

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: P387225

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

Issue Date: 2/18/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P387225  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1908-473-17)  
Test Lab: INNOVATIONS CENTER  
Issue Date: 2/18/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: McGRAW-EDISON  
Catalog Number: TT-D6-740-U-5CQ-PM  
Description: TOPTIER LED SITE LUMINAIRE  
4000K, 70 CRI LEDS AND CONCENTRATED DISTRIBUTION  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 12387 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: B3 - U0 - G2

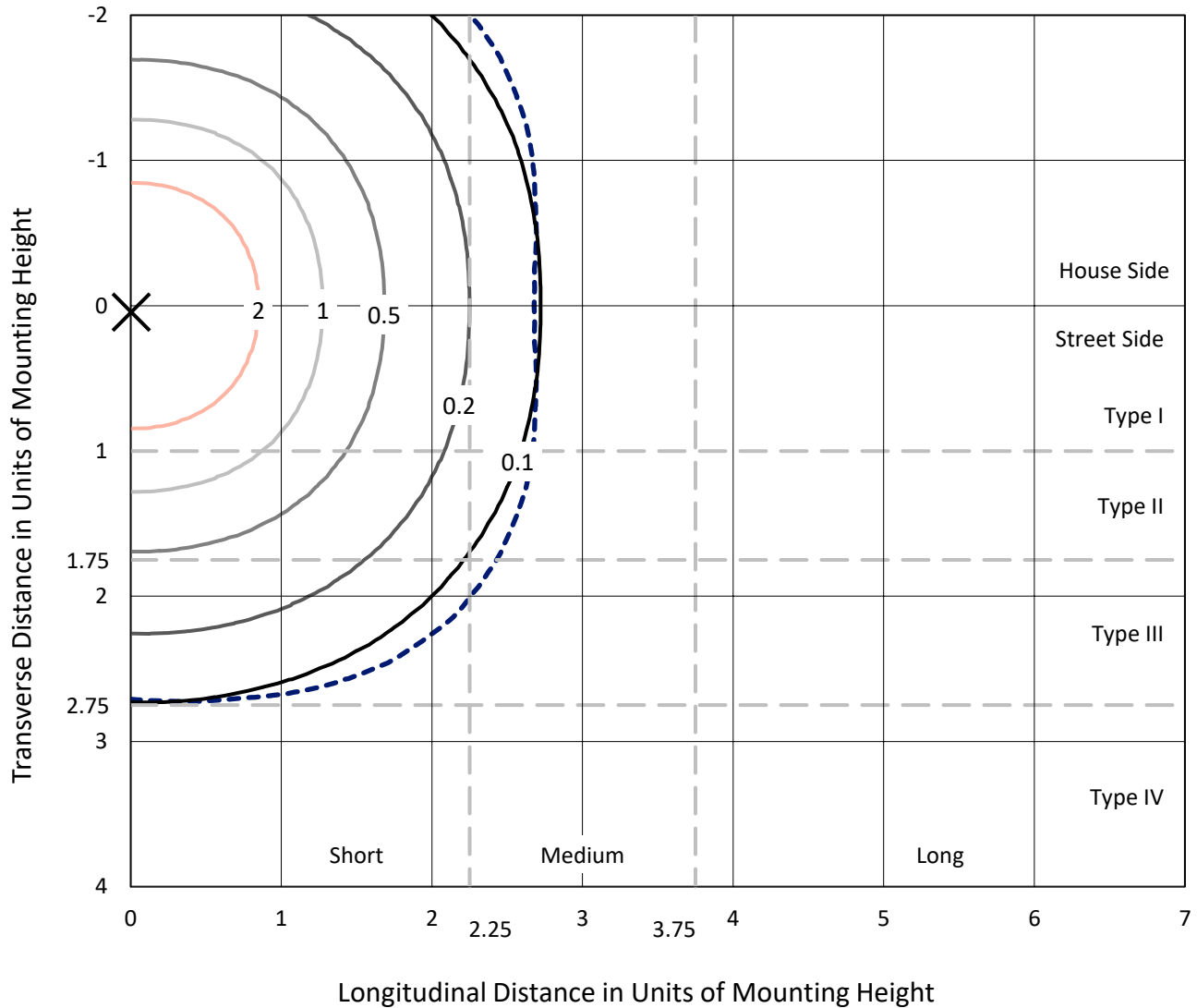
Input Watts (W): 105.2  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 28.75 FT



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### Iso-Footcandle Lines of Horizontal Illumination

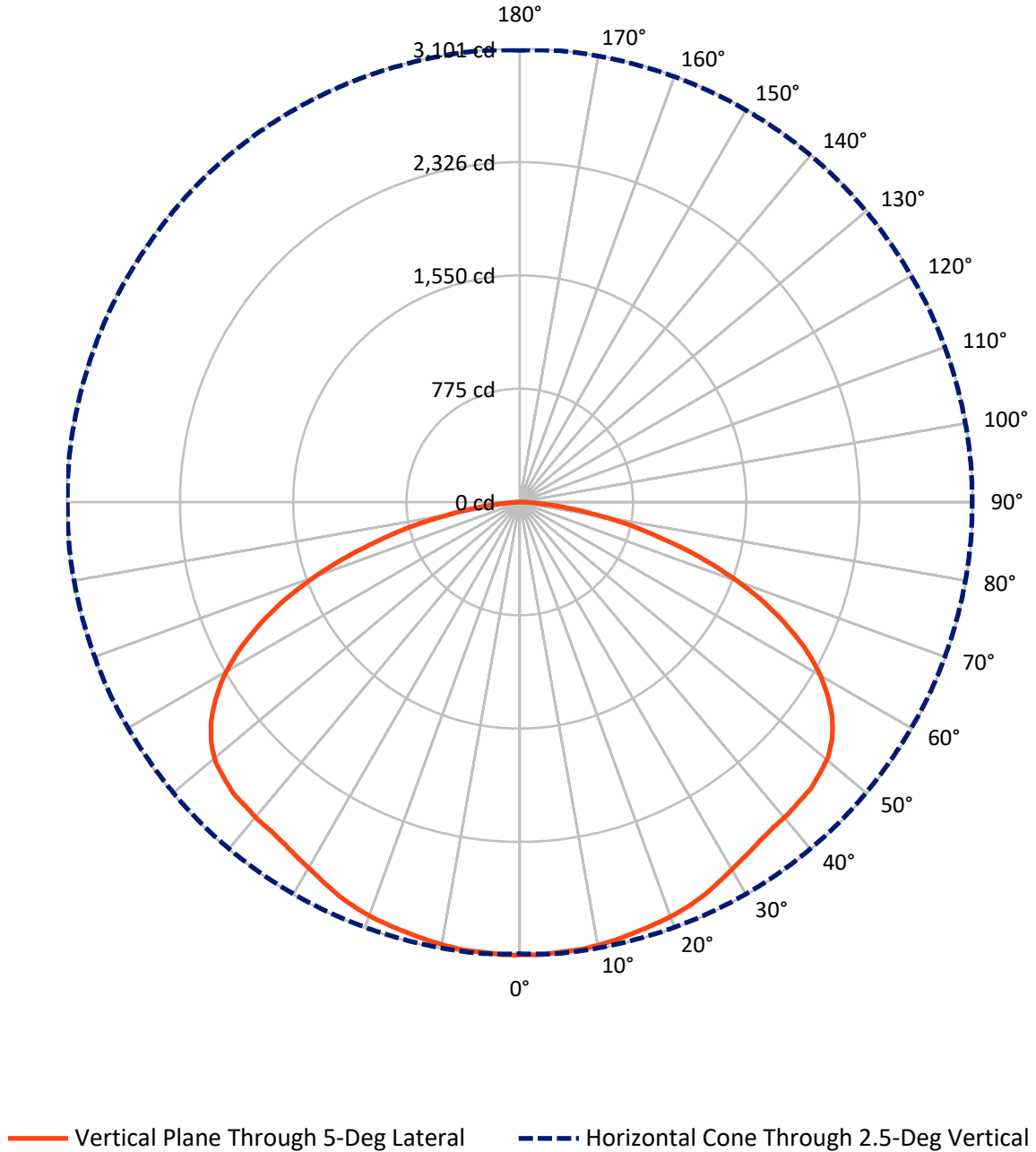
✕ Max cd  
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 5 fc  
 Type V - Short - N/A

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### Luminous Intensity Polar Plot



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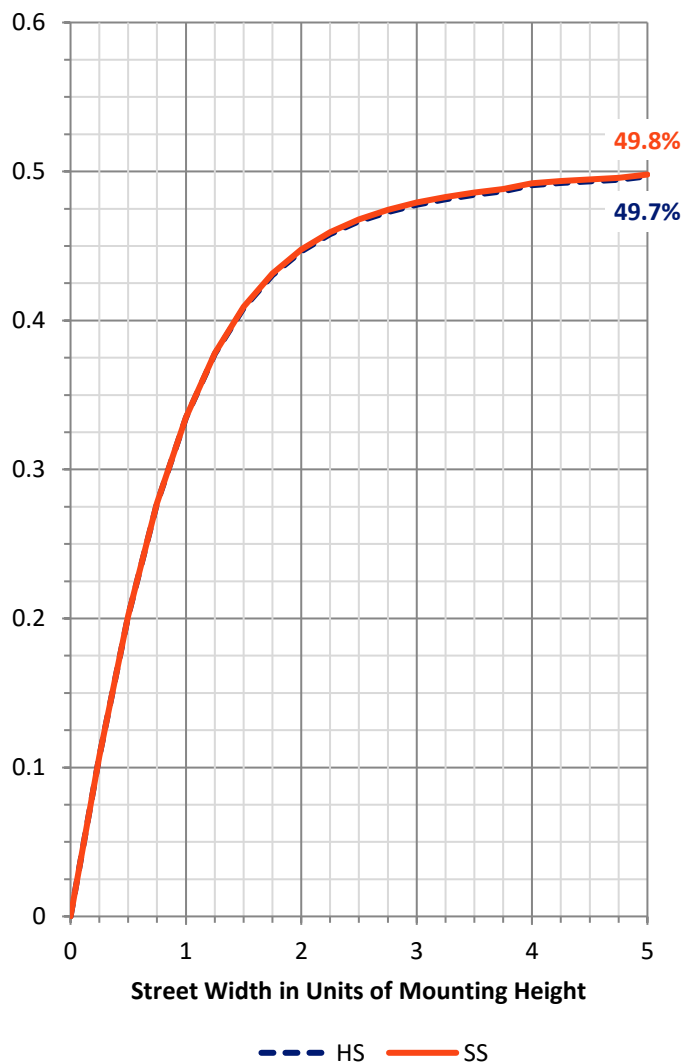
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	6193.5	0.0	6193.5
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	6193.5	0.0	6193.5
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	12387.0	0.0	12387.0
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	294.8	2.4
10°-20°	863.2	7.0
20°-30°	1372.7	11.1
30°-40°	1805.7	14.6
40°-50°	2210.1	17.8
50°-60°	2393.8	19.3
60°-70°	2059.4	16.6
70°-80°	1157.8	9.3
80°-90°	229.6	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°	12387.0	100.0
0°-180°	12387.0	100.0

**Coefficient of Utilization**



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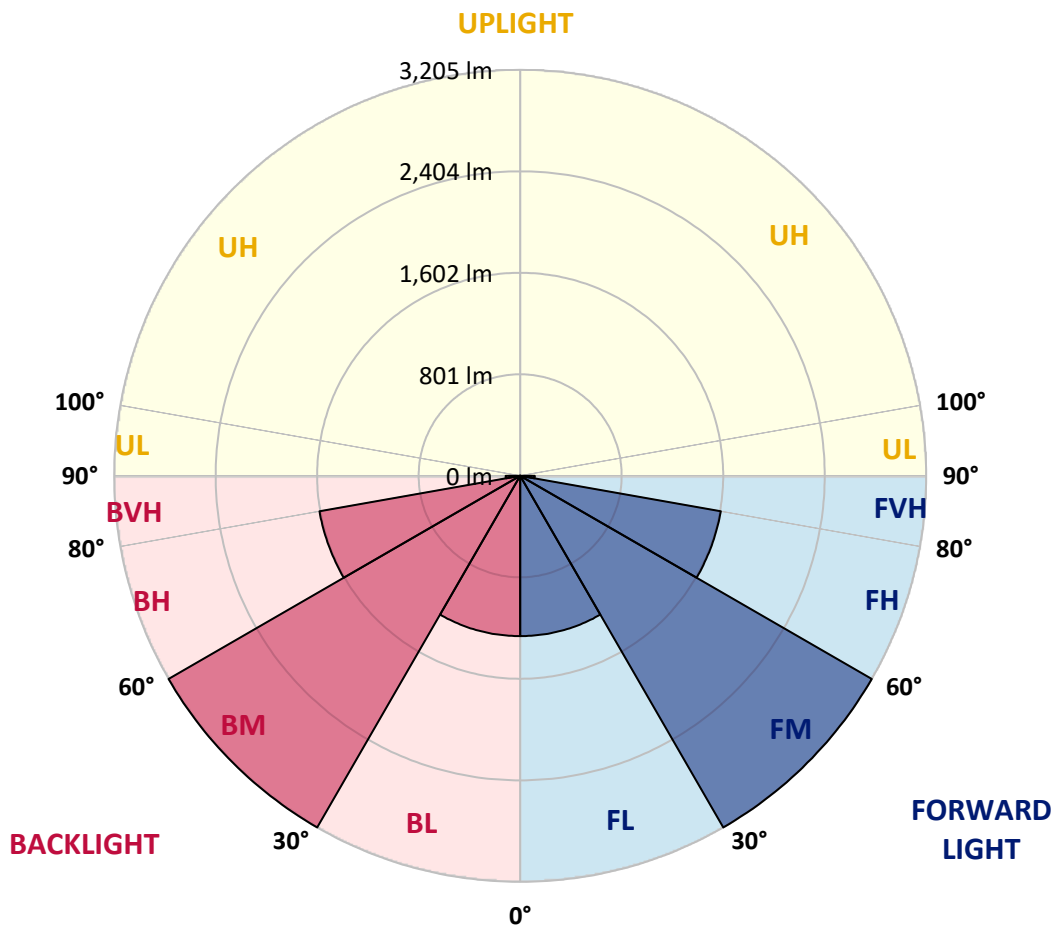
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1265.3	10.2			
FM (30°-60°)	3204.8	25.9			
FH (60°-80°)	1608.6	13.0			G1/1800
FVH (80°-90°)	114.8	0.9			G2/225
BL (0°-30°)	1265.3	10.2	B3/2500		
BM (30°-60°)	3204.8	25.9	B3/5000		
BH (60°-80°)	1608.6	13.0	B3/2500		G1/1800
BVH (80°-90°)	114.8	0.9			G2/225
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B3-U0-G2**

Type V Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	3098.9	3098.9	3098.9	3098.9	3098.9	3098.9	3098.9	3098.9	3098.9	3098.9	3098.9
2.5°	3091.0	3100.8	3096.9	3096.9	3096.9	3096.9	3093.0	3096.9	3096.9	3098.9	3096.9
5°	3093.0	3091.0	3091.0	3093.0	3093.0	3094.9	3091.0	3093.0	3094.9	3094.9	3096.9
7.5°	3087.0	3089.0	3085.1	3089.0	3085.1	3087.0	3087.0	3089.0	3087.0	3089.0	3093.0
10°	3075.2	3077.2	3075.2	3075.2	3075.2	3079.2	3071.3	3077.2	3075.2	3077.2	3075.2
12.5°	3053.5	3063.4	3059.4	3063.4	3063.4	3063.4	3057.5	3061.4	3063.4	3063.4	3063.4
15°	3043.7	3045.6	3039.7	3047.6	3049.6	3051.6	3043.7	3047.6	3047.6	3049.6	3051.6
17.5°	3022.0	3031.8	3029.9	3035.8	3033.8	3039.7	3037.8	3035.8	3033.8	3037.8	3033.8
20°	3006.2	3016.1	3014.1	3020.0	3022.0	3027.9	3022.0	3022.0	3016.1	3018.0	3024.0
22.5°	2990.4	2994.4	2994.4	3000.3	3000.3	3006.2	3000.3	2998.3	2998.3	2996.4	3002.3
25°	2964.8	2966.8	2964.8	2970.7	2974.7	2978.6	2976.6	2972.7	2970.7	2970.7	2968.8
27.5°	2923.4	2931.3	2935.2	2943.1	2945.1	2951.0	2943.1	2943.1	2939.2	2935.2	2937.2
30°	2891.9	2895.8	2895.8	2913.6	2913.6	2923.4	2913.6	2911.6	2909.6	2907.6	2903.7
32.5°	2862.3	2868.2	2874.1	2887.9	2897.8	2901.7	2895.8	2891.9	2882.0	2876.1	2874.1
35°	2838.7	2840.6	2852.5	2872.2	2884.0	2893.9	2886.0	2876.1	2862.3	2852.5	2860.3
37.5°	2820.9	2822.9	2840.6	2866.3	2887.9	2895.8	2884.0	2868.2	2846.5	2834.7	2830.8
40°	2805.1	2817.0	2836.7	2872.2	2895.8	2907.6	2897.8	2876.1	2844.6	2820.9	2818.9
42.5°	2797.3	2803.2	2832.7	2874.1	2907.6	2923.4	2909.6	2880.1	2840.6	2813.0	2811.1
45°	2777.5	2795.3	2822.9	2876.1	2913.6	2933.3	2913.6	2876.1	2828.8	2797.3	2791.3
47.5°	2761.8	2767.7	2811.1	2872.2	2917.5	2933.3	2913.6	2866.3	2807.1	2765.7	2761.8
50°	2724.3	2738.1	2781.5	2846.5	2899.8	2915.5	2891.9	2828.8	2761.8	2716.4	2708.5
52.5°	2667.2	2679.0	2730.2	2811.1	2862.3	2880.1	2844.6	2777.5	2698.7	2643.5	2643.5
55°	2578.4	2596.2	2649.4	2732.2	2797.3	2813.0	2771.6	2700.7	2612.0	2556.8	2554.8
57.5°	2472.0	2483.8	2541.0	2631.7	2694.8	2718.4	2677.0	2598.2	2509.4	2444.4	2438.5
60°	2334.0	2349.8	2410.9	2497.6	2562.7	2582.4	2546.9	2468.1	2377.4	2308.4	2308.4
62.5°	2168.4	2186.2	2247.3	2336.0	2403.0	2432.6	2383.3	2308.4	2213.8	2146.7	2140.8
65°	1975.2	1991.0	2046.2	2138.8	2207.8	2229.5	2192.1	2113.2	2022.5	1959.5	1953.5
67.5°	1758.4	1780.1	1835.3	1914.1	1973.3	2000.9	1977.2	1906.2	1811.6	1746.6	1740.6
70°	1523.8	1539.6	1582.9	1655.9	1722.9	1742.6	1707.1	1659.8	1571.1	1512.0	1504.1
72.5°	1273.5	1287.3	1322.7	1391.7	1439.0	1464.7	1445.0	1383.8	1312.9	1263.6	1271.5
75°	1021.1	1019.2	1058.6	1107.9	1151.2	1169.0	1155.2	1115.7	1050.7	1009.3	1007.3
77.5°	768.8	788.5	802.3	843.7	879.2	893.0	873.3	841.7	792.5	758.9	764.9
80°	540.1	528.3	553.9	579.6	603.2	617.0	605.2	587.4	553.9	528.3	524.4
82.5°	331.2	321.3	333.1	356.8	372.6	376.5	378.5	356.8	343.0	323.3	327.2
85°	145.9	147.8	157.7	173.5	175.4	177.4	177.4	173.5	157.7	155.7	151.8
87.5°	35.5	35.5	37.5	43.4	43.4	45.3	45.3	39.4	37.5	33.5	35.5
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)