

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: P887709

Luminaire Tested: **TT-D3-740-U-MQ-TC**

Issue Date: 10/9/2024

Test Information

Test Method: LM-79-08
Report Number: P887709
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2409-238-2)
Test Lab: INNOVATION CENTER
Issue Date: 10/9/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: TT-D3-740-U-MQ-TC
Description: MQ
4000K, 70 CRI LEDS, MEDIUM DISTRIBUTION AND TOTALCOMFORT ACCESSORY
Light Source:
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5555 lumens
Efficiency: N/A
Efficacy: 117.7 lumens/watt
Luminous Opening: Circular (Dia: 1.12' x H: 0')
IES Classification: Type V - Short
BUG Rating: B2 - U0 - G1

Input Watts (W): 47.2
Input Voltage (V): 120.0
Input Current (Ain): 0.39
Voltage Rise (V): NR
Power Factor: 0.989
Total Harmonic Distortion (THDi): 12.9%
Frequency (hertz): 60
Stabilization Time: HR
Operation Time: HR
Ambient Temperature (°C): NR
Test Distance: 24 FT

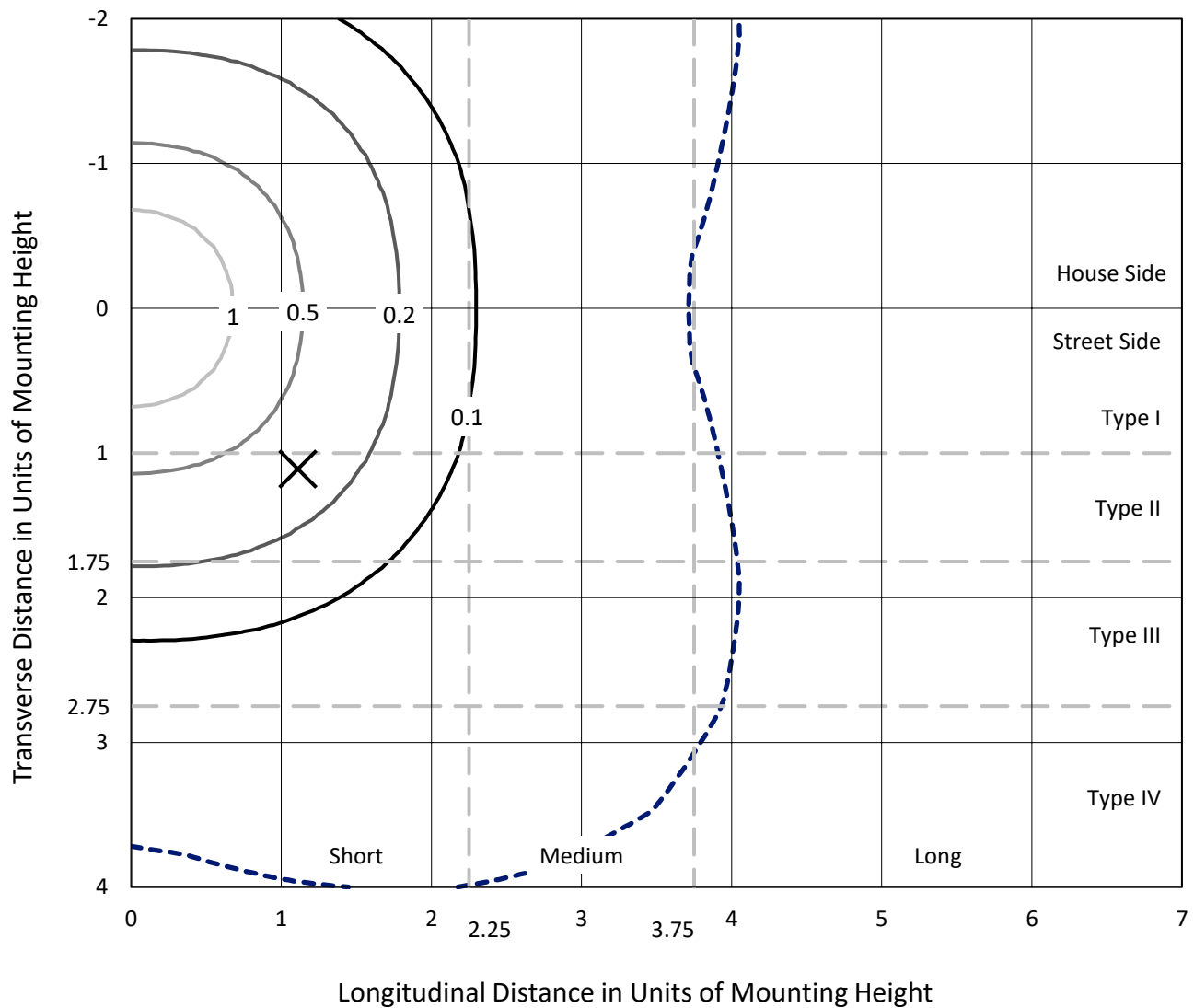


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Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

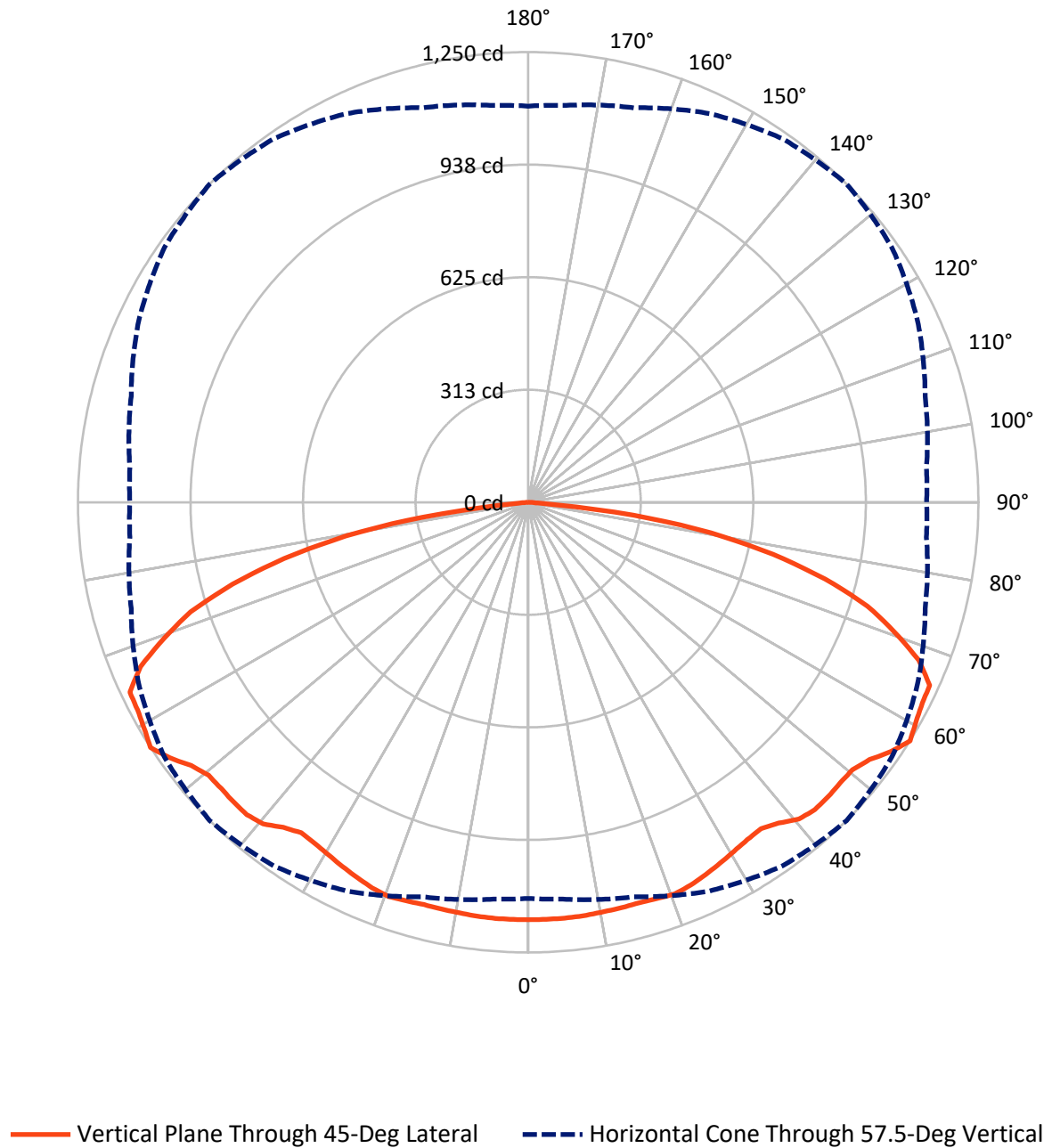


Based on 25 foot mounting height. Maximum calculated value = 1.9 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



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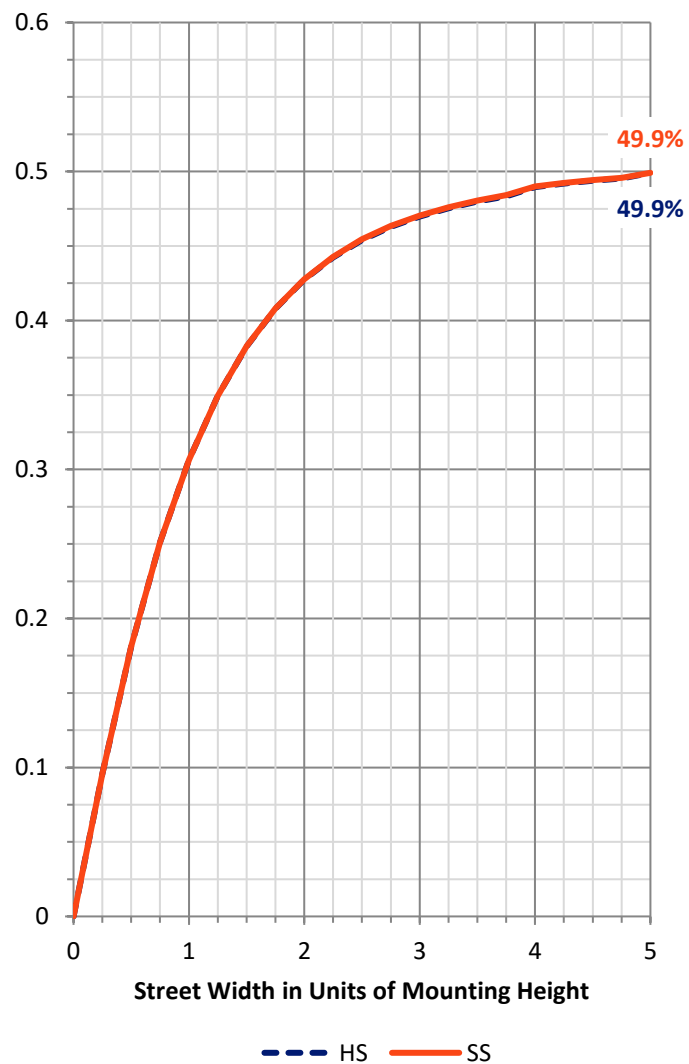
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2777.5	0.0	2777.5
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2777.5	0.0	2777.5
	% Fixture	50.0	0.0	50.0
Total	Lumens	5555.0	0.0	5555.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	110.6	2.0
10°-20°	327.4	5.9
20°-30°	527.8	9.5
30°-40°	700.4	12.6
40°-50°	879.8	15.8
50°-60°	1037.5	18.7
60°-70°	1089.0	19.6
70°-80°	765.5	13.8
80°-90°	117.1	2.1
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°	5555.0	100.0
0°-180°	5555.0	100.0

Coefficient of Utilization



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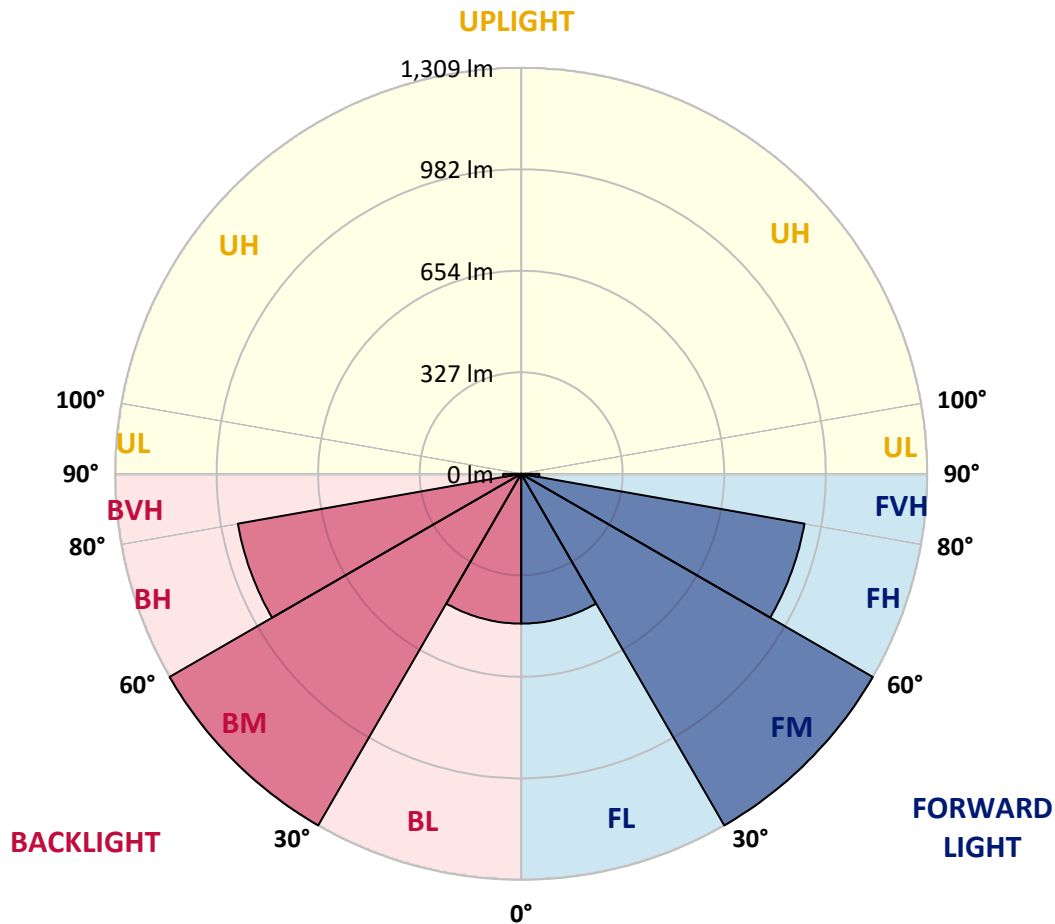
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	482.9	8.7			
FM	(30°-60°)	1308.8	23.6			
FH	(60°-80°)	927.3	16.7			G1/1800
FVH	(80°-90°)	58.5	1.1			G1/100
BL	(0°-30°)	482.9	8.7	B1/500		
BM	(30°-60°)	1308.8	23.6	B2/2500		
BH	(60°-80°)	927.3	16.7	B2/1000		G1/1800
BVH	(80°-90°)	58.5	1.1			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G1

Type V Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	1159	1159	1159	1159	1159	1159	1159	1159	1159	1159	1159
2.5°	1160	1160	1160	1159	1158	1159	1158	1159	1159	1159	1160
5°	1160	1160	1160	1159	1159	1159	1159	1159	1159	1159	1159
7.5°	1159	1159	1158	1158	1158	1158	1158	1158	1158	1158	1158
10°	1158	1158	1157	1157	1156	1156	1156	1157	1157	1157	1157
12.5°	1155	1156	1156	1155	1155	1155	1154	1155	1155	1154	1154
15°	1153	1154	1154	1154	1154	1154	1153	1154	1153	1153	1153
17.5°	1153	1153	1154	1155	1156	1157	1155	1155	1153	1152	1152
20°	1155	1155	1156	1157	1160	1161	1160	1157	1156	1154	1154
22.5°	1149	1150	1151	1151	1153	1155	1154	1152	1150	1149	1149
25°	1141	1141	1141	1143	1145	1145	1144	1143	1141	1140	1140
27.5°	1130	1129	1130	1132	1134	1135	1134	1133	1130	1130	1129
30°	1118	1117	1119	1121	1124	1125	1124	1122	1119	1118	1117
32.5°	1106	1106	1108	1111	1115	1117	1115	1113	1108	1106	1106
35°	1095	1095	1100	1106	1111	1113	1111	1108	1102	1097	1097
37.5°	1096	1098	1105	1119	1127	1130	1128	1119	1109	1101	1098
40°	1111	1113	1125	1139	1152	1157	1153	1141	1127	1115	1113
42.5°	1112	1113	1127	1145	1160	1167	1162	1147	1130	1116	1114
45°	1104	1107	1123	1144	1160	1167	1160	1147	1126	1110	1109
47.5°	1096	1098	1116	1139	1158	1165	1159	1141	1118	1101	1100
50°	1090	1092	1108	1138	1159	1167	1160	1141	1113	1096	1095
52.5°	1088	1090	1116	1148	1180	1187	1179	1150	1120	1094	1094
55°	1093	1094	1129	1177	1207	1222	1209	1178	1136	1102	1098
57.5°	1100	1106	1134	1191	1232	1250	1233	1193	1141	1110	1106
60°	1076	1085	1124	1173	1220	1237	1223	1179	1124	1084	1083
62.5°	1033	1037	1090	1152	1206	1228	1209	1161	1094	1052	1047
65°	1021	1026	1064	1141	1197	1225	1206	1147	1070	1025	1021
67.5°	948	959	1014	1082	1145	1169	1151	1099	1014	959	951
70°	861	874	926	1001	1054	1079	1057	1015	925	872	863
72.5°	760	768	828	889	955	985	957	903	825	761	757
75°	621	635	702	758	820	852	831	768	694	625	620
77.5°	475	480	549	614	666	695	678	618	542	474	468
80°	315	319	374	433	483	515	495	441	358	309	302
82.5°	136	139	172	222	267	295	279	228	158	128	121
85°	11	10	11	13	13	27	23	20	8	10	8
87.5°	0	0	0	0	0	0	0	0	0	0	0
90°	0	0	0	0	0	0	0	0	0	0	0

(END OF REPORT)