

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: P198118

Luminaire Tested: **TT-C3-LED-E1-RW-SG-MS/DIM**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P198118
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P34700)
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-SG-MS/DIM
Description: TOPTIER LED PARKING GARAGE LUMINAIRE
RECTANGULAR DISTRIBUTION WITH SOFTENING GLASS LENS AND DIMMING OCCUPANCY
SENSOR
Light Source: (168) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4607.4 lumens
Efficiency: N/A
Efficacy: 102.4 lumens/watt
Luminous Opening: Circular (Dia: 1.12' x H: 0')
IES Classification: Type III - Short - Full Cutoff
BUG Rating: B2 - U0 - G2

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



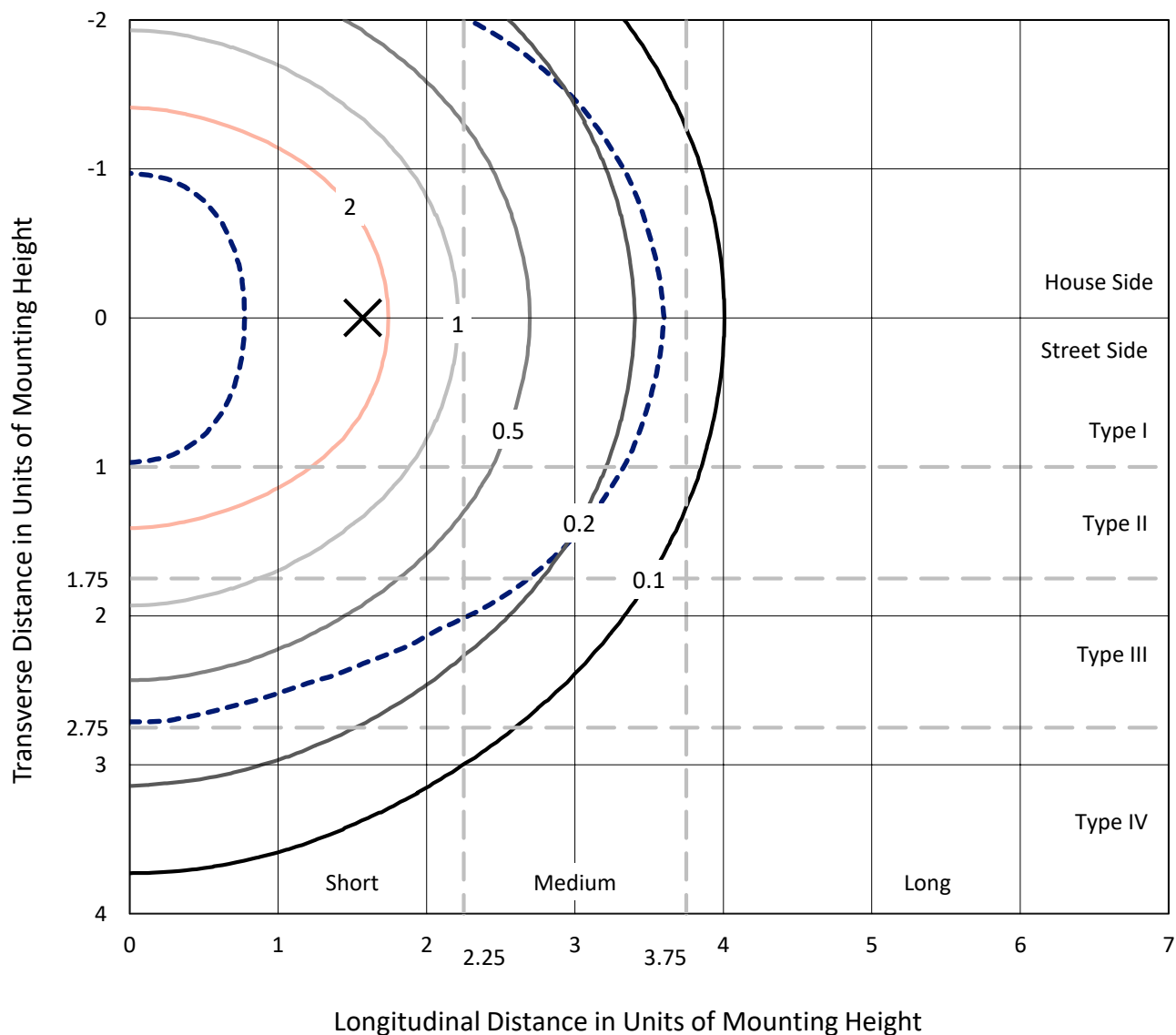
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

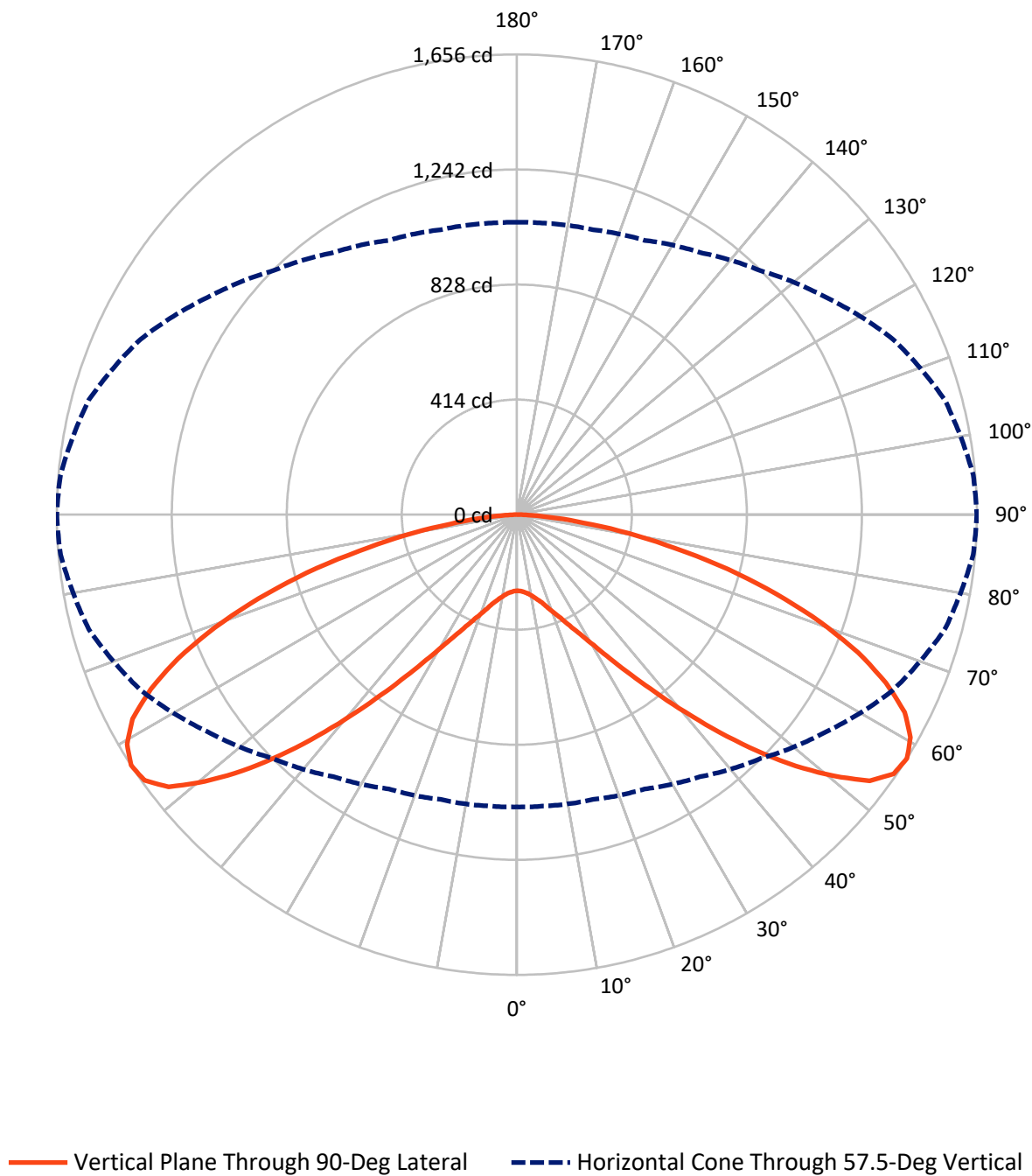


Based on 10 foot mounting height. Maximum calculated value = 4.3 fc
 Type III - Short - Full Cutoff

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Luminous Intensity Polar Plot



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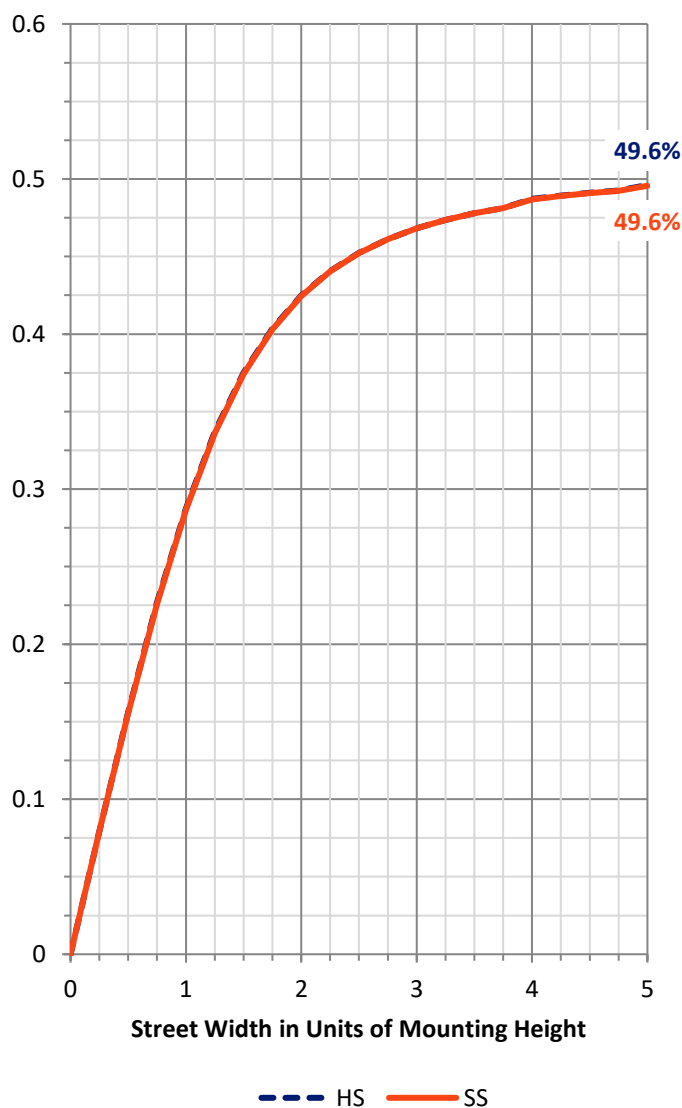
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2303.7	0.0	2303.7
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2303.7	0.0	2303.7
	% Fixture	50.0	0.0	50.0
Total	Lumens	4607.4	0.0	4607.4
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	27.2	0.6
10°-20°	94.1	2.0
20°-30°	205.2	4.5
30°-40°	412.0	8.9
40°-50°	769.3	16.7
50°-60°	1133.1	24.6
60°-70°	1141.5	24.8
70°-80°	681.4	14.8
80°-90°	143.6	3.1
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°	4607.4	100.0
0°-180°	4607.4	100.0

Coefficient of Utilization



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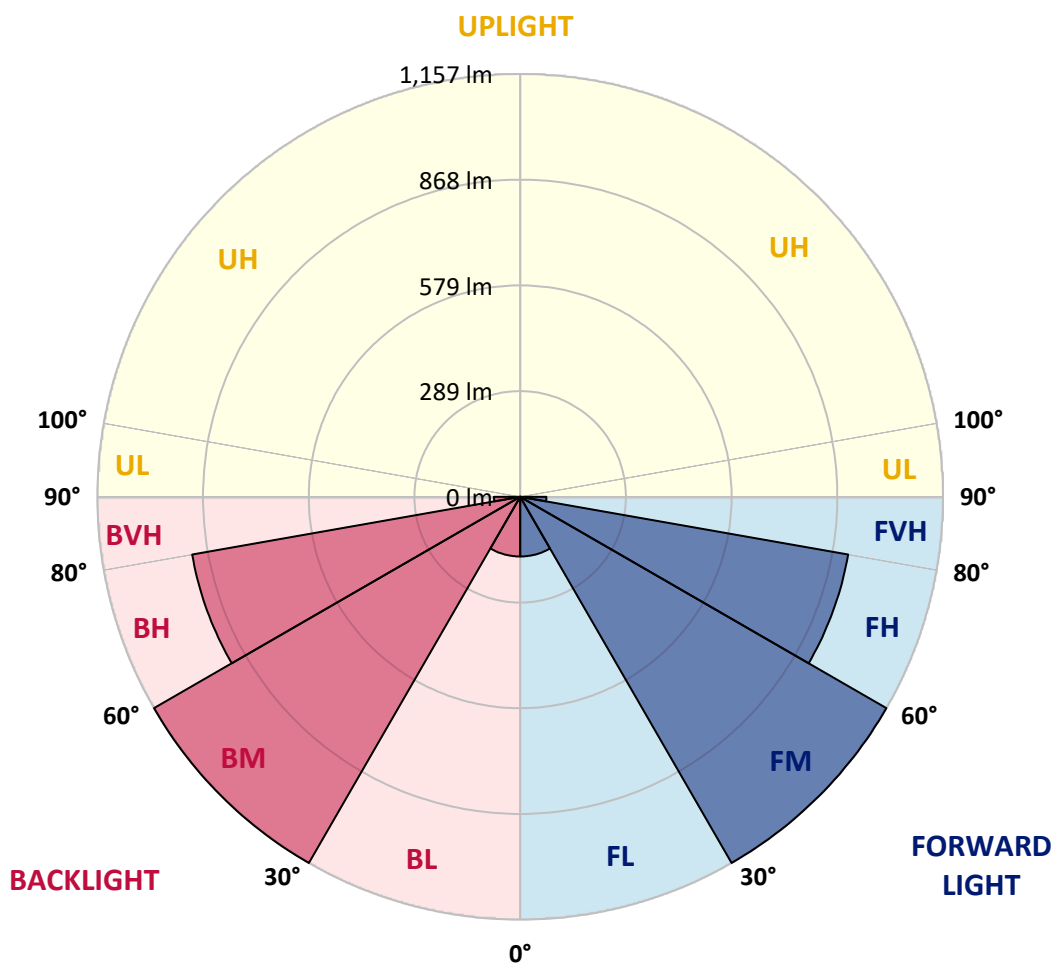
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	163.2	3.5			
FM	(30°-60°)	1157.2	25.1			
FH	(60°-80°)	911.5	19.8			G1/1800
FVH	(80°-90°)	71.8	1.6			G1/100
BL	(0°-30°)	163.2	3.5	B1/500		
BM	(30°-60°)	1157.2	25.1	B2/2500		
BH	(60°-80°)	911.5	19.8	B2/1000		G2/1000
BVH	(80°-90°)	71.8	1.6			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2

Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	274	274	274	274	274	274	274	274	274	274	274
2.5°	276	276	276	276	276	275	276	275	275	275	275
5°	279	279	279	280	280	280	280	279	280	279	280
7.5°	286	286	286	286	286	286	287	286	287	286	286
10°	295	295	295	295	296	296	296	297	297	297	297
12.5°	308	308	308	308	308	308	309	309	310	310	310
15°	325	325	324	324	324	325	325	327	326	326	326
17.5°	346	345	345	345	345	345	345	347	347	347	348
20°	369	371	370	368	368	368	369	371	371	374	375
22.5°	401	402	400	399	396	396	399	400	404	403	404
25°	435	434	433	431	431	431	433	436	439	442	442
27.5°	473	472	471	470	468	471	473	480	482	489	487
30°	515	516	514	513	512	513	521	531	539	544	545
32.5°	562	563	562	560	562	567	577	590	606	615	618
35°	614	616	614	616	618	627	645	665	693	701	706
37.5°	670	668	667	670	679	698	723	758	787	811	811
40°	726	727	728	728	745	771	812	859	902	933	934
42.5°	786	786	786	795	816	857	910	979	1038	1067	1071
45°	847	851	853	865	896	948	1018	1101	1176	1215	1213
47.5°	907	912	916	934	976	1032	1119	1219	1304	1348	1352
50°	969	966	974	996	1043	1115	1208	1323	1420	1474	1478
52.5°	1010	1009	1017	1040	1095	1176	1283	1414	1519	1575	1591
55°	1039	1038	1047	1074	1134	1220	1336	1474	1580	1638	1646
57.5°	1052	1053	1061	1089	1151	1241	1361	1494	1595	1649	1656
60°	1050	1051	1058	1085	1146	1233	1349	1474	1570	1620	1628
62.5°	1029	1028	1034	1057	1111	1192	1303	1421	1512	1558	1567
65°	985	984	984	1004	1050	1119	1224	1329	1414	1458	1460
67.5°	913	913	911	923	957	1024	1114	1210	1279	1320	1326
70°	816	818	811	818	846	899	979	1056	1110	1157	1160
72.5°	710	702	699	701	722	756	825	890	940	972	978
75°	573	573	571	568	580	614	660	713	755	777	785
77.5°	439	443	437	437	446	472	512	541	571	586	582
80°	312	311	308	306	316	331	363	380	389	403	409
82.5°	193	195	198	189	193	207	224	233	237	243	242
85°	95	96	97	98	98	103	113	117	120	123	121
87.5°	35	33	32	32	32	33	38	37	39	39	41
90°	0	0	0	0	0	0	0	0	0	0	0

(END OF REPORT)