

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: P634885

Luminaire Tested: GWS-SA3C-760-U-5WQ-W-GRSWH

Issue Date: 1/10/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P634885  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-782-3)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 1/10/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: McGRAW-EDISON  
Catalog Number: GWS-SA3C-760-U-5WQ-W-GRSWH  
Description: GALLEON WALL SLIM LUMINAIRE. (3) LIGHTSQUARES WITH 16 LEDS EACH AND TYPE V WIDE OPTICS W/ FACTORY INSTALLED GLARE SHIELD, WH  
Light Source: (48) 5700K CCT, 70 CRI LEDS  
Ballast/Driver: -

**Summary**

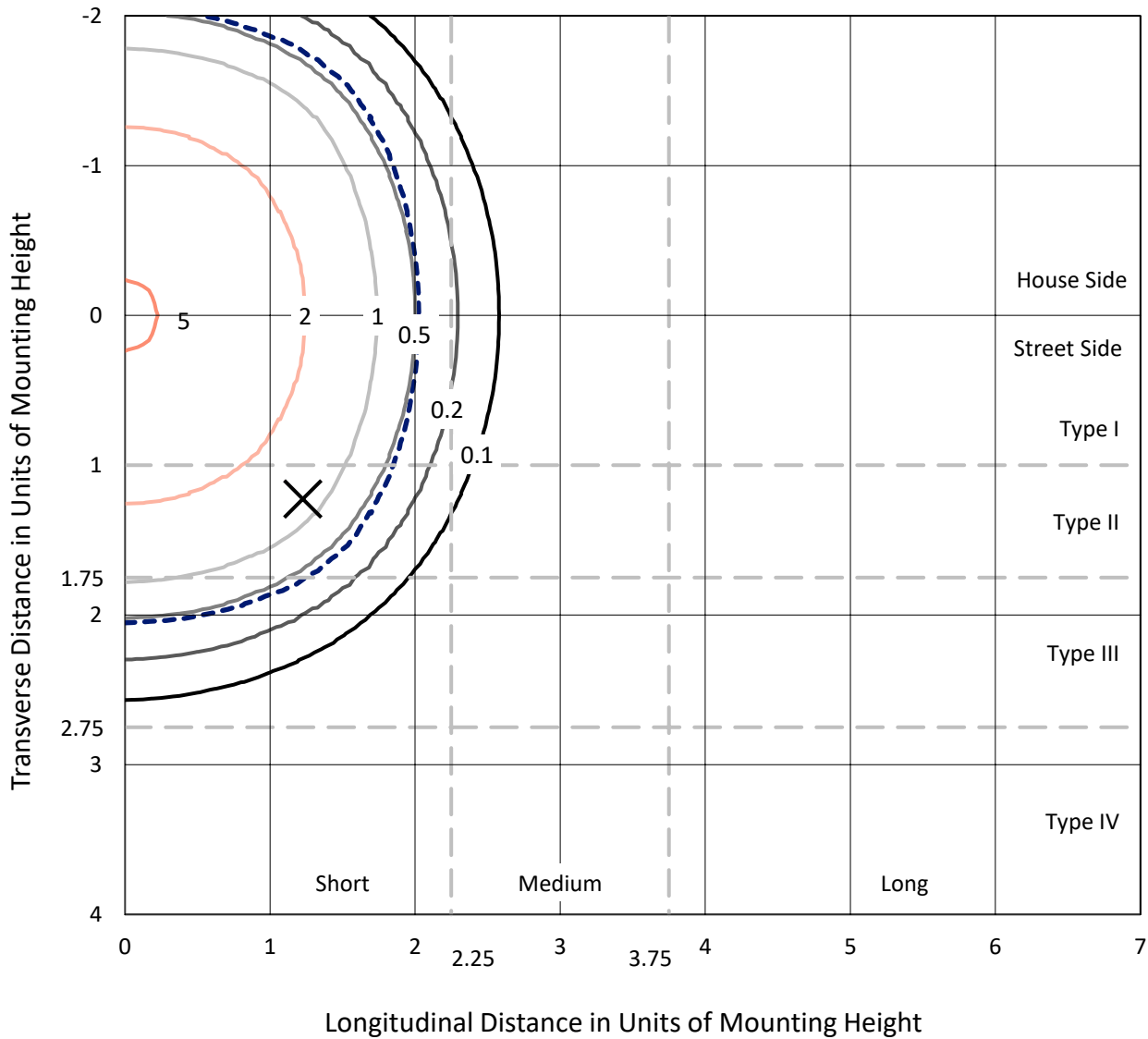
Lumens per Lamp: N/A  
Luminaire Lumens: 11885.8 lumens  
Efficiency: N/A  
Efficacy: 127.8 lumens/watt  
Luminous Opening: Rectangular (W 1.5' x L: 0.5' x H: 0')  
IES Classification: Type V - Short  
BUG Rating: B3 - U0 - G1  
  
Input Watts (W): 93  
Input Voltage (V): 120  
Input Current (Ain): NR  
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



REPORT NUMBER: P634885  
 CATALOG NUMBER: GWS-SA3C-760-U-5WQ-W-GRSWH

### Iso-Footcandle Lines of Horizontal Illumination

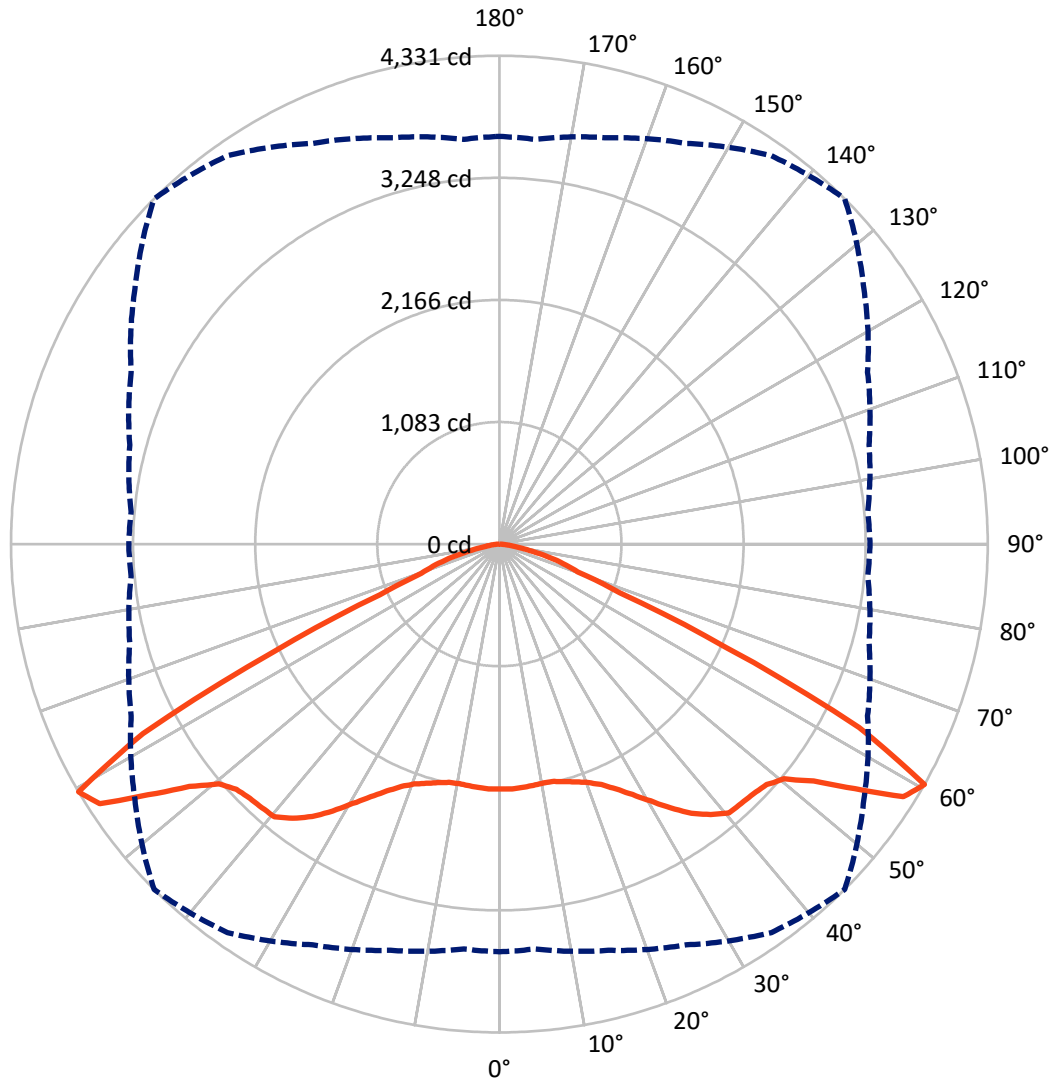
✕ Max cd  
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 5.4 fc  
 Type V - Short - N/A

REPORT NUMBER: P634885  
CATALOG NUMBER: GWS-SA3C-760-U-5WQ-W-GRSWH

### Luminous Intensity Polar Plot



— Vertical Plane Through 45-Deg Lateral    - - - Horizontal Cone Through 60-Deg Vertical

REPORT NUMBER: P634885

CATALOG NUMBER: GWS-SA3C-760-U-5WQ-W-GRSWH

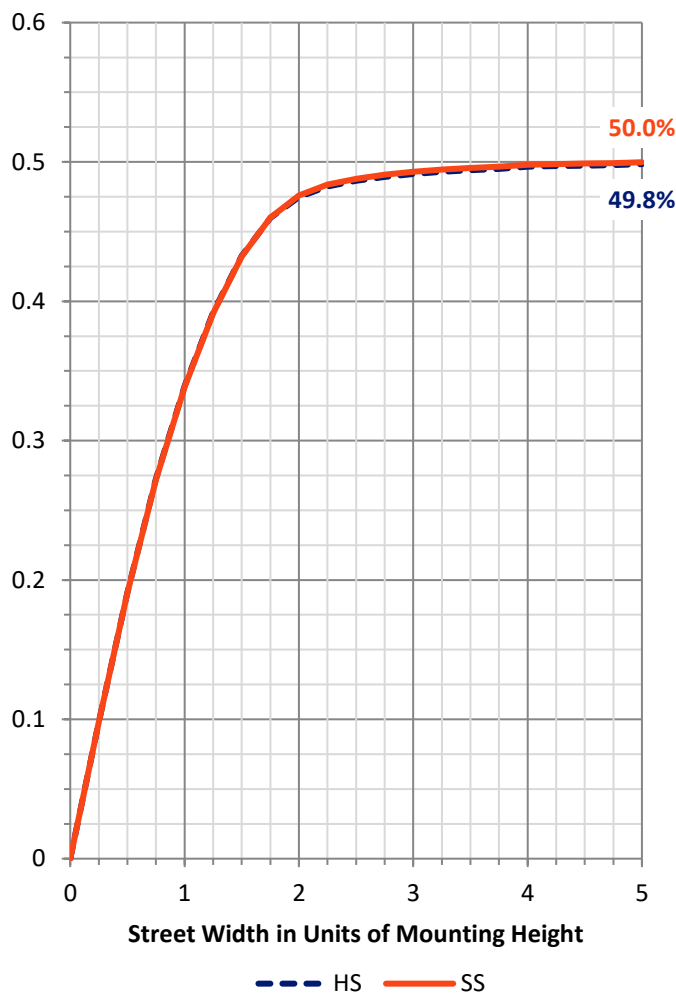
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	5942.9	0.0	5942.9
	% Fixture	50.0	0.0	50.0
<b>Street Side</b>	Lumens	5942.9	0.0	5942.9
	% Fixture	50.0	0.0	50.0
<b>Total</b>	Lumens	11885.8	0.0	11885.8
	% Fixture	100.0	0.0	100.0

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	206.0	1.7
10°-20°	619.6	5.2
20°-30°	1096.2	9.2
30°-40°	1764.9	14.8
40°-50°	2425.8	20.4
50°-60°	3232.6	27.2
60°-70°	2014.7	17.0
70°-80°	463.3	3.9
80°-90°	62.9	0.5
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°	11885.8	100.0
0°-180°	11885.8	100.0

**Coefficient of Utilization**



REPORT NUMBER: P634885

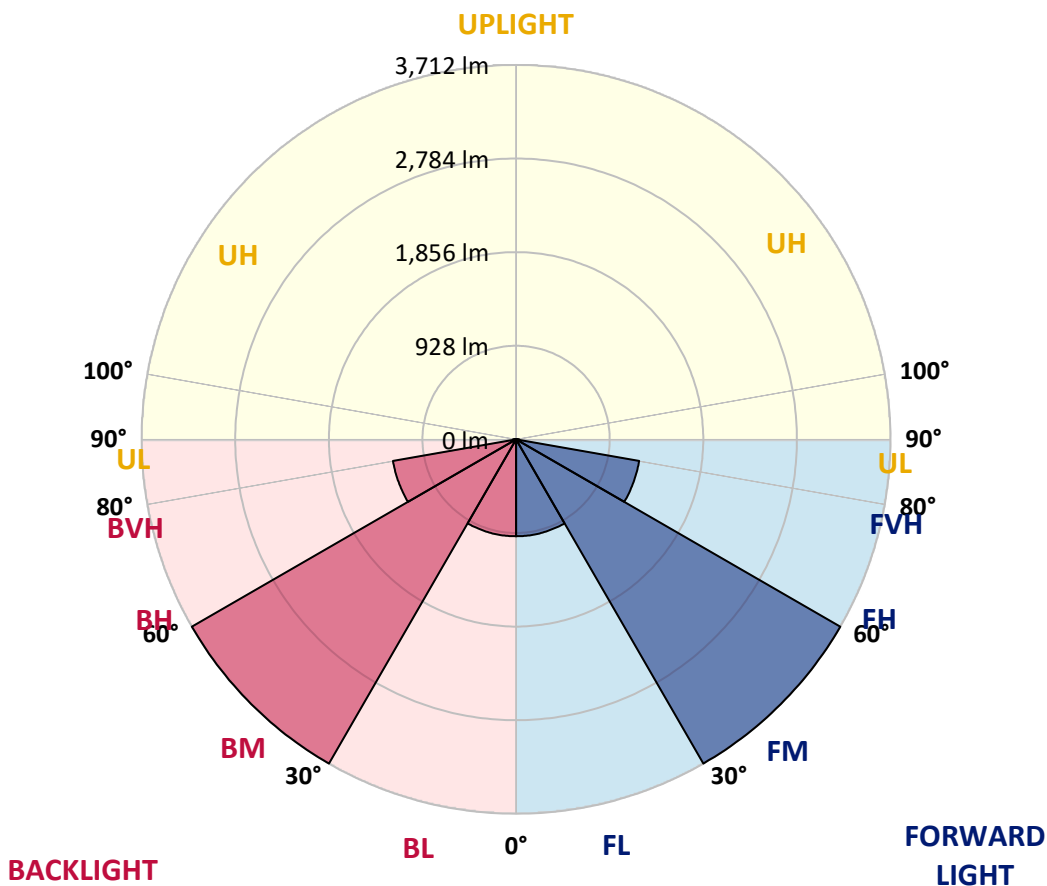
CATALOG NUMBER: GWS-SA3C-760-U-5WQ-W-GRSWH

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

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	960.9	8.1			
FM (30°-60°)	3711.6	31.2			
FH (60°-80°)	1239.0	10.4			G1/1800
FVH (80°-90°)	31.4	0.3			G1/100
BL (0°-30°)	960.9	8.1	B2/1000		
BM (30°-60°)	3711.6	31.2	B3/5000		
BH (60°-80°)	1239.0	10.4	B3/2500		G1/1800
BVH (80°-90°)	31.4	0.3			G1/100
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

**BUG Rating: B3-U0-G1**

Type V Short





REPORT NUMBER: P634885

CATALOG NUMBER: GWS-SA3C-760-U-5WQ-W-GRSWH

**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	2172.1	2172.1	2172.1	2172.1	2172.1	2172.1	2172.1	2172.1	2172.1	2172.1	2172.1
2.5°	2157.0	2159.0	2163.0	2166.1	2170.1	2174.1	2176.1	2172.1	2170.1	2162.0	2171.1
5°	2159.0	2161.0	2164.0	2164.0	2165.1	2168.1	2168.1	2163.0	2158.0	2148.9	2159.0
7.5°	2156.0	2158.0	2159.0	2158.0	2159.0	2160.0	2158.0	2151.9	2146.9	2138.8	2146.9
10°	2150.9	2152.9	2155.0	2152.9	2150.9	2154.0	2154.0	2149.9	2146.9	2138.8	2147.9
12.5°	2162.0	2165.1	2166.1	2161.0	2159.0	2160.0	2160.0	2156.0	2156.0	2148.9	2159.0
15°	2188.3	2190.3	2187.2	2181.2	2182.2	2185.2	2178.2	2168.1	2166.1	2163.0	2171.1
17.5°	2208.4	2210.5	2207.4	2203.4	2210.5	2217.5	2204.4	2185.2	2179.2	2177.2	2186.2
20°	2230.6	2233.7	2229.6	2234.7	2248.8	2256.9	2240.7	2214.5	2202.4	2199.4	2210.5
22.5°	2266.9	2271.0	2271.0	2282.1	2303.3	2316.4	2296.2	2260.9	2242.7	2237.7	2248.8
25°	2324.5	2327.5	2330.5	2352.7	2387.0	2405.2	2372.9	2324.5	2299.2	2291.2	2297.2
27.5°	2404.2	2409.2	2414.2	2446.5	2488.9	2515.1	2468.7	2408.2	2376.9	2360.8	2372.9
30°	2499.0	2506.1	2518.2	2554.5	2614.0	2643.3	2583.7	2510.1	2474.8	2457.6	2473.8
32.5°	2628.1	2629.1	2638.2	2678.6	2757.3	2790.6	2715.9	2634.2	2597.9	2577.7	2586.8
35°	2781.5	2782.5	2768.4	2809.7	2894.5	2931.8	2844.0	2761.3	2731.0	2725.0	2748.2
37.5°	2938.9	2929.8	2915.7	2933.8	3019.6	3043.8	2951.0	2880.3	2867.2	2878.3	2912.6
40°	3050.8	3035.7	3007.5	3020.6	3107.3	3135.6	3036.7	2970.1	2966.1	2993.3	3034.7
42.5°	3123.5	3107.3	3074.0	3074.0	3133.6	3145.7	3069.0	3033.7	3042.8	3074.0	3113.4
45°	3158.8	3149.7	3130.5	3120.5	3153.8	3158.8	3100.3	3086.2	3103.3	3118.4	3148.7
47.5°	3186.0	3186.0	3180.0	3169.9	3185.0	3188.1	3144.7	3140.6	3162.8	3162.8	3183.0
50°	3234.5	3239.5	3247.6	3245.6	3261.7	3271.8	3239.5	3233.5	3242.5	3213.3	3223.4
52.5°	3361.6	3374.7	3397.9	3416.1	3457.4	3488.7	3431.2	3382.8	3335.3	3270.8	3272.8
55°	3589.6	3595.6	3641.0	3694.5	3764.1	3827.7	3709.6	3559.3	3456.4	3380.7	3381.8
57.5°	3782.3	3791.4	3857.9	3969.9	4126.3	4225.2	3963.9	3712.7	3567.4	3474.6	3477.6
60°	3615.8	3603.7	3729.8	3921.5	4205.0	4331.1	3945.7	3602.7	3393.9	3278.9	3286.9
62.5°	2797.6	2774.4	2914.6	3115.4	3455.4	3581.5	3226.4	2897.5	2699.8	2610.0	2596.9
65°	1703.0	1681.8	1782.7	1905.8	2135.8	2215.5	2053.1	1878.5	1706.0	1651.5	1636.4
67.5°	927.2	924.1	951.4	1011.9	1112.8	1150.1	1118.8	1036.1	991.7	953.4	953.4
70°	735.5	729.4	724.4	725.4	734.5	739.5	740.5	736.5	741.5	742.5	738.5
72.5°	609.4	607.3	597.3	598.3	594.2	592.2	599.3	603.3	611.4	612.4	612.4
75°	441.9	436.8	441.9	442.9	438.9	438.9	443.9	442.9	446.9	449.0	437.9
77.5°	251.2	251.2	258.3	266.3	272.4	272.4	277.4	277.4	282.5	281.5	279.5
80°	138.2	138.2	142.3	147.3	153.3	159.4	164.4	165.5	168.5	167.5	164.4
82.5°	78.7	79.7	81.7	84.7	90.8	95.8	100.9	101.9	104.9	104.9	101.9
85°	37.3	36.3	37.3	39.3	42.4	46.4	51.5	54.5	56.5	56.5	54.5
87.5°	7.1	8.1	7.1	8.1	9.1	12.1	14.1	16.1	19.2	20.2	18.2
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)