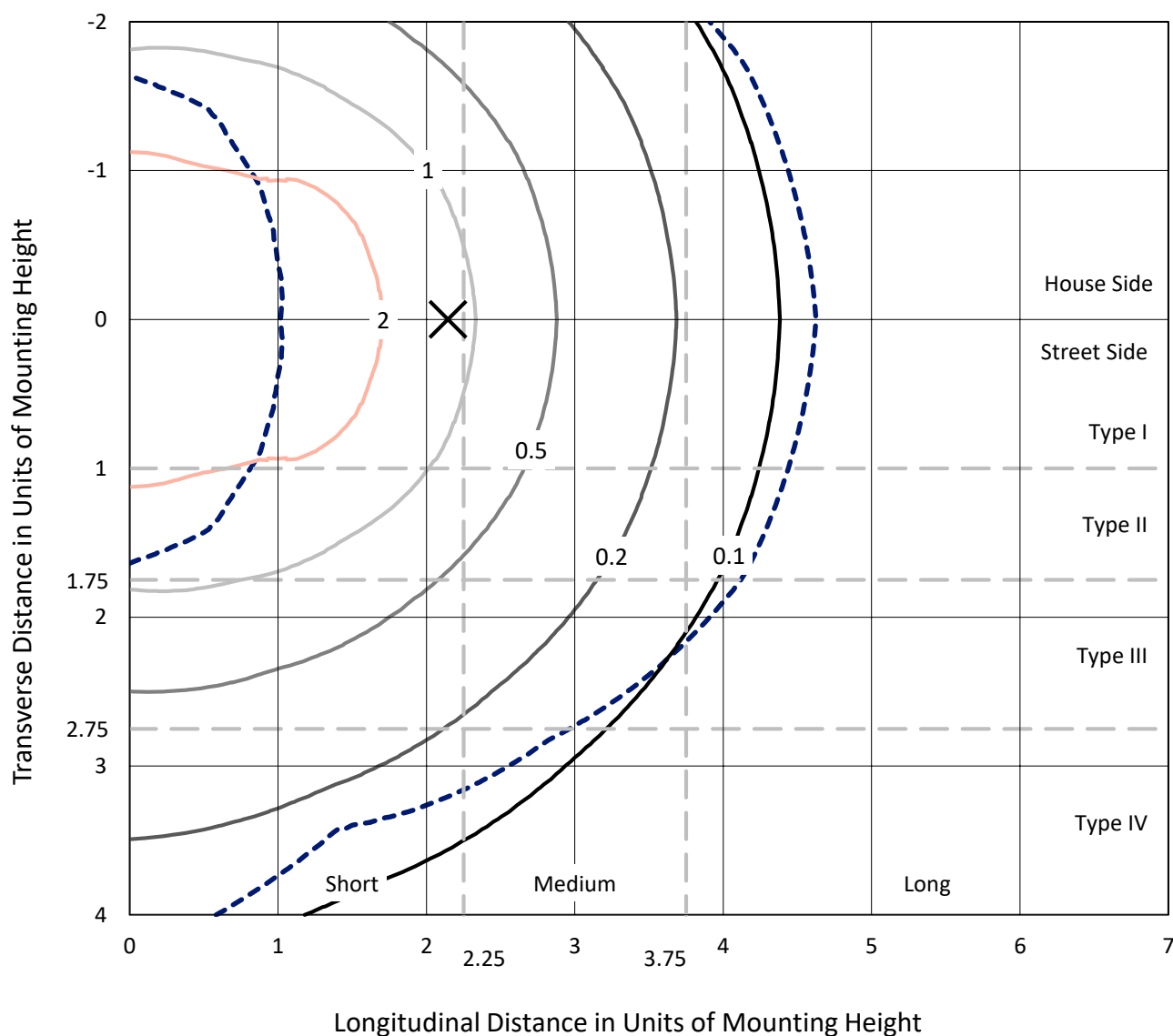
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

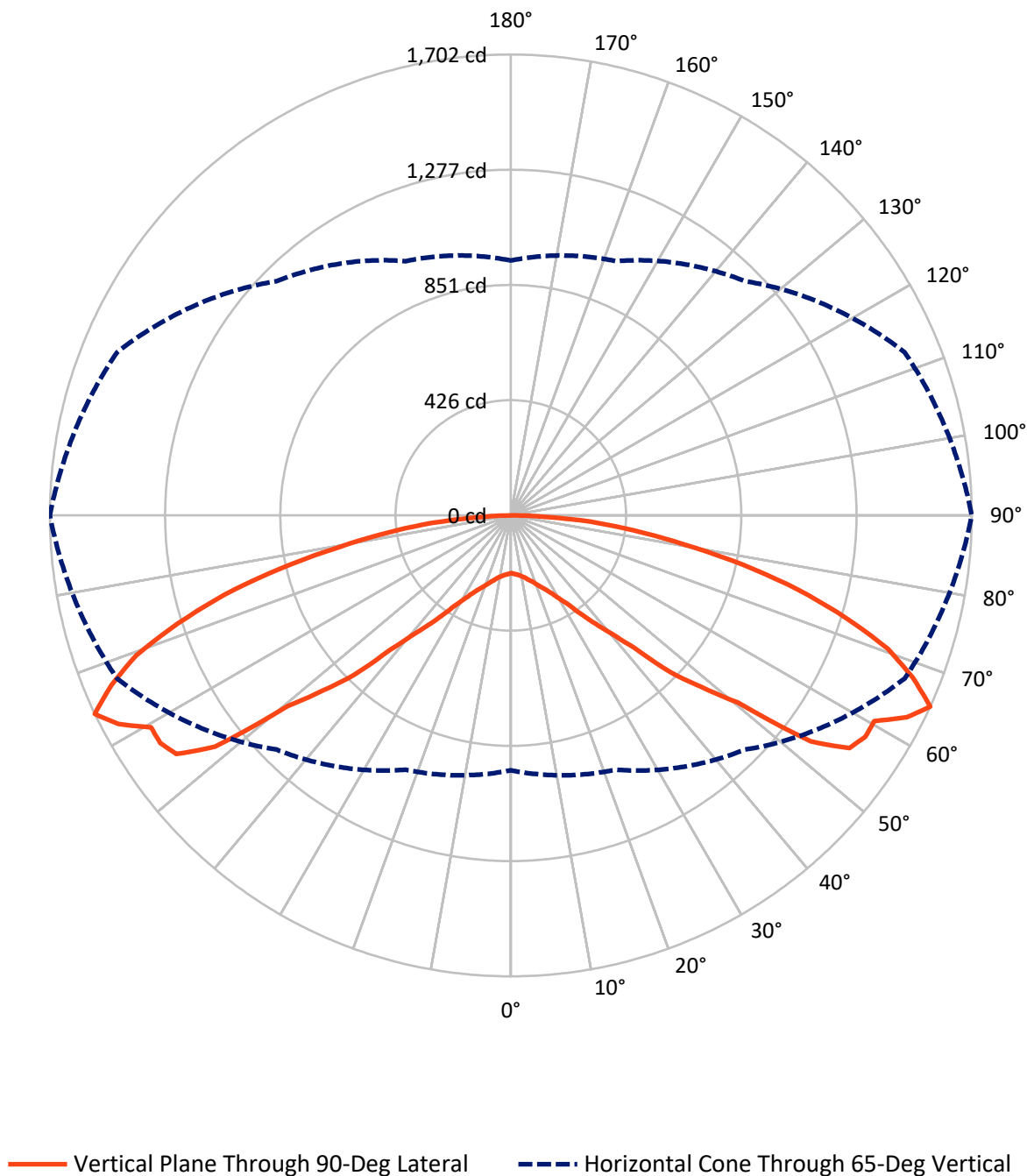


Based on 10 foot mounting height. Maximum calculated value = 3 fc
Type IV - Short - Semi-Cutoff

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Luminous Intensity Polar Plot



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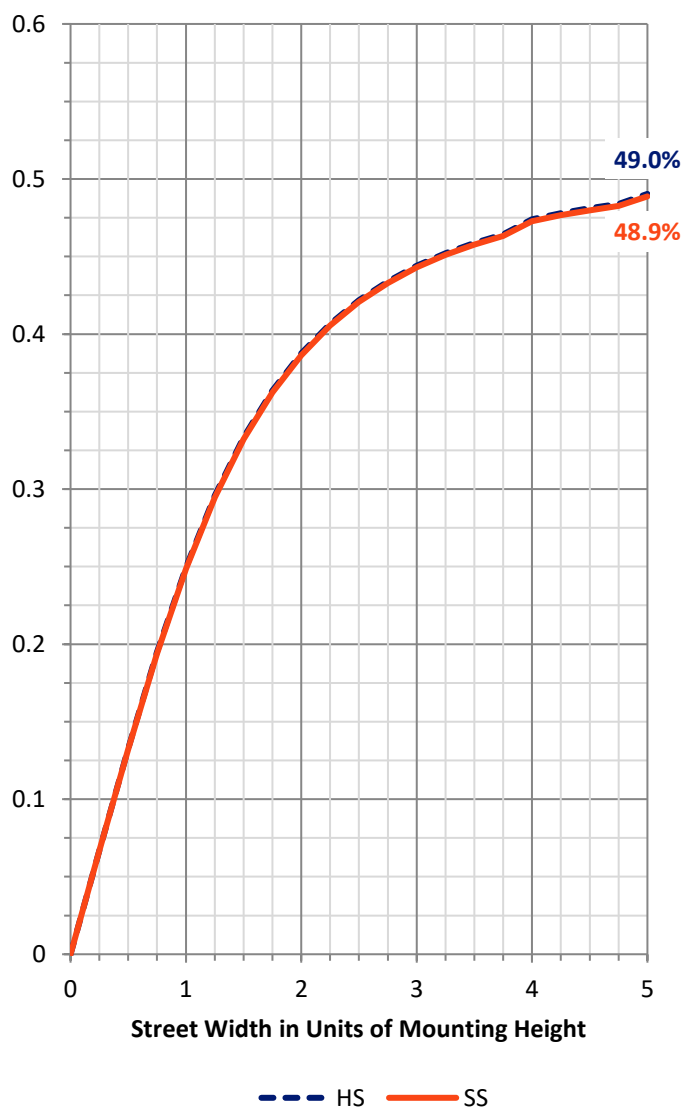
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2266.8	0.0	2266.8
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2266.8	0.0	2266.8
	% Fixture	50.0	0.0	50.0
Total	Lumens	4533.7	0.0	4533.7
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	21.3	0.5
10°-20°	72.4	1.6
20°-30°	152.0	3.4
30°-40°	288.9	6.4
40°-50°	537.0	11.8
50°-60°	951.8	21.0
60°-70°	1236.1	27.3
70°-80°	984.5	21.7
80°-90°	289.7	6.4
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°	4533.7	100.0
0°-180°	4533.7	100.0

Coefficient of Utilization



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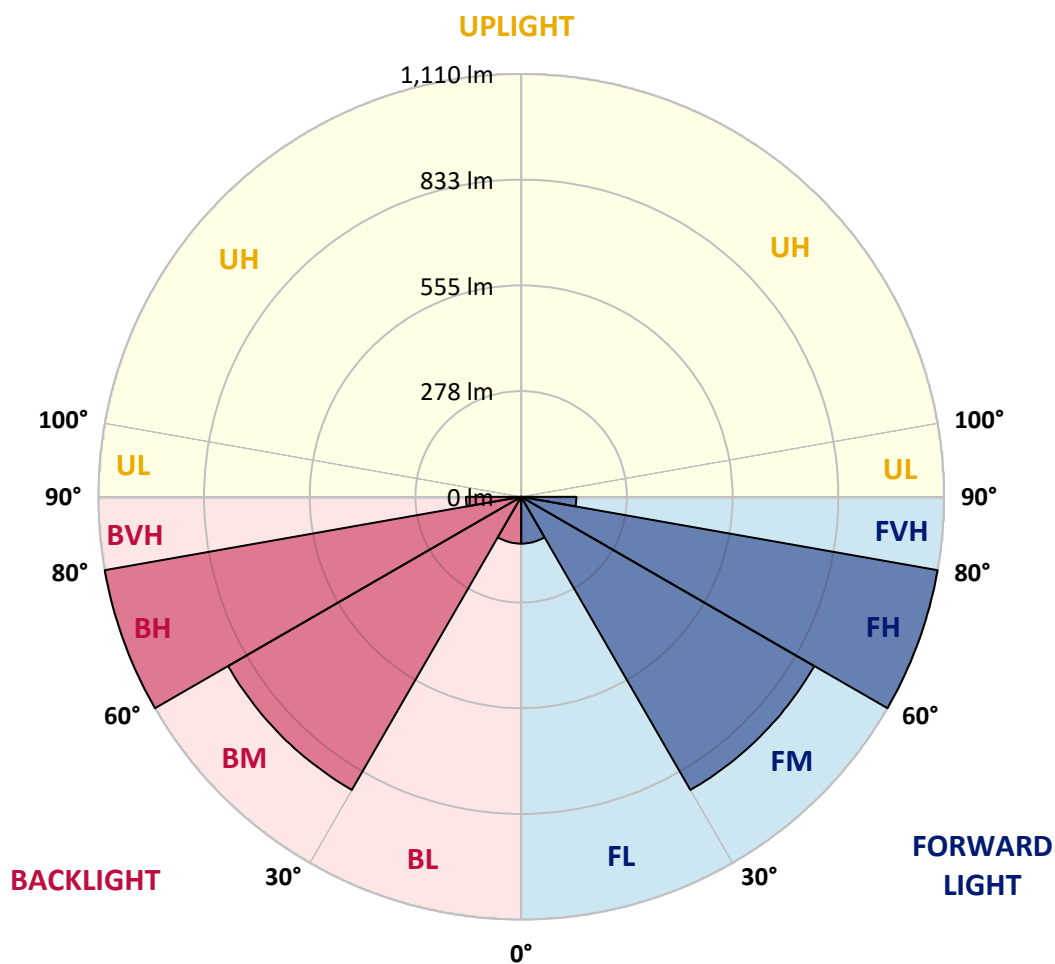
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	122.8	2.7			
FM	(30°-60°)	888.9	19.6			
FH	(60°-80°)	1110.3	24.5			G1/1800
FVH	(80°-90°)	144.8	3.2			G2/225
BL	(0°-30°)	122.8	2.7	B1/500		
BM	(30°-60°)	888.9	19.6	B1/1000		
BH	(60°-80°)	1110.3	24.5	B3/2500		G3/2500
BVH	(80°-90°)	144.8	3.2			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3

Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	213	213	213	213	213
2.5°	215	215	216	216	216
5°	219	219	220	220	219
7.5°	224	226	225	223	223
10°	232	233	231	230	229
12.5°	242	243	239	238	236
15°	256	255	251	247	247
17.5°	275	269	262	259	257
20°	297	289	280	273	272
22.5°	322	311	299	289	288
25°	346	337	322	309	305
27.5°	372	365	346	331	328
30°	402	396	374	360	359
32.5°	437	429	405	395	394
35°	479	464	443	436	448
37.5°	519	502	485	497	507
40°	554	543	535	560	574
42.5°	588	582	588	625	668
45°	624	626	648	749	826
47.5°	666	667	719	874	947
50°	712	711	803	968	1085
52.5°	757	761	887	1170	1387
55°	797	819	1001	1373	1517
57.5°	832	874	1108	1433	1543
60°	870	940	1183	1445	1542
62.5°	907	992	1199	1498	1641
65°	941	1016	1223	1574	1702
67.5°	969	1028	1223	1508	1601
70°	992	1013	1152	1389	1477
72.5°	987	951	1035	1243	1294
75°	940	842	912	1046	1097
77.5°	822	705	743	843	876
80°	651	550	572	636	646
82.5°	459	395	403	452	459
85°	270	243	235	279	293
87.5°	80	70	69	84	93
90°	0	0	0	0	0

(END OF REPORT)