

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: McGRAW-EDISON

Report Number: P634826

Luminaire Tested: GWS-SA3C-750-U-5NQ-W-GRSBK

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P634826
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-782-8)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 1/10/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: McGRAW-EDISON
Catalog Number: GWS-SA3C-750-U-5NQ-W-GRSBK
Description: GALLEON WALL SLIM LUMINAIRE. (3) LIGHTSQUARES WITH 16 LEDS EACH AND TYPE V NARROW OPTICS W/ FACTORY INSTALLED GLARE SHIELD, BK
Light Source: (48) 5000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10040.9 lumens
Efficiency: N/A
Efficacy: 108.0 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')
IES Classification: Type V - Short
BUG Rating: B3 - U0 - G0

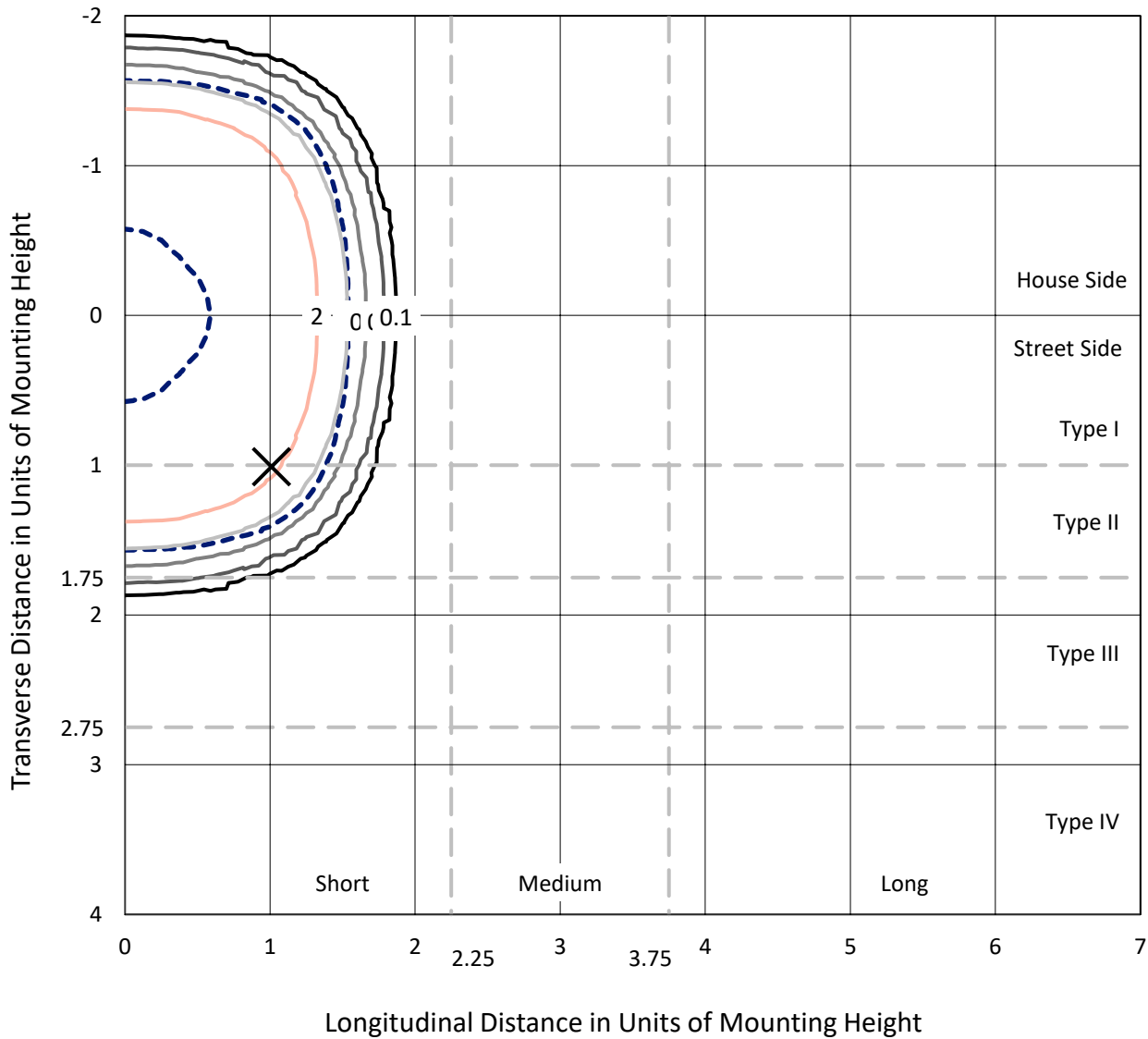
Input Watts (W): 93
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 0
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

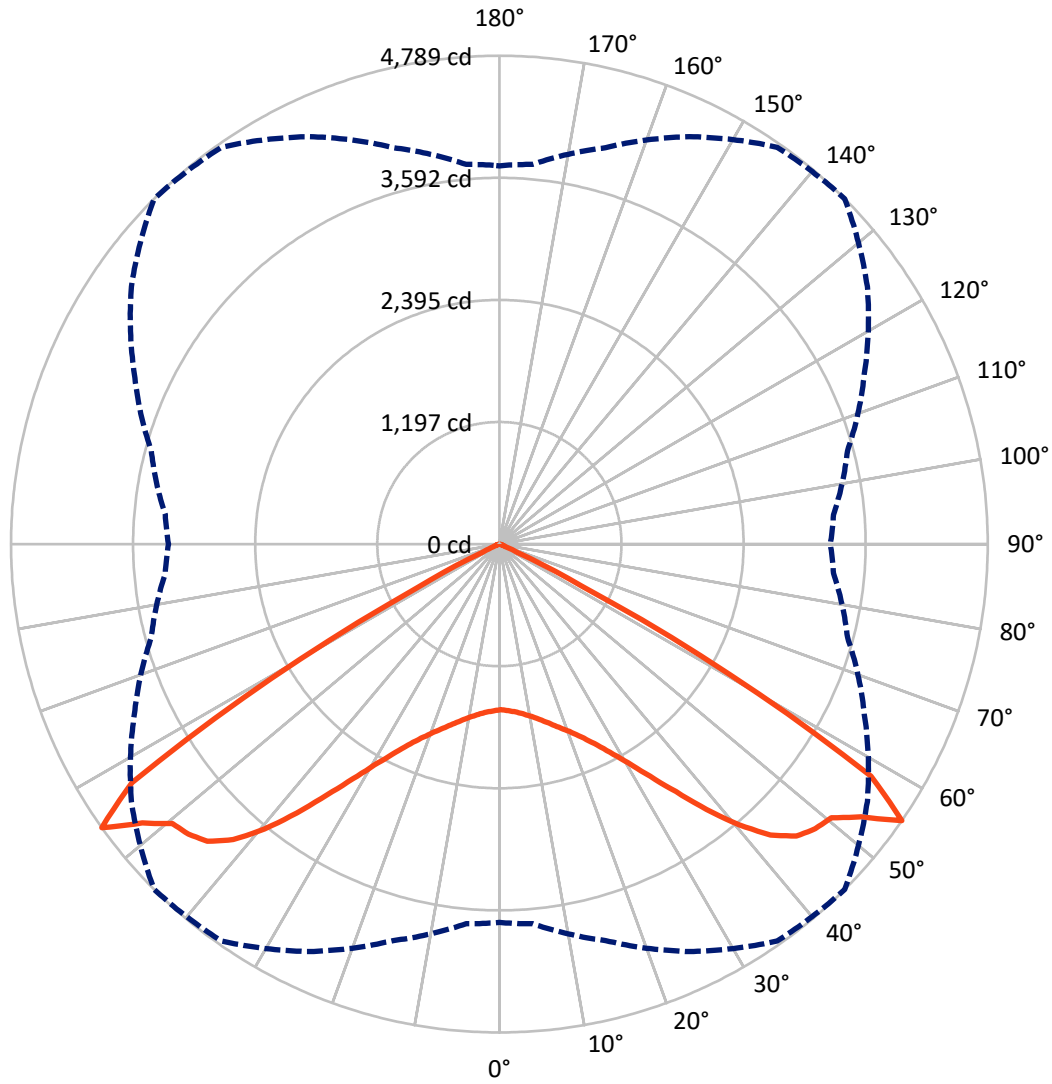
✕ Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 4.1 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral - - - Horizontal Cone Through 55-Deg Vertical

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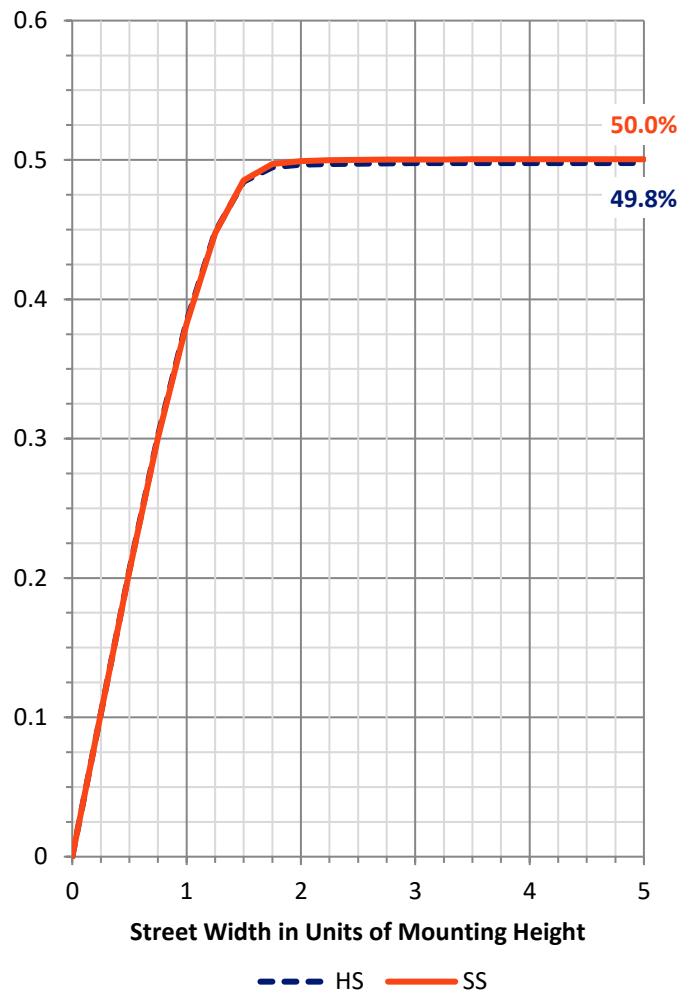
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	5020.4	0.0	5020.4
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	5020.4	0.0	5020.4
	% Fixture	50.0	0.0	50.0
Total	Lumens	10040.9	0.0	10040.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	159.1	1.6
10°-20°	515.6	5.1
20°-30°	998.5	9.9
30°-40°	1788.9	17.8
40°-50°	2999.2	29.9
50°-60°	3210.5	32.0
60°-70°	352.8	3.5
70°-80°	15.5	0.2
80°-90°	0.7	0.0
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°	10040.9	100.0
0°-180°	10040.9	100.0

Coefficient of Utilization



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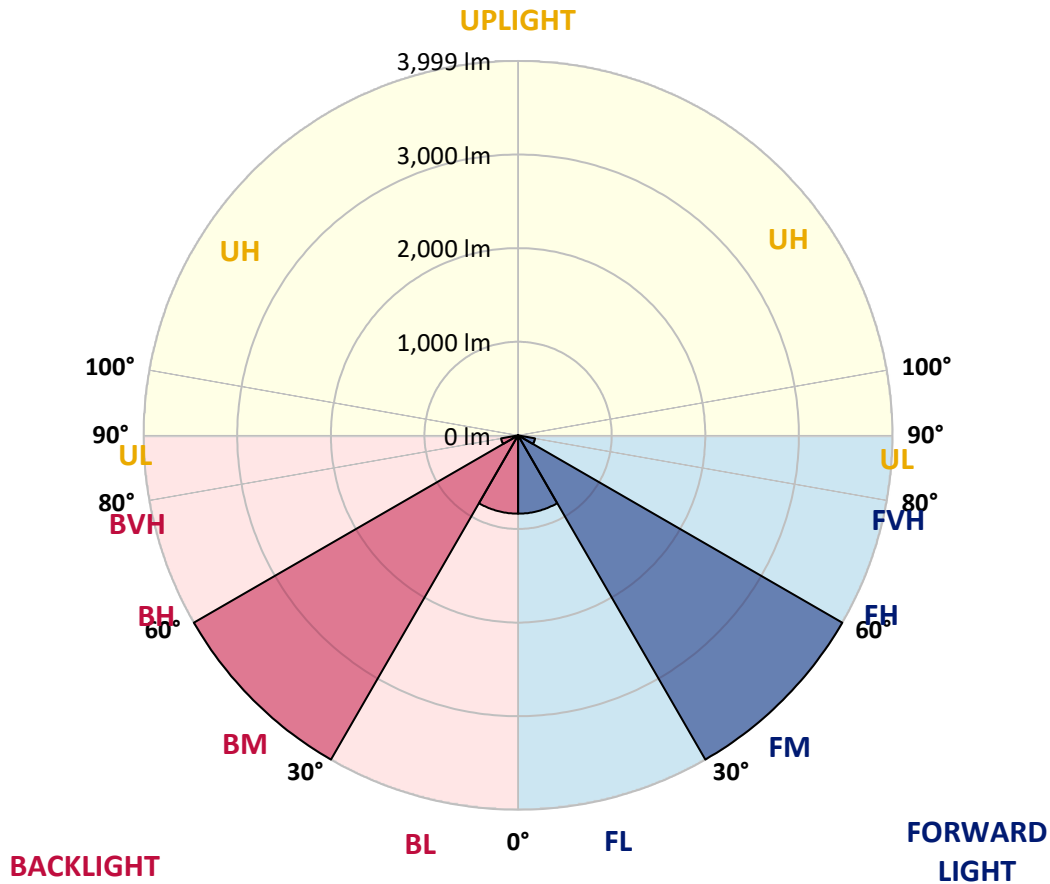
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	836.6	8.3			
FM (30°-60°)	3999.3	39.8			
FH (60°-80°)	184.2	1.8			G0/660
FVH (80°-90°)	0.4	0.0			G0/10
BL (0°-30°)	836.6	8.3	B2/1000		
BM (30°-60°)	3999.3	39.8	B3/5000		
BH (60°-80°)	184.2	1.8	B1/500		G0/660
BVH (80°-90°)	0.4	0.0			G0/10
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G0

Type V Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	1623.4	1623.4	1623.4	1623.4	1623.4	1623.4	1623.4	1623.4	1623.4	1623.4	1623.4
2.5°	1620.4	1620.4	1624.4	1627.5	1627.5	1635.7	1632.6	1629.6	1629.6	1625.5	1633.6
5°	1643.9	1642.9	1646.9	1649.0	1644.9	1653.1	1648.0	1644.9	1642.9	1638.8	1646.9
7.5°	1669.5	1670.5	1671.5	1675.6	1673.5	1681.7	1677.6	1671.5	1669.5	1663.3	1671.5
10°	1700.1	1700.1	1702.2	1707.3	1708.3	1718.6	1714.5	1707.3	1701.2	1695.0	1703.2
12.5°	1739.0	1740.0	1743.1	1750.3	1754.4	1765.6	1759.5	1745.2	1735.9	1728.8	1738.0
15°	1795.3	1794.3	1798.3	1808.6	1813.7	1821.9	1812.7	1793.2	1782.0	1773.8	1779.9
17.5°	1856.7	1856.7	1858.7	1868.9	1876.1	1888.4	1877.1	1853.6	1843.4	1832.1	1838.2
20°	1924.2	1927.2	1929.3	1936.4	1948.7	1961.0	1951.8	1928.3	1917.0	1902.7	1909.8
22.5°	2013.2	2010.1	2011.1	2023.4	2040.8	2053.1	2045.9	2018.3	1998.8	1987.6	1991.7
25°	2112.4	2111.4	2114.4	2132.8	2152.3	2165.6	2155.4	2119.6	2100.1	2080.7	2088.9
27.5°	2234.1	2235.1	2237.2	2259.7	2290.4	2309.8	2284.2	2248.4	2221.8	2196.3	2202.4
30°	2378.4	2376.3	2382.4	2413.1	2458.1	2488.8	2459.2	2409.0	2371.2	2346.6	2349.7
32.5°	2531.8	2533.8	2550.2	2599.3	2658.6	2712.9	2652.5	2586.0	2536.9	2490.9	2497.0
35°	2697.5	2702.6	2739.5	2812.1	2909.3	2981.9	2898.0	2788.6	2719.0	2659.7	2661.7
37.5°	2892.9	2905.2	2956.3	3064.8	3203.9	3301.1	3178.3	3033.0	2943.0	2869.4	2864.3
40°	3149.7	3164.0	3233.5	3362.4	3531.2	3620.2	3478.0	3328.7	3217.2	3137.4	3125.1
42.5°	3444.3	3462.7	3538.4	3670.3	3839.1	3899.5	3760.4	3634.5	3534.3	3440.2	3436.1
45°	3776.7	3787.0	3848.3	3949.6	4071.3	4085.7	3981.3	3911.8	3810.5	3722.5	3715.4
47.5°	4088.7	4099.0	4140.9	4193.1	4221.7	4170.6	4152.1	4121.5	3990.5	3882.1	3859.6
50°	4326.1	4334.2	4386.4	4406.9	4327.1	4218.6	4254.4	4189.0	4046.8	3925.1	3890.3
52.5°	4309.7	4330.1	4464.1	4580.8	4530.6	4442.7	4346.5	4205.3	3984.4	3817.6	3774.7
55°	3710.2	3737.9	4025.3	4408.9	4751.6	4789.4	4404.8	3949.6	3534.3	3289.8	3245.8
57.5°	2384.5	2391.7	2742.5	3280.6	4052.9	4296.4	3653.0	2977.8	2461.2	2192.2	2173.8
60°	876.7	862.3	1127.3	1573.3	2334.4	2592.2	2150.2	1505.8	1074.1	883.8	868.5
62.5°	210.7	212.8	263.9	395.9	732.4	906.3	716.1	400.0	254.7	213.8	211.8
65°	106.4	104.3	105.4	113.5	156.5	187.2	153.4	108.4	104.3	105.4	104.3
67.5°	68.5	67.5	69.6	70.6	69.6	65.5	64.4	66.5	66.5	67.5	65.5
70°	41.9	40.9	43.0	46.0	44.0	38.9	40.9	43.0	40.9	39.9	39.9
72.5°	22.5	22.5	24.6	26.6	24.6	22.5	22.5	23.5	22.5	22.5	22.5
75°	10.2	10.2	11.3	12.3	10.2	10.2	10.2	10.2	10.2	10.2	10.2
77.5°	3.1	3.1	4.1	4.1	3.1	3.1	3.1	3.1	4.1	4.1	4.1
80°	1.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	2.0	2.0	2.0
82.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
85°	1.0	1.0	1.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0	1.0
87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0	1.0
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)