

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: P382138

Luminaire Tested: **TT-D6-740-U-5WQ-PM**

Issue Date: 2/12/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P382138  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1908-473-14)  
Test Lab: INNOVATIONS CENTER  
Issue Date: 2/12/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: TT-D6-740-U-5WQ-PM  
Description: TOPTIER LED SITE LUMINAIRE  
4000K, 70 CRI LEDS AND WIDE DISTRIBUTION  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

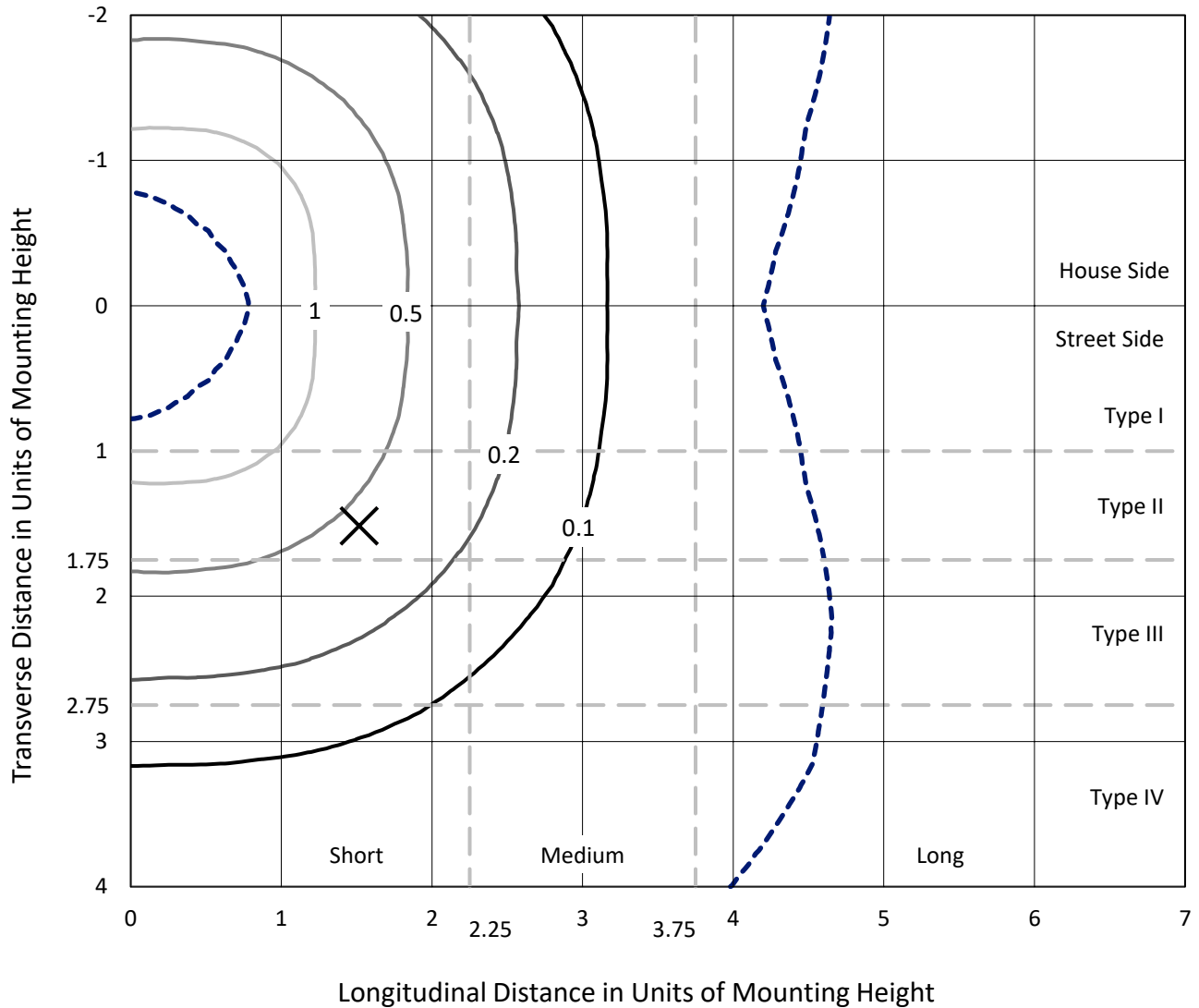
Lumens per Lamp: N/A  
Luminaire Lumens: 12535 lumens  
Efficiency: N/A  
Efficacy: 119.2 lumens/watt  
Luminous Opening: Circular (Dia: 1.12' x H: 0')  
IES Classification: Type V - Short  
BUG Rating: B4 - U0 - G3  
  
Input Watts (W): 105.2  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage 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



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### Iso-Footcandle Lines of Horizontal Illumination

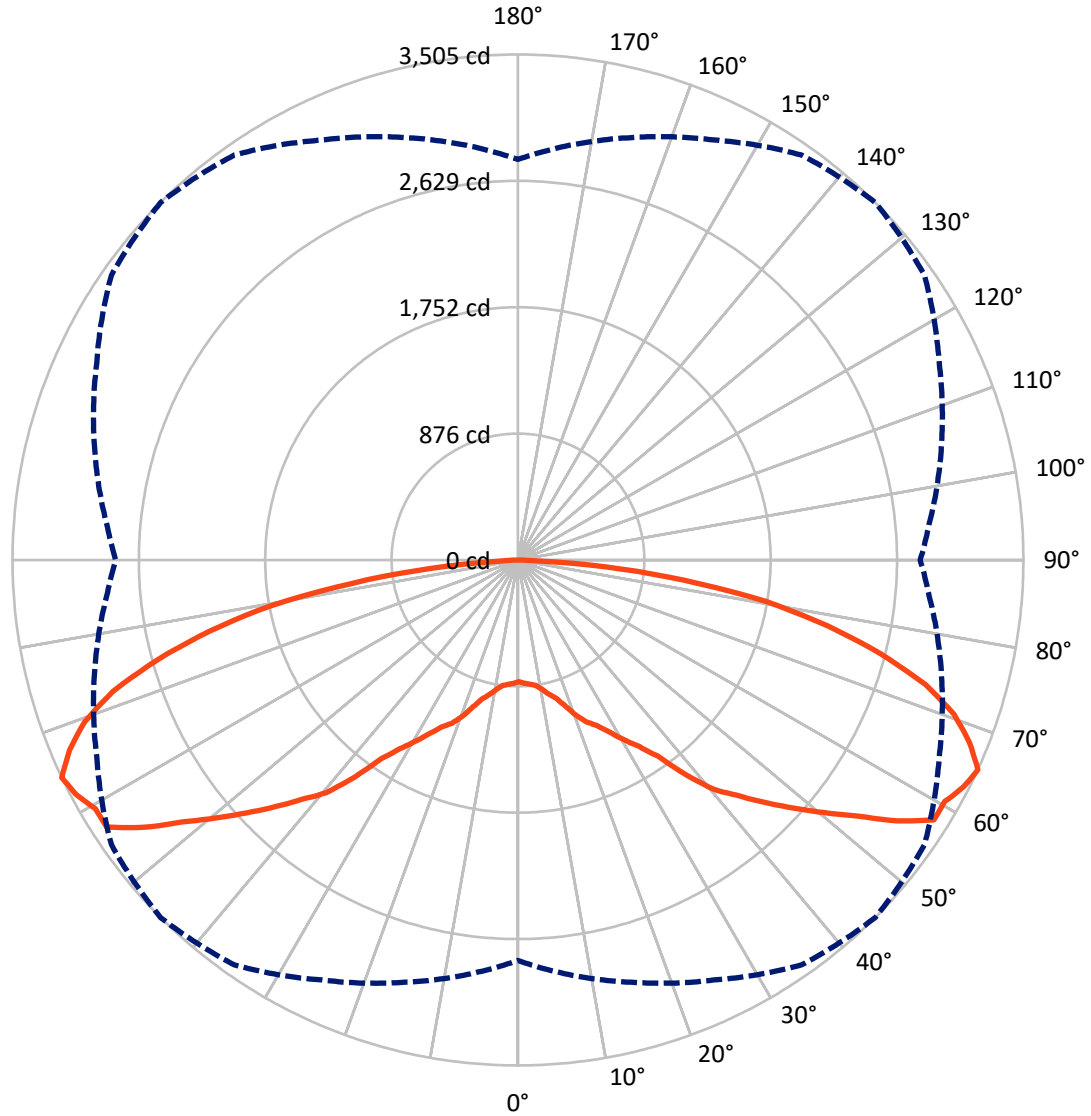
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 1.5 fc  
 Type V - Short - N/A

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### Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral      - - - Horizontal Cone Through 65-Deg Vertical

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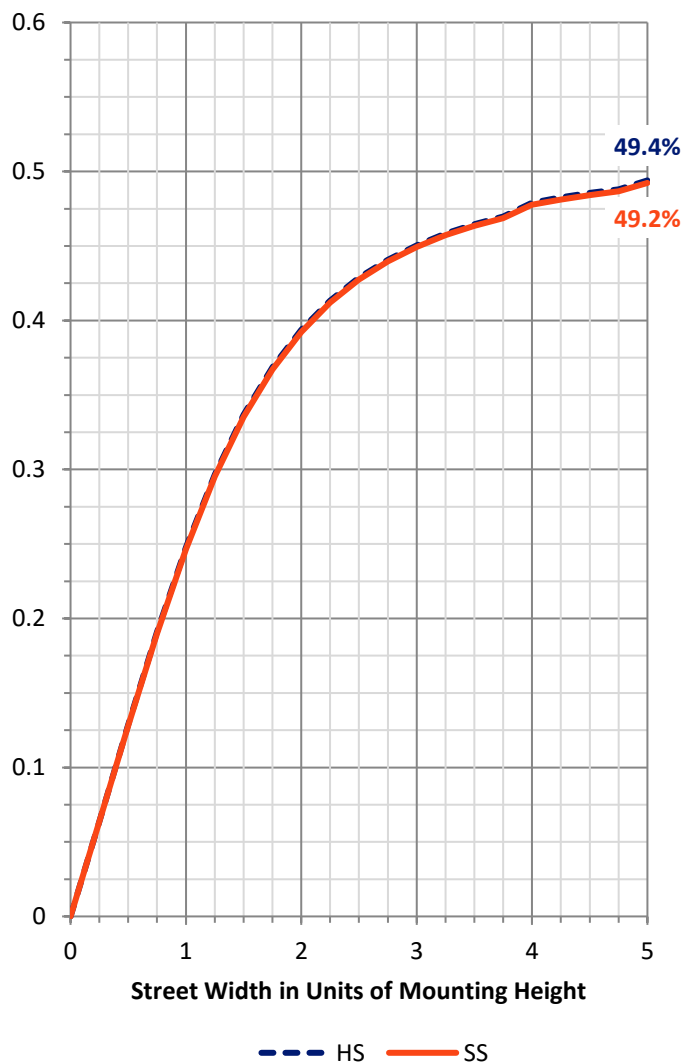
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	6267.5	0.0	6267.5
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	6267.5	0.0	6267.5
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	12535.0	0.0	12535.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	84.1	0.7
10°-20°	289.4	2.3
20°-30°	594.1	4.7
30°-40°	1055.5	8.4
40°-50°	1779.3	14.2
50°-60°	2624.8	20.9
60°-70°	3080.4	24.6
70°-80°	2399.9	19.1
80°-90°	627.4	5.0
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°	12535.0	100.0
0°-180°	12535.0	100.0

**Coefficient of Utilization**

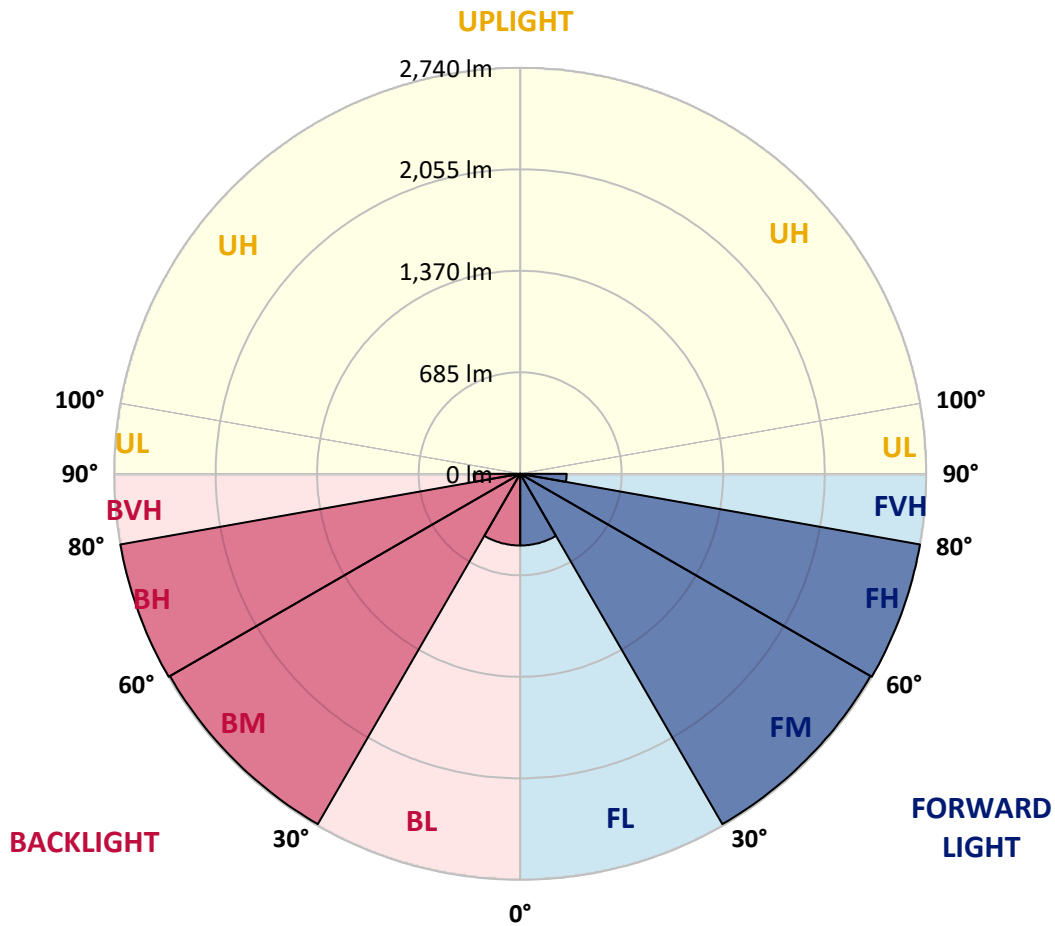


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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	483.8	3.9			
FM (30°-60°)	2729.8	21.8			
FH (60°-80°)	2740.2	21.9			G2/5000
FVH (80°-90°)	313.7	2.5			G3/500
BL (0°-30°)	483.8	3.9	B1/500		
BM (30°-60°)	2729.8	21.8	B3/5000		
BH (60°-80°)	2740.2	21.9	B4/5000		G2/5000
BVH (80°-90°)	313.7	2.5			G3/500
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B4-U0-G3**  
 Type V Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	843.6	843.6	843.6	843.6	843.6	843.6	843.6	843.6	843.6	843.6	843.6
2.5°	857.4	857.4	857.4	855.5	855.5	855.5	855.5	857.4	857.4	857.4	857.4
5°	877.2	877.2	873.2	869.3	865.3	865.3	867.3	869.3	871.2	875.2	875.2
7.5°	889.0	889.0	887.0	883.1	877.2	877.2	879.1	883.1	885.0	885.0	883.1
10°	904.7	906.7	912.6	914.6	910.7	910.7	912.6	914.6	910.7	904.7	904.7
12.5°	942.2	944.2	952.1	958.0	958.0	954.0	956.0	959.9	950.1	940.2	942.2
15°	995.4	995.4	997.4	1003.3	999.4	995.4	999.4	1001.3	995.4	993.5	997.4
17.5°	1066.4	1066.4	1054.6	1064.4	1066.4	1064.4	1068.4	1058.5	1052.6	1060.5	1064.4
20°	1143.3	1135.4	1129.5	1137.3	1153.1	1147.2	1155.1	1133.4	1127.5	1131.4	1133.4
22.5°	1192.5	1198.4	1202.4	1206.3	1228.0	1220.1	1228.0	1204.4	1200.4	1192.5	1186.6
25°	1251.7	1257.6	1281.2	1269.4	1283.2	1271.4	1281.2	1267.4	1275.3	1251.7	1251.7
27.5°	1318.7	1330.5	1344.3	1338.4	1356.1	1350.2	1356.1	1336.4	1338.4	1328.5	1324.6
30°	1409.4	1409.4	1405.4	1417.2	1448.8	1444.8	1446.8	1421.2	1403.4	1405.4	1413.3
32.5°	1500.0	1488.2	1494.1	1529.6	1549.3	1541.4	1545.4	1533.5	1494.1	1486.2	1492.1
35°	1584.8	1602.5	1616.3	1645.9	1673.5	1669.5	1667.6	1647.9	1622.2	1590.7	1580.8
37.5°	1716.9	1736.6	1774.0	1827.2	1876.5	1886.4	1860.7	1835.1	1776.0	1730.7	1707.0
40°	1890.3	1892.3	1935.7	2038.2	2083.5	2091.4	2077.6	2034.2	1943.5	1892.3	1890.3
42.5°	2042.1	2028.3	2099.3	2186.0	2227.4	2231.3	2221.5	2186.0	2099.3	2026.3	2040.1
45°	2160.4	2160.4	2245.1	2314.1	2381.1	2396.9	2379.2	2304.3	2247.1	2162.3	2156.4
47.5°	2268.8	2298.3	2369.3	2454.1	2548.7	2570.4	2548.7	2460.0	2363.4	2300.3	2266.8
50°	2398.9	2434.3	2485.6	2617.7	2724.1	2753.7	2722.1	2625.5	2485.6	2432.4	2412.7
52.5°	2550.6	2580.2	2661.0	2826.6	2905.4	2948.8	2923.2	2830.5	2665.0	2584.2	2568.4
55°	2732.0	2704.4	2830.5	2990.2	3136.1	3193.2	3142.0	2994.1	2850.3	2704.4	2732.0
57.5°	2824.6	2793.1	2970.5	3122.3	3325.3	3400.2	3337.1	3134.1	2970.5	2802.9	2822.7
60°	2832.5	2846.3	2980.4	3228.7	3368.7	3400.2	3380.5	3246.5	2986.3	2858.1	2820.7
62.5°	2808.9	2893.6	3007.9	3264.2	3390.3	3467.2	3400.2	3268.1	3019.8	2907.4	2810.8
65°	2777.3	2862.1	3031.6	3212.9	3427.8	3504.7	3441.6	3222.8	3039.5	2862.1	2789.2
67.5°	2722.1	2692.6	2901.5	3144.0	3331.2	3376.5	3337.1	3147.9	2899.5	2688.6	2728.0
70°	2546.7	2521.1	2700.5	2966.6	3145.9	3209.0	3161.7	2970.5	2704.4	2527.0	2550.6
72.5°	2286.5	2294.4	2467.9	2722.1	2915.3	2954.7	2929.1	2720.2	2477.7	2304.3	2272.7
75°	1983.0	2002.7	2168.2	2398.9	2574.3	2598.0	2572.3	2408.7	2166.3	2014.5	1973.1
77.5°	1630.1	1659.7	1793.7	2024.4	2140.6	2193.9	2152.5	2030.3	1803.6	1667.6	1626.2
80°	1263.5	1273.4	1368.0	1553.3	1707.0	1742.5	1703.1	1559.2	1379.8	1277.3	1247.7
82.5°	827.9	843.6	928.4	1070.3	1170.9	1161.0	1170.9	1058.5	938.3	839.7	790.4
85°	368.6	400.1	457.3	524.3	589.4	607.1	589.4	532.2	457.3	392.3	384.4
87.5°	25.6	29.6	35.5	37.5	41.4	31.5	31.5	31.5	27.6	31.5	25.6
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)