

Signify Classified - Internal
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



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: P1047115

Luminaire Tested: **GALN-SA8C-727-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047115
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA8C-727-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 8xLight Square PACKAGE
70CRI 2700K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (112) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 42012.8 lumens
Efficiency: N/A
Efficacy: 112.7 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G5

Input Watts (W): 372.9
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

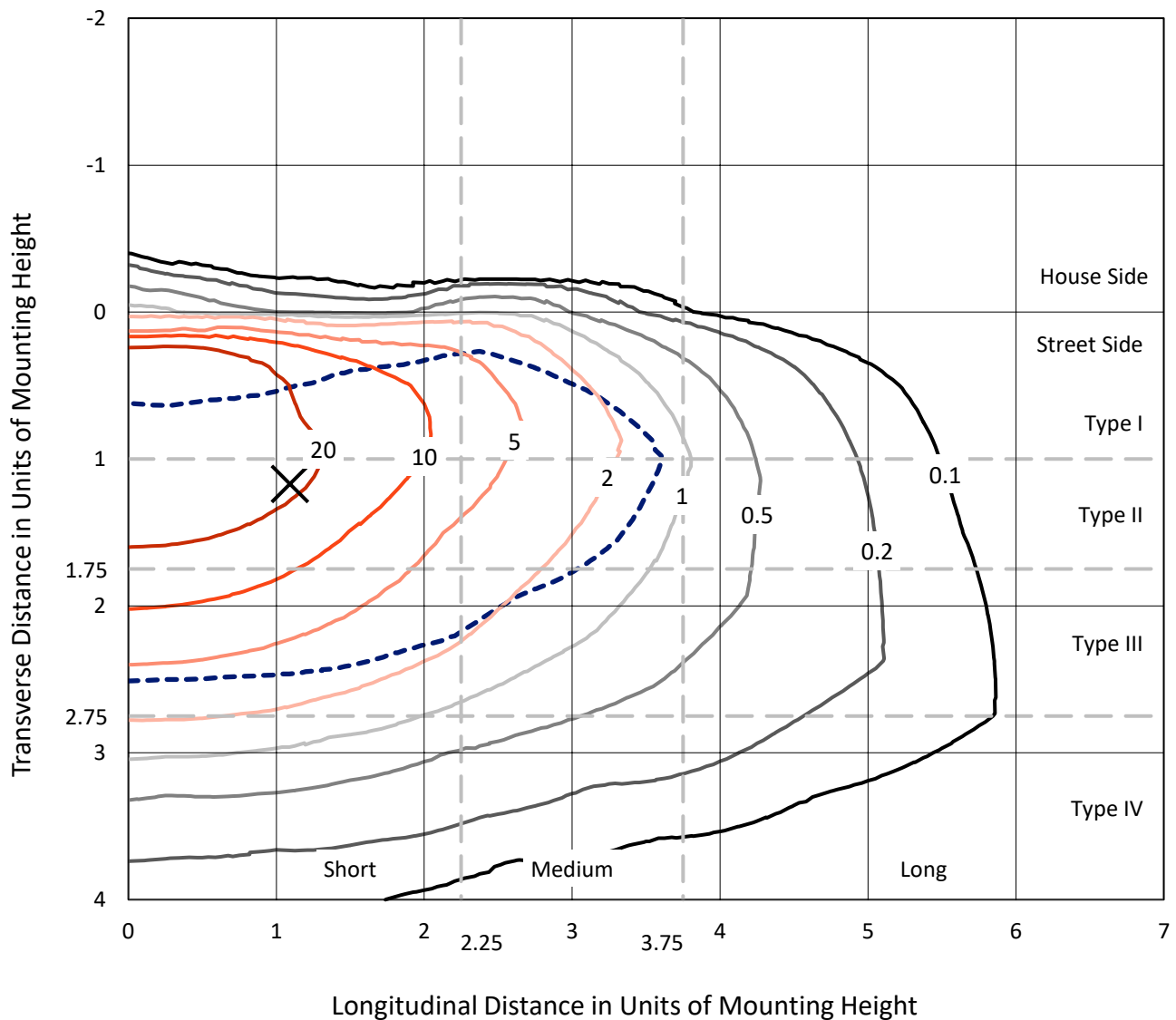


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

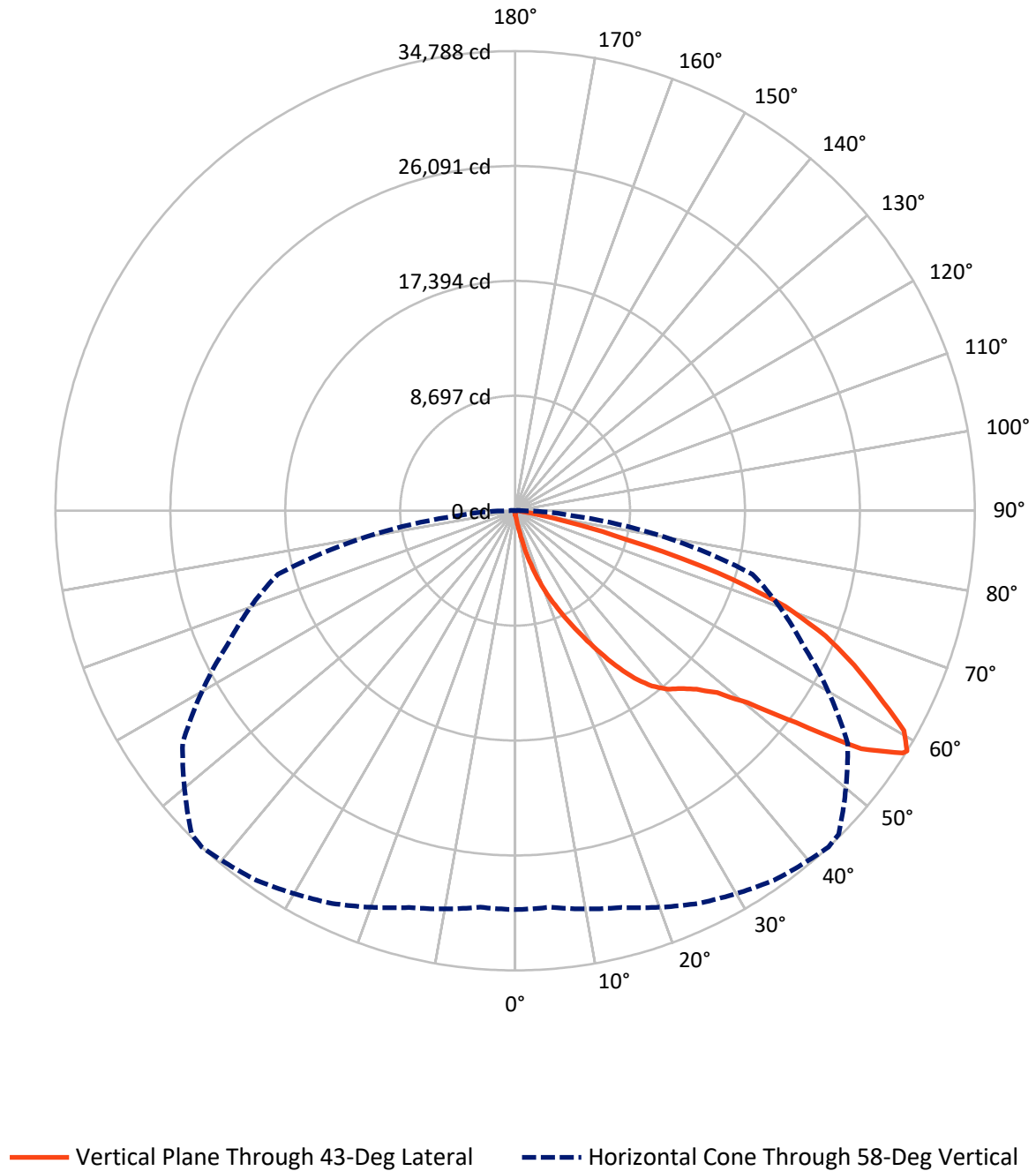


Based on 15 foot mounting height. Maximum calculated value = 47.1 fc
 Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	153.4	0.0	153.4
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	41859.4	0.0	41859.4
	% Fixture	99.6	0.0	99.6
Total	Lumens	42012.8	0.0	42012.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	40.2	0.1
10°-20°	482.9	1.1
20°-30°	1740.6	4.1
30°-40°	3982.5	9.5
40°-50°	6717.0	16.0
50°-60°	11084.7	26.4
60°-70°	12388.6	29.5
70°-80°	5115.0	12.2
80°-90°	461.1	1.1
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°	42012.8	100.0
0°-180°	42012.8	100.0



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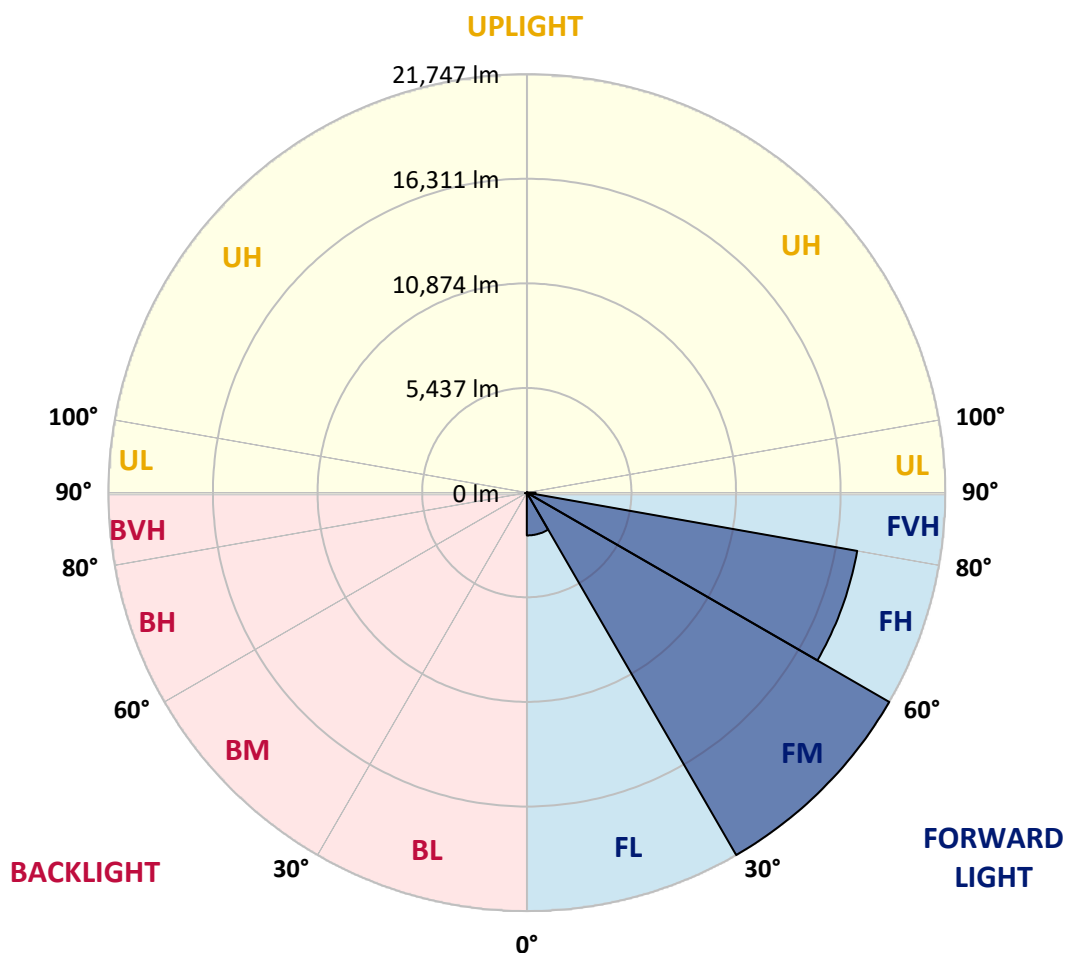
CATALOG NUMBER: GALN-SA8C-727-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2223.8	5.3			
FM	(30°-60°)	21747.4	51.8			
FH	(60°-80°)	17433.4	41.5			G5
FVH	(80°-90°)	454.8	1.1			G3/500
BL	(0°-30°)	40.0	0.1	B0/110		
BM	(30°-60°)	36.8	0.1	B0/220		
BH	(60°-80°)	70.3	0.2	B0/110		G0/110
BVH	(80°-90°)	6.3	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G5

Type III Short



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CATALOG NUMBER: GALN-SA8C-727-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	274.7	274.7	274.7	274.7	274.7	274.7	274.7	274.7	274.7	274.7	274.7
2.5°	329.6	340.6	329.6	329.6	329.6	318.7	318.7	307.7	307.7	296.7	285.7
5°	483.5	483.5	450.5	428.5	406.6	395.6	384.6	362.6	340.6	318.7	296.7
7.5°	1076.8	1076.8	977.9	846.1	670.3	571.4	549.4	450.5	384.6	340.6	296.7
10°	2571.2	2571.2	2351.4	1988.8	1538.3	1142.8	1021.9	648.3	461.5	362.6	307.7
12.5°	4274.4	4329.3	4054.6	3593.1	2922.8	2230.6	1988.8	1186.7	615.3	395.6	307.7
15°	5801.7	5669.8	5592.9	5153.4	4516.1	3692.0	3384.3	1999.8	890.0	450.5	307.7
17.5°	6834.6	6834.6	6724.7	6428.0	5845.7	5120.4	4867.7	3230.5	1439.4	516.4	318.7
20°	8043.3	8043.3	7845.5	7636.7	7120.3	6504.9	6263.2	4593.0	2230.6	659.3	318.7
22.5°	9504.7	9526.7	9306.9	8933.3	8438.8	7757.6	7548.8	5856.6	3230.5	879.0	329.6
25°	11284.8	11306.7	10988.1	10636.5	9878.3	9142.1	8823.4	7307.1	4450.2	1230.7	329.6
27.5°	13251.6	13405.5	12933.0	12328.6	11526.5	10603.5	10361.8	8614.7	5658.9	1736.1	351.6
30°	15702.0	15702.0	15075.6	14229.6	13361.5	12218.7	11911.1	9988.2	6944.5	2406.4	373.6
32.5°	17811.7	17646.9	16844.7	15954.7	15031.7	13965.8	13636.2	11427.6	8263.0	3241.5	417.5
35°	19426.9	19284.1	18295.1	17339.2	16537.1	15559.1	15163.5	12987.9	9658.5	4186.5	483.5
37.5°	20811.4	20756.5	19415.9	18218.2	17690.8	16833.7	16482.1	14460.3	11032.0	5208.3	560.4
40°	22327.8	22152.0	20723.5	19240.1	18449.0	17756.7	17438.1	15647.0	12350.6	6406.0	670.3
42.5°	23624.4	23415.6	22130.0	20679.6	19328.0	18394.0	18086.4	16646.9	13636.2	7603.7	813.1
45°	25063.8	24953.9	23657.3	22558.5	20756.5	19262.1	18855.5	17449.1	14811.9	9032.2	999.9
47.5°	27228.5	27030.7	25822.0	24921.0	22833.2	20580.7	19998.3	18273.2	15943.7	10438.7	1285.6
50°	29744.7	29612.9	28898.6	28184.4	26107.7	22833.2	22141.0	19459.9	17207.3	12108.9	1659.2
52.5°	31799.5	31777.5	31865.4	31876.4	30305.1	26624.1	25591.2	21371.8	18657.8	13757.1	2186.6
55°	31755.5	31854.4	32821.4	33931.2	34052.1	31799.5	30799.6	24591.3	20547.7	15789.9	2922.8
57.5°	30568.8	30491.9	31513.8	33184.0	34359.7	34601.5	34436.6	29590.9	23393.6	18240.2	4054.6
58°	30184.2	30118.3	31085.3	32788.4	34140.0	34788.3	34623.4	30722.7	24030.9	18591.8	4362.3
60°	28788.8	28799.8	29371.1	30920.5	32272.0	33810.3	33964.1	33953.2	27206.5	20943.3	5911.6
62.5°	26942.8	26854.9	27382.3	28645.9	29832.6	30865.5	31129.2	34172.9	31854.4	23932.0	8867.4
65°	24393.5	24261.7	24822.1	26250.5	27525.1	28195.4	28206.4	31228.1	34041.1	27140.6	13086.8
67.5°	19657.7	19547.8	20668.6	22503.6	24470.4	25349.5	25745.1	27096.6	32195.1	29316.2	15504.2
70°	12042.9	12273.7	13834.0	16712.9	20075.2	21690.5	22283.8	22701.4	27415.3	28986.5	12965.9
72.5°	5560.0	5285.3	6614.8	8625.6	12460.5	16053.6	16668.9	18306.1	21734.4	25162.7	9669.5
75°	2593.2	2494.3	2802.0	3768.9	5647.9	8669.6	9790.4	14614.1	16668.9	17504.0	6977.4
77.5°	1329.6	1340.5	1593.3	1714.1	2329.5	4010.6	4604.0	9614.6	12218.7	9768.4	4680.9
80°	582.4	604.3	615.3	670.3	945.0	1549.3	1747.1	4461.2	8350.9	4977.6	2560.2
82.5°	373.6	384.6	384.6	384.6	450.5	615.3	703.2	1791.1	4164.5	2472.3	791.1
85°	197.8	197.8	219.8	274.7	318.7	373.6	395.6	571.4	1373.5	736.2	186.8
87.5°	109.9	120.9	131.9	164.8	208.8	252.7	274.7	395.6	527.4	505.5	44.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CATALOG NUMBER: GALN-SA8C-727-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	274.7	274.7	274.7	274.7	274.7	274.7	274.7	274.7	274.7	274.7	274.7
2.5°	285.7	274.7	263.7	252.7	241.7	230.7	230.7	230.7	230.7	230.7	230.7
5°	274.7	263.7	252.7	230.7	208.8	197.8	186.8	175.8	175.8	175.8	175.8
7.5°	274.7	263.7	230.7	208.8	186.8	164.8	142.8	142.8	142.8	142.8	142.8
10°	274.7	252.7	219.8	186.8	153.8	131.9	120.9	109.9	109.9	109.9	109.9
12.5°	274.7	241.7	208.8	164.8	131.9	109.9	98.9	87.9	87.9	87.9	87.9
15°	274.7	241.7	197.8	153.8	120.9	87.9	76.9	65.9	65.9	65.9	65.9
17.5°	263.7	230.7	186.8	131.9	98.9	65.9	54.9	44.0	44.0	54.9	54.9
20°	252.7	219.8	164.8	109.9	76.9	54.9	33.0	33.0	33.0	33.0	33.0
22.5°	252.7	219.8	153.8	98.9	65.9	33.0	22.0	22.0	22.0	22.0	33.0
25°	252.7	208.8	131.9	76.9	44.0	22.0	11.0	11.0	11.0	11.0	11.0
27.5°	252.7	208.8	120.9	65.9	33.0	22.0	11.0	0.0	0.0	0.0	0.0
30°	241.7	197.8	109.9	54.9	22.0	11.0	0.0	0.0	0.0	0.0	0.0
32.5°	241.7	186.8	87.9	44.0	22.0	11.0	0.0	0.0	0.0	0.0	0.0
35°	252.7	175.8	76.9	33.0	11.0	0.0	0.0	0.0	0.0	0.0	11.0
37.5°	263.7	164.8	65.9	22.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	274.7	153.8	65.9	22.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	296.7	153.8	54.9	22.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	318.7	153.8	44.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	362.6	164.8	44.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	395.6	175.8	33.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	439.5	164.8	33.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	494.5	164.8	33.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	538.4	153.8	33.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	560.4	142.8	22.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	670.3	131.9	22.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1043.9	109.9	22.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	2120.7	98.9	22.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	3955.7	87.9	22.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	4428.2	98.9	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	2791.0	76.9	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	1472.4	76.9	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	736.2	76.9	11.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	340.6	54.9	11.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	142.8	33.0	22.0	11.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	65.9	33.0	22.0	22.0	11.0	11.0	0.0	0.0	0.0	0.0	0.0
87.5°	33.0	33.0	33.0	22.0	22.0	11.0	11.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-3

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-727-U-5WQ

Data in this report applies to families of products including GSS-SB1A-727-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-3
 Test Lab: COOPER LIGHTING SOLUTIONS
 Photometer: SP1 - 76IN SPHERE
 Measurement Geometry: 4π
 Issue Date: 10/15/2024
 Manufacturer: COOPER LIGHTING SOLUTIONS
 Product Line: McGraw-Edison
 Catalog Number: **GSS-SB1A-727-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 2700K CCT 26 LEDS

Spectral Parameters

CCT (K):	2672	CRI (Ra):	71.1		
CIE u':	0.2638	R1:	68.3	R9:	-27.8
CIE v':	0.5276	R2:	79.8	R10:	54.4
Duv:	-0.0002	R3:	91.2	R11:	65.8
CIE x:	0.4619	R4:	69.4	R12:	45.6
CIE y:	0.4106	R5:	66.5	R13:	69.8
CIE z:	0.1275	R6:	72.6	R14:	94.5
Peak Wavelength (nm):	601	R7:	77.0	R15:	60.1
Dominant Wavelength (nm):	584	R8:	44.1		
Purity:	61.88407				
Rf:	67.9				
Rg:	98.6				



Test Conditions

Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

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Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	10/24/2023	10/24/2024
Room Thermometer	IN0046	10/24/2023	10/24/2024

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Photopic Flux vs. Wavelength



Photopic Lumens: NR

λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



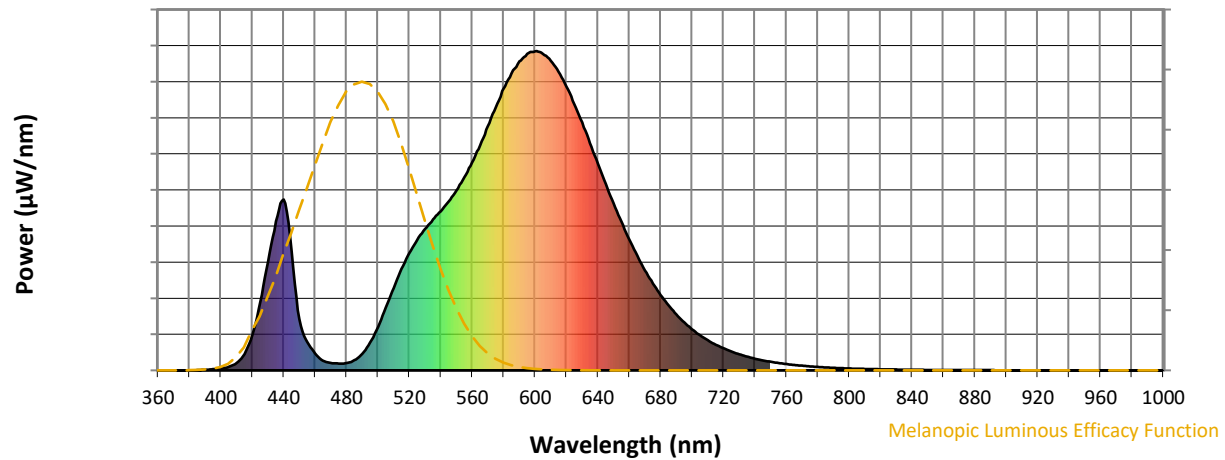
Scotopic Lumens: NR

S/P: 1.02

λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 1.71

λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

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TM-30-18

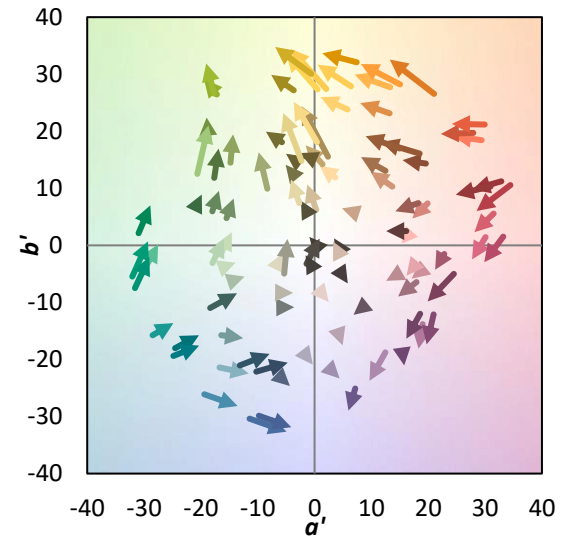
Summary

$R_f = 67.9$
 $R_g = 98.6$
 $CIE R_a = 71.1$
 $R_g = -27.8$

Spectral Power Distribution Comparison



Color Vector Graphics



Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 53	CES51 = 75	CES76 = 51
CES02 = 63	CES27 = 70	CES52 = 80	CES77 = 79
CES03 = 31	CES28 = 81	CES53 = 64	CES78 = 58
CES04 = 71	CES29 = 37	CES54 = 73	CES79 = 82
CES05 = 50	CES30 = 33	CES55 = 69	CES80 = 82
CES06 = 52	CES31 = 44	CES56 = 60	CES81 = 69
CES07 = 42	CES32 = 47	CES57 = 54	CES82 = 92
CES08 = 41	CES33 = 45	CES58 = 59	CES83 = 82
CES09 = 29	CES34 = 67	CES59 = 85	CES84 = 92
CES10 = 77	CES35 = 84	CES60 = 86	CES85 = 87
CES11 = 60	CES36 = 68	CES61 = 86	CES86 = 60
CES12 = 66	CES37 = 77	CES62 = 59	CES87 = 79
CES13 = 44	CES38 = 40	CES63 = 66	CES88 = 70
CES14 = 74	CES39 = 88	CES64 = 69	CES89 = 66
CES15 = 72	CES40 = 82	CES65 = 64	CES90 = 64
CES16 = 48	CES41 = 70	CES66 = 65	CES91 = 81
CES17 = 51	CES42 = 76	CES67 = 64	CES92 = 69
CES18 = 57	CES43 = 63	CES68 = 73	CES93 = 81
CES19 = 73	CES44 = 97	CES69 = 83	CES94 = 53
CES20 = 67	CES45 = 74	CES70 = 64	CES95 = 77
CES21 = 88	CES46 = 67	CES71 = 60	CES96 = 79
CES22 = 80	CES47 = 55	CES72 = 87	CES97 = 78
CES23 = 92	CES48 = 42	CES73 = 57	CES98 = 69
CES24 = 92	CES49 = 65	CES74 = 84	CES99 = 60
CES25 = 73	CES50 = 74	CES75 = 60	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)