

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: P634769

Luminaire Tested: GWS-SA3C-740-U-5MQ-W-GRSWH

Issue Date: 1/10/2023

Test Information

Test Method: LM-79-2019
Report Number: P634769
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2209-782-6)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 1/10/2023
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: McGRAW-EDISON
Catalog Number: GWS-SA3C-740-U-5MQ-W-GRSWH
Description: GALLEON WALL SLIM LUMINAIRE. (3) LIGHTSQUARES WITH 16 LEDS EACH AND TYPE V MEDIUM OPTICS W/ FACTORY INSTALLED GLARE SHIELD, WH
Light Source: (48) 4000K CCT, 70 CRI LEDS
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12214 lumens
Efficiency: N/A
Efficacy: 131.3 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

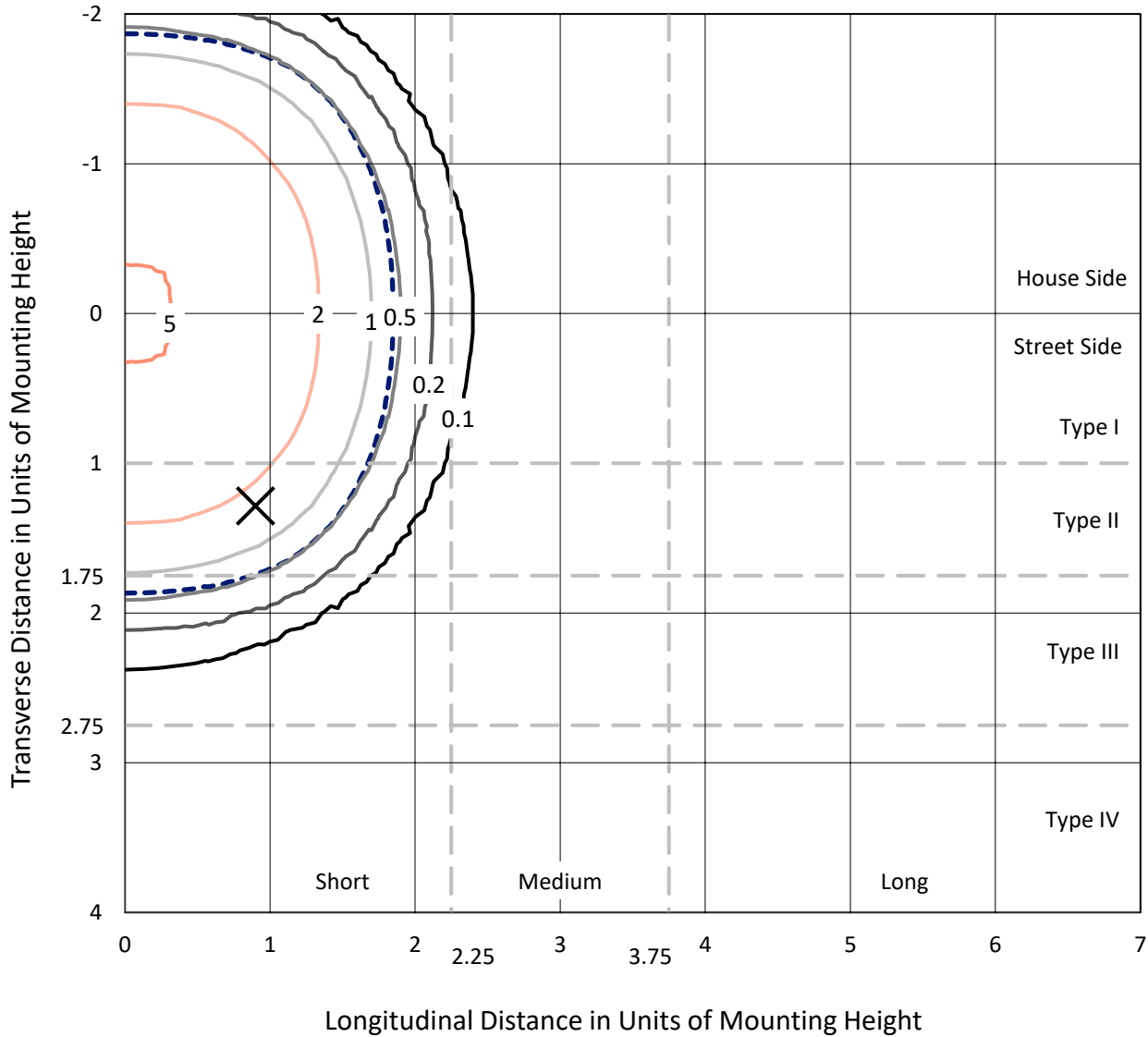
Input Watts (W): 93
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 0
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Footcandle Lines of Horizontal Illumination

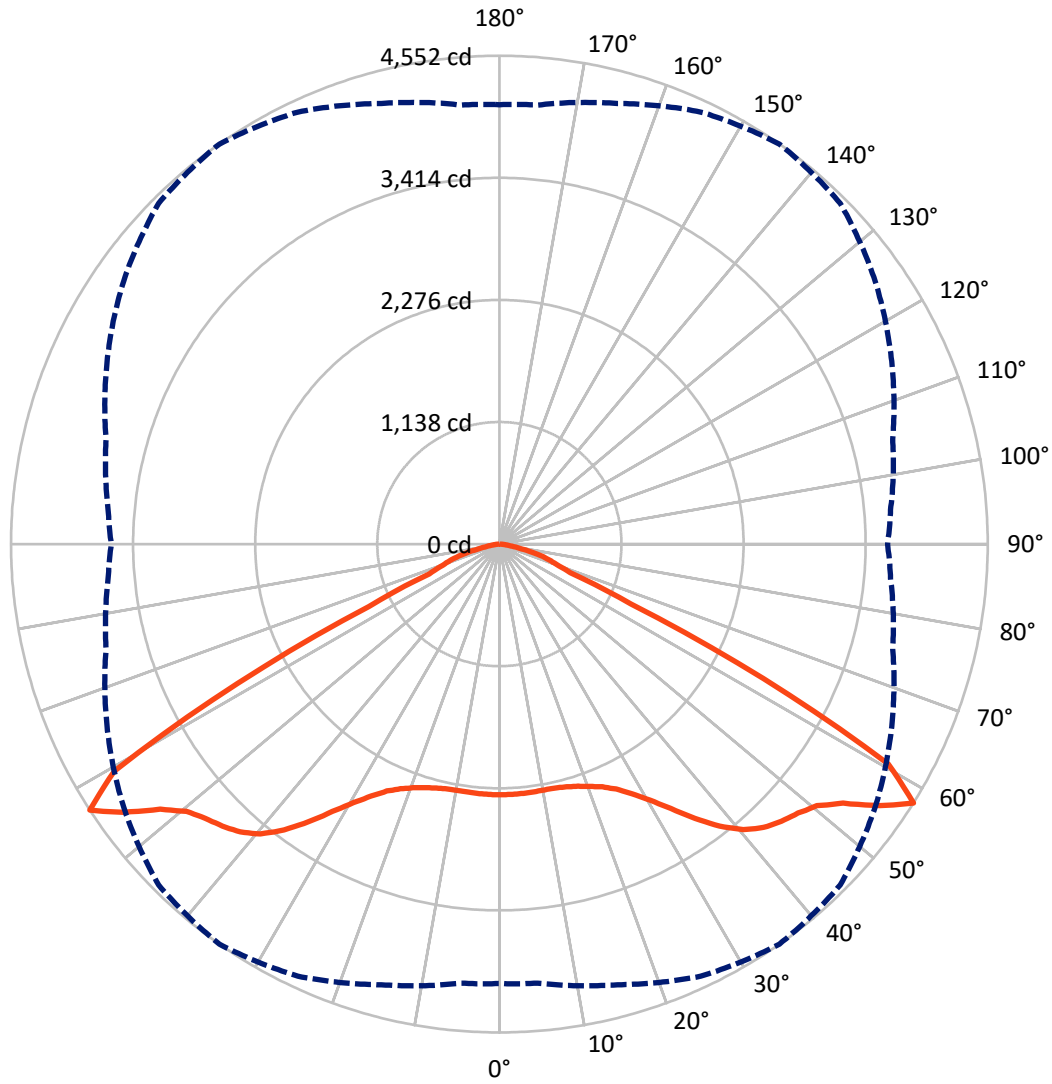
✕ Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 5.8 fc
 Type V - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 35-Deg Lateral - - - Horizontal Cone Through 57.5-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	6107.0	0.0	6107.0
	% Fixture	50.0	0.0	50.0
Street Side	Lumens	6107.0	0.0	6107.0
	% Fixture	50.0	0.0	50.0
Total	Lumens	12214.0	0.0	12214.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	222.3	1.8
10°-20°	663.3	5.4
20°-30°	1157.3	9.5
30°-40°	1897.8	15.5
40°-50°	2795.0	22.9
50°-60°	3566.9	29.2
60°-70°	1503.3	12.3
70°-80°	359.1	2.9
80°-90°	48.9	0.4
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°	12214.0	100.0
0°-180°	12214.0	100.0

Coefficient of Utilization



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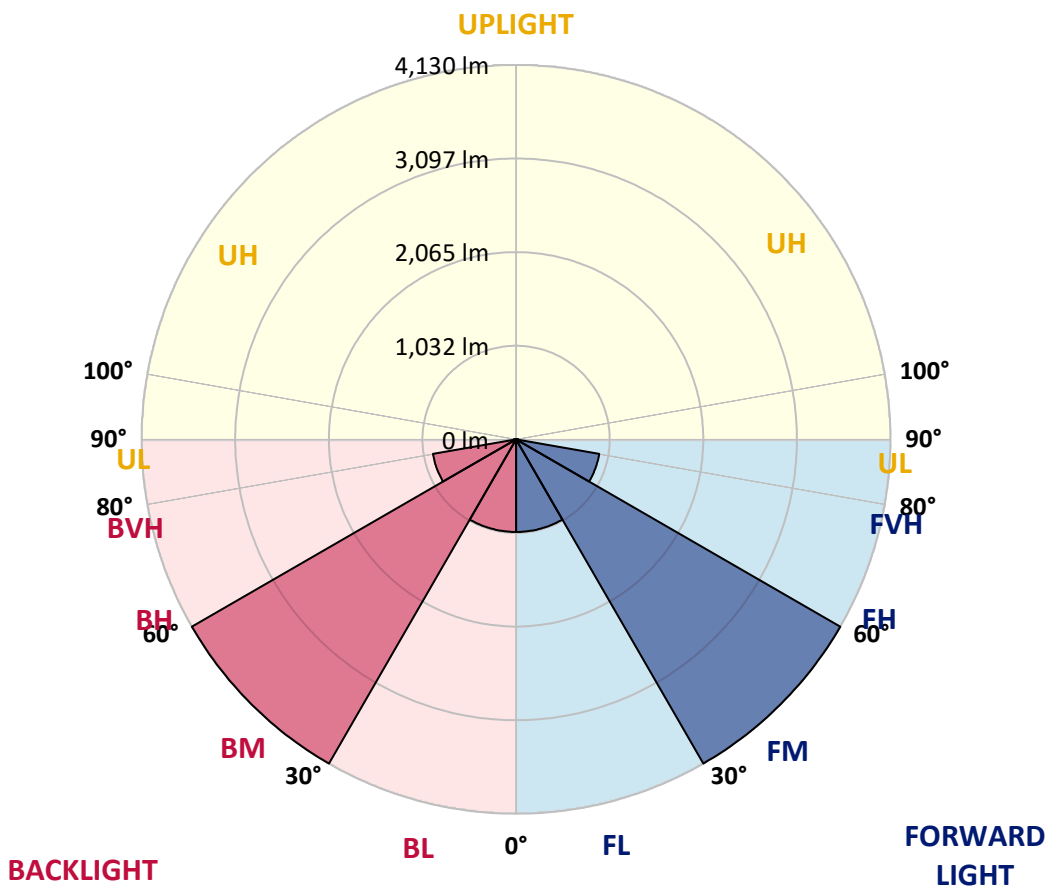
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	1021.5	8.4			
FM (30°-60°)	4129.9	33.8			
FH (60°-80°)	931.2	7.6			G1/1800
FVH (80°-90°)	24.4	0.2			G1/100
BL (0°-30°)	1021.5	8.4	B3/2500		
BM (30°-60°)	4129.9	33.8	B3/5000		
BH (60°-80°)	931.2	7.6	B2/1000		G1/1800
BVH (80°-90°)	24.4	0.2			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





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	2337	2337	2337	2337	2337	2337	2337	2337	2337	2337	2337
2.5°	2323	2323	2328	2333	2335	2344	2343	2340	2338	2332	2340
5°	2328	2328	2332	2335	2334	2341	2338	2333	2330	2324	2333
7.5°	2327	2327	2330	2333	2331	2337	2332	2325	2320	2314	2322
10°	2314	2316	2319	2326	2329	2338	2331	2320	2312	2305	2313
12.5°	2312	2314	2318	2327	2332	2345	2336	2318	2306	2297	2305
15°	2321	2323	2329	2340	2348	2362	2349	2324	2307	2295	2302
17.5°	2332	2335	2344	2360	2373	2388	2372	2342	2318	2302	2308
20°	2344	2348	2362	2386	2410	2429	2409	2369	2340	2319	2325
22.5°	2365	2370	2388	2422	2458	2486	2461	2407	2369	2342	2347
25°	2408	2414	2437	2478	2529	2563	2528	2467	2414	2381	2386
27.5°	2484	2487	2517	2571	2634	2673	2631	2559	2500	2462	2466
30°	2584	2593	2623	2694	2769	2821	2766	2681	2613	2567	2571
32.5°	2706	2712	2757	2831	2939	2999	2924	2823	2741	2685	2689
35°	2866	2871	2914	3008	3139	3195	3109	2993	2898	2845	2860
37.5°	3057	3066	3097	3190	3336	3391	3292	3184	3085	3036	3047
40°	3262	3261	3286	3368	3501	3535	3446	3360	3275	3243	3261
42.5°	3438	3433	3451	3519	3611	3614	3555	3507	3447	3425	3442
45°	3561	3563	3590	3637	3684	3659	3641	3633	3586	3556	3559
47.5°	3658	3666	3709	3741	3747	3705	3730	3742	3703	3657	3644
50°	3744	3757	3813	3847	3834	3781	3830	3848	3762	3674	3648
52.5°	3900	3915	3983	4027	4012	3959	4005	3941	3796	3688	3655
55°	4149	4156	4239	4311	4304	4239	4202	4060	3884	3772	3741
57.5°	4096	4108	4252	4444	4552	4493	4276	4034	3795	3660	3618
60°	3223	3252	3431	3769	4165	4164	3761	3385	3097	2918	2900
62.5°	1882	1902	2065	2407	2762	2784	2501	2243	1991	1870	1812
65°	891	890	955	1109	1349	1368	1283	1142	993	952	941
67.5°	658	658	653	664	710	720	710	687	673	682	676
70°	571	572	566	563	563	560	564	573	579	591	585
72.5°	463	464	464	465	466	462	468	473	474	478	474
75°	329	331	337	342	346	346	348	349	345	350	342
77.5°	181	183	194	203	212	213	216	218	216	220	214
80°	100	102	107	111	118	124	128	130	130	133	130
82.5°	57	59	62	64	70	75	79	82	82	83	81
85°	27	27	29	31	34	36	41	44	44	46	44
87.5°	4	5	6	6	8	10	12	13	15	16	16
90°	0	0	0	0	0	0	0	0	0	0	0

(END OF REPORT)