

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: P197565

Luminaire Tested: **TT-C3-LED-E1-5CQ-PM-8030**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P197565
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P33411)
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-E1-5CQ-PM-8030
Description: TOPTIER LED AREA/SITE LUMINAIRE
CONCENTRATED DISTRIBUTION
Light Source: (168) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5255.7 lumens
Efficiency: N/A
Efficacy: 116.8 lumens/watt
Luminous Opening: Circular (Dia: 1.12' x H: 0')
IES Classification: Type V - Short - Full Cutoff
BUG Rating: B2 - U0 - G1

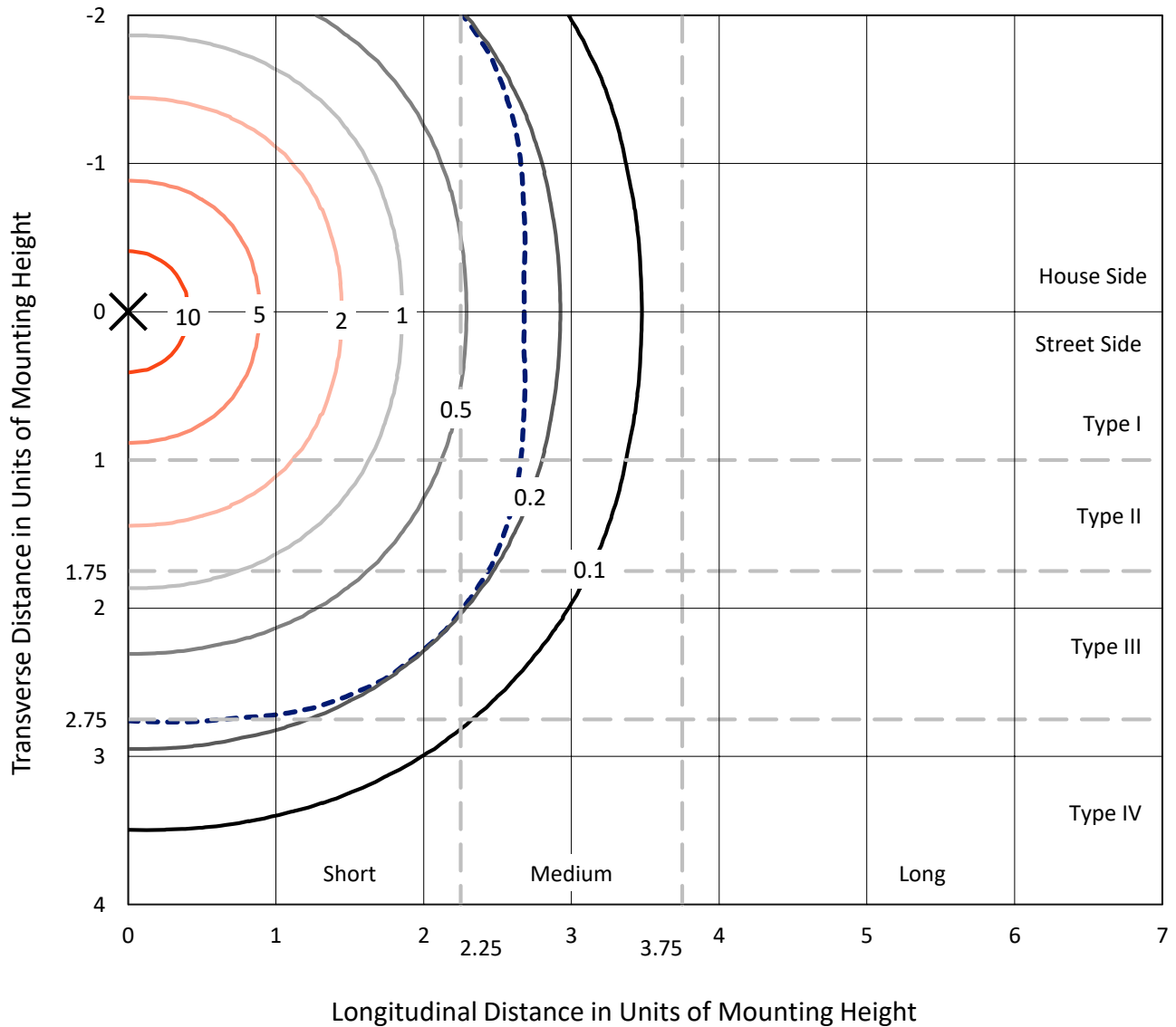
Input Watts (W): 45
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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Iso-Footcandle Lines of Horizontal Illumination

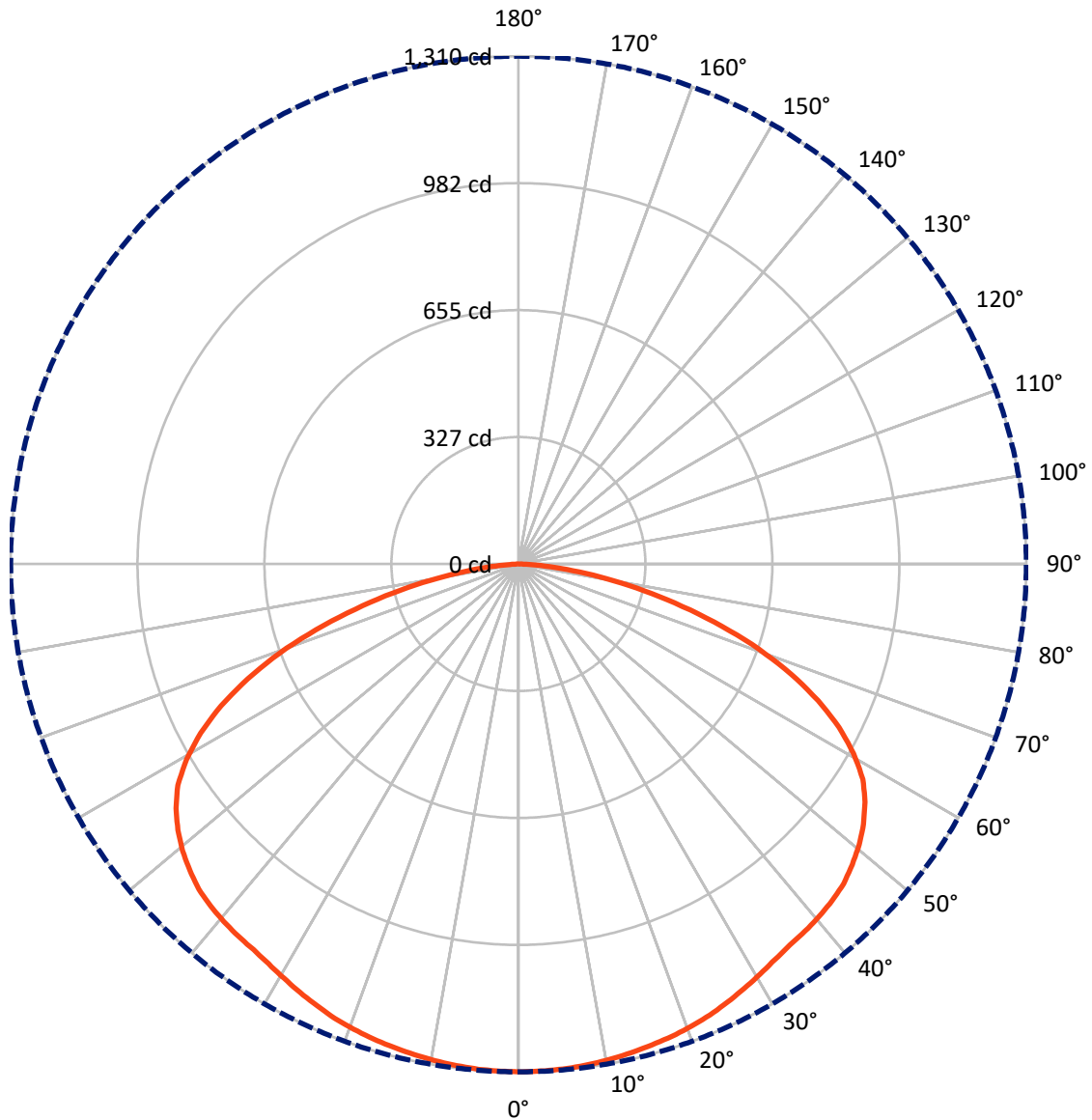
✕ Max cd
 - - - 1/2 Max cd



Based on 10 foot mounting height. Maximum calculated value = 13.1 fc
 Type V - Short - Full Cutoff

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Luminous Intensity Polar Plot



— Vertical Plane Through 0-Deg Lateral - - - Horizontal Cone Through 0-Deg Vertical

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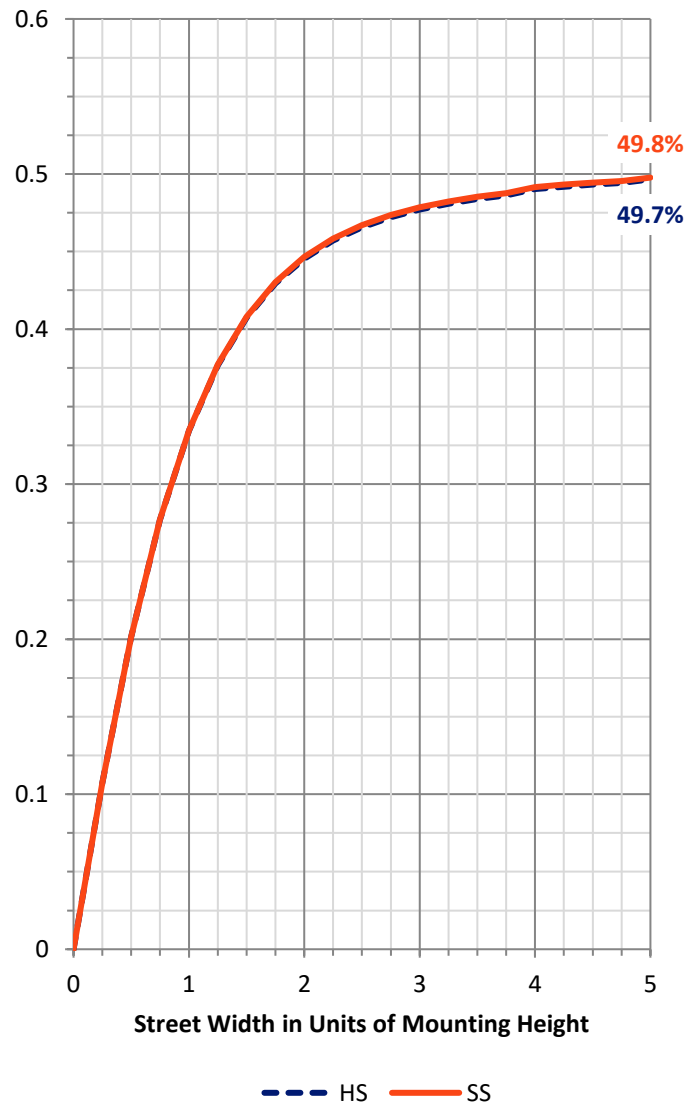
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2627.8	0.0	2627.8
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	2627.8	0.0	2627.8
	% Fixture	50.0	0.0	50.0
Total	Lumens	5255.7	0.0	5255.7
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	124.5	2.4
10°-20°	364.5	6.9
20°-30°	579.8	11.0
30°-40°	766.9	14.6
40°-50°	935.8	17.8
50°-60°	1010.6	19.2
60°-70°	875.2	16.7
70°-80°	496.2	9.4
80°-90°	102.1	1.9
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°	5255.7	100.0
0°-180°	5255.7	100.0



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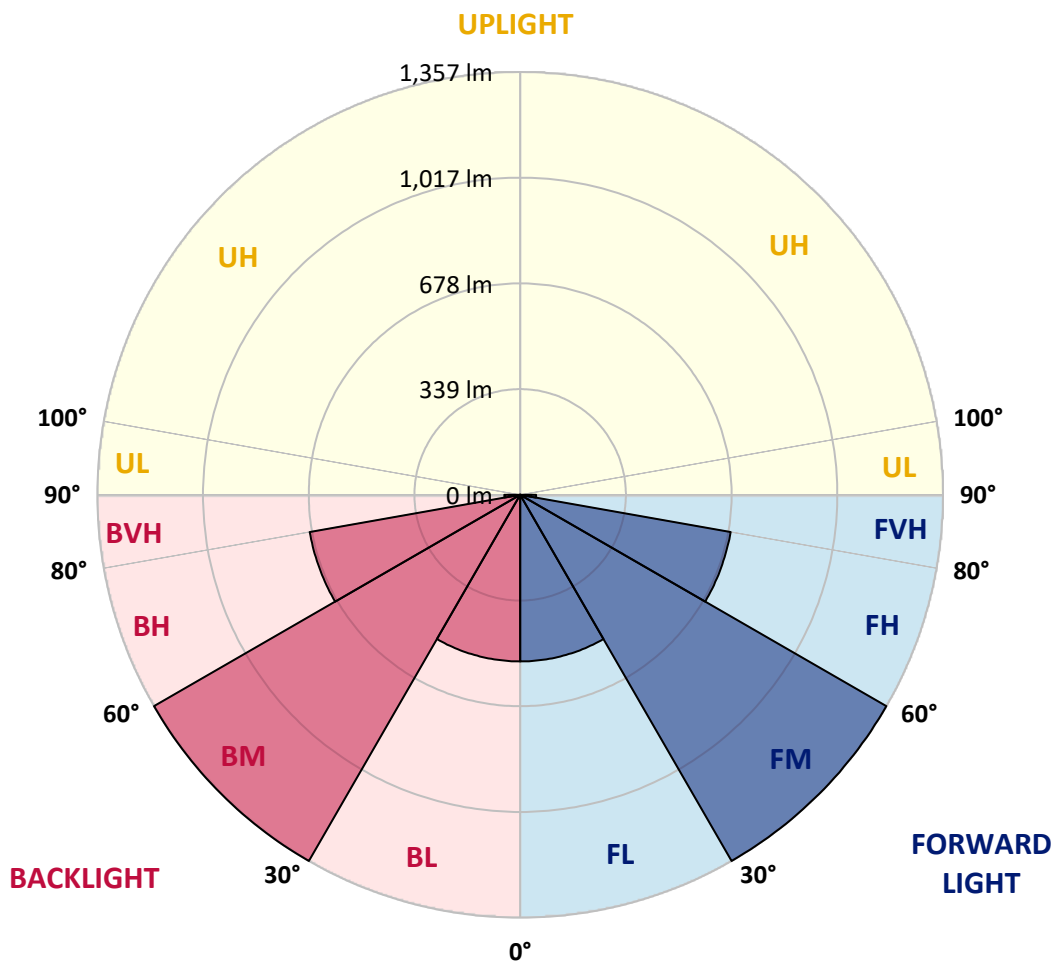
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	534.4	10.2			
FM (30°-60°)	1356.7	25.8			
FH (60°-80°)	685.7	13.0			G1/1800
FVH (80°-90°)	51.0	1.0			G1/100
BL (0°-30°)	534.4	10.2	B2/1000		
BM (30°-60°)	1356.7	25.8	B2/2500		
BH (60°-80°)	685.7	13.0	B2/1000		G1/1800
BVH (80°-90°)	51.0	1.0			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°	1309.8	1309.8	1309.8	1309.8	1309.8	1309.8	1309.8	1309.8	1309.8	1309.8	1309.8
2.5°	1308.9	1308.9	1308.9	1308.9	1308.9	1308.9	1308.9	1308.9	1308.9	1308.9	1308.9
5°	1307.1	1307.1	1307.1	1307.1	1307.1	1307.1	1307.1	1307.1	1307.1	1307.1	1307.1
7.5°	1303.5	1303.5	1303.5	1303.5	1303.5	1304.4	1303.5	1303.5	1303.5	1303.5	1304.4
10°	1299.0	1299.0	1299.8	1299.8	1299.0	1299.0	1299.0	1299.0	1299.0	1299.0	1299.0
12.5°	1293.5	1293.5	1293.5	1293.5	1293.5	1293.5	1293.5	1293.5	1292.6	1292.6	1292.6
15°	1287.2	1287.2	1287.2	1288.0	1288.0	1288.0	1288.0	1287.2	1286.3	1285.3	1286.3
17.5°	1280.9	1280.9	1281.8	1282.6	1282.6	1282.6	1282.6	1280.9	1279.9	1279.0	1279.0
20°	1272.7	1273.6	1273.6	1274.5	1275.4	1275.4	1275.4	1274.5	1272.7	1270.9	1270.9
22.5°	1263.7	1264.5	1265.5	1266.4	1267.3	1266.4	1266.4	1265.5	1263.7	1262.7	1261.8
25°	1251.9	1251.9	1253.7	1255.6	1256.4	1256.4	1256.4	1254.6	1252.8	1251.9	1251.0
27.5°	1240.2	1240.2	1241.9	1244.6	1245.6	1246.5	1244.6	1243.8	1241.1	1239.2	1239.2
30°	1227.5	1227.5	1230.2	1233.8	1236.5	1237.4	1236.5	1232.9	1229.3	1227.5	1227.5
32.5°	1215.7	1216.6	1219.3	1224.7	1229.3	1231.1	1230.2	1225.7	1221.1	1217.6	1216.6
35°	1206.6	1207.6	1213.0	1219.3	1226.6	1229.3	1226.6	1222.0	1214.9	1209.4	1209.4
37.5°	1201.2	1201.2	1208.5	1219.3	1227.5	1231.1	1227.5	1221.1	1211.2	1203.9	1203.9
40°	1194.9	1196.7	1205.8	1219.3	1231.1	1236.5	1232.0	1223.0	1210.3	1201.2	1200.4
42.5°	1186.7	1189.4	1199.4	1217.6	1232.0	1240.2	1235.6	1224.7	1209.4	1199.4	1198.5
45°	1175.9	1176.8	1189.4	1211.2	1230.2	1241.1	1237.4	1223.9	1206.6	1194.9	1193.1
47.5°	1158.7	1160.5	1175.9	1201.2	1224.7	1236.5	1233.8	1218.4	1196.7	1183.2	1180.4
50°	1138.8	1140.6	1158.7	1187.7	1213.9	1227.5	1223.0	1203.9	1180.4	1162.4	1160.5
52.5°	1114.4	1118.0	1137.9	1170.5	1198.5	1211.2	1203.9	1179.6	1152.4	1132.5	1130.7
55°	1084.6	1088.1	1110.8	1145.2	1173.2	1183.2	1173.2	1144.3	1115.3	1092.7	1088.1
57.5°	1047.4	1050.1	1071.9	1108.0	1135.2	1143.3	1130.7	1100.8	1066.5	1042.0	1039.3
60°	993.2	996.8	1022.1	1055.7	1082.7	1092.7	1080.0	1043.9	1006.7	982.4	981.4
62.5°	928.1	934.4	956.1	992.2	1016.7	1030.3	1013.1	976.0	938.9	910.9	910.9
65°	849.4	853.9	877.4	912.7	936.2	948.0	930.8	896.5	855.7	831.3	828.6
67.5°	758.9	762.6	783.4	819.5	844.8	854.8	835.8	803.3	765.3	739.0	736.3
70°	658.5	664.0	679.3	712.8	735.4	740.8	726.3	695.6	661.3	637.7	635.9
72.5°	549.0	553.6	573.5	599.7	617.8	619.6	610.6	588.0	552.7	533.7	531.0
75°	436.9	444.2	461.3	483.9	497.5	497.5	492.1	475.8	445.0	430.5	430.5
77.5°	331.1	334.6	352.8	368.2	379.0	384.4	378.1	363.6	339.2	329.2	323.8
80°	230.6	234.3	242.4	254.2	265.0	268.6	261.4	249.7	236.1	228.9	225.2
82.5°	141.1	144.7	149.2	155.6	162.8	166.5	161.9	154.7	143.0	142.0	141.1
85°	67.9	69.7	73.3	75.1	78.7	79.6	80.5	76.8	73.3	68.7	70.6
87.5°	20.8	20.8	21.7	22.6	24.5	24.5	24.5	23.5	21.7	20.8	20.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)