

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: P1048325

Luminaire Tested: **GALN-SA5A-727-U-T4BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1048325
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA5A-727-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 5xLight Square PACKAGE
70CRI 2700K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (70) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 16385.6 lumens
Efficiency: N/A
Efficacy: 120.0 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 136.6
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

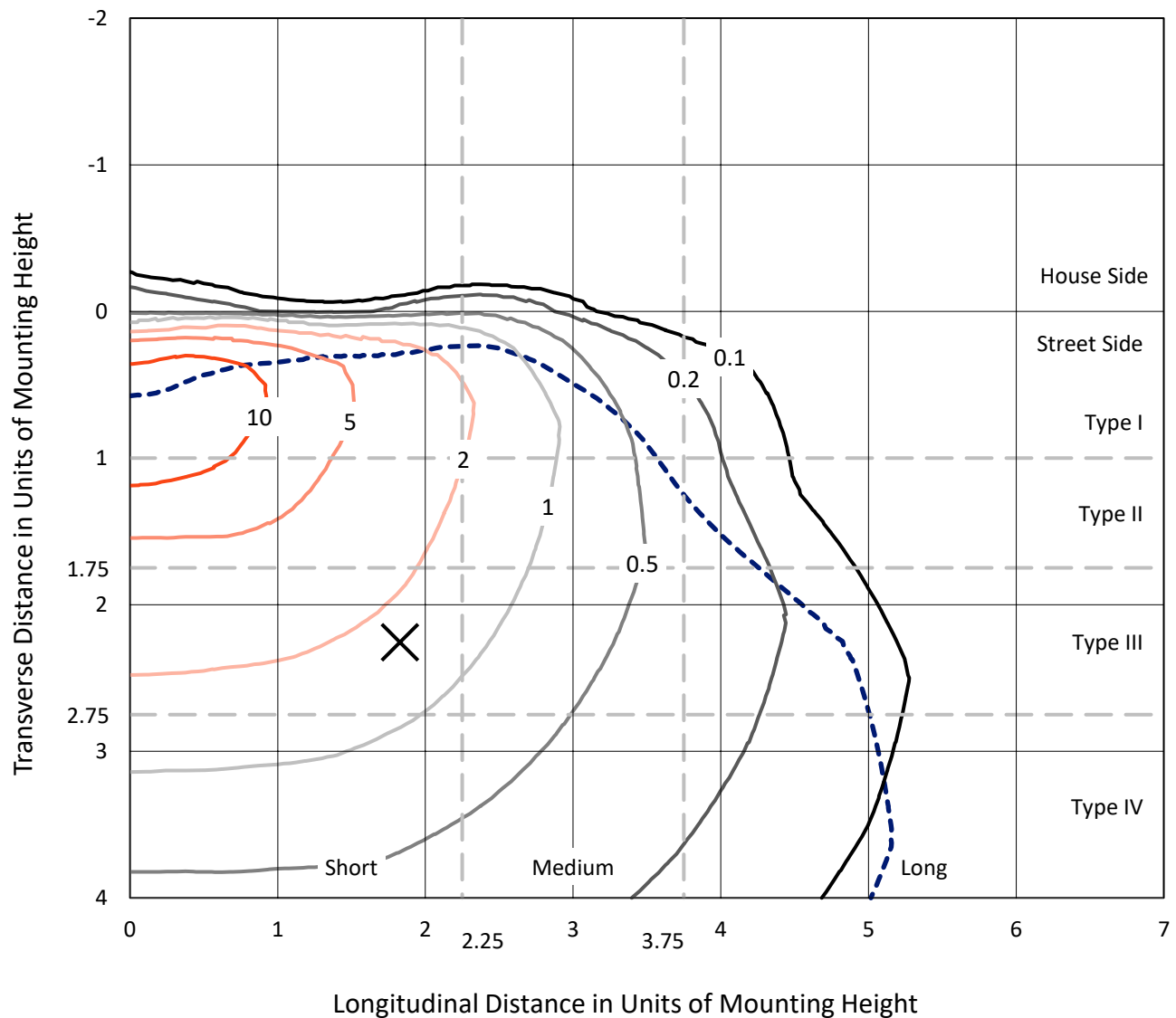


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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

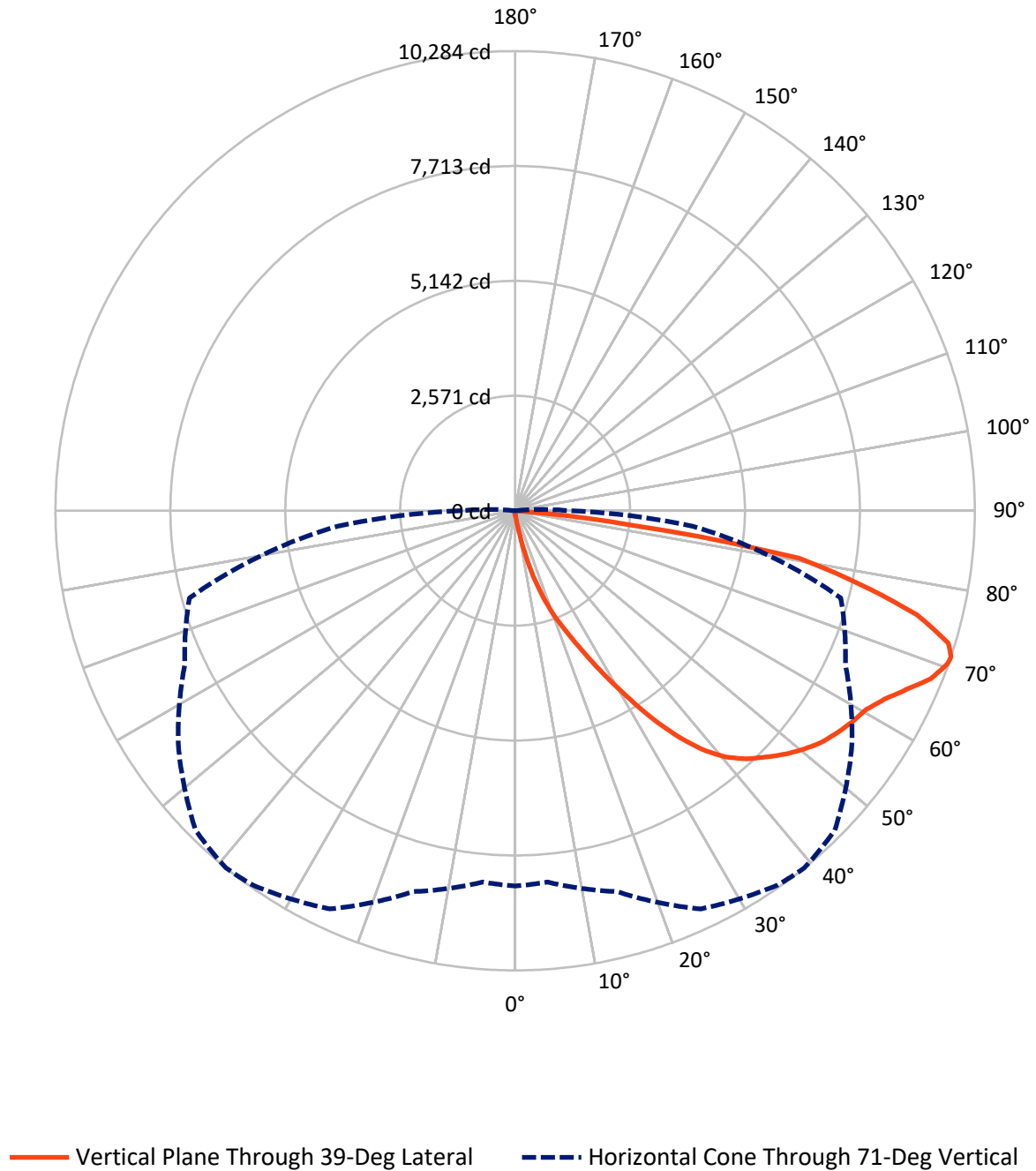


Based on 15 foot mounting height. Maximum calculated value = 16.8 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	58.2	0.0	58.2
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	16327.4	0.0	16327.4
	% Fixture	99.6	0.0	99.6
Total	Lumens	16385.6	0.0	16385.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	13.7	0.1
10°-20°	175.1	1.1
20°-30°	623.7	3.8
30°-40°	1503.1	9.2
40°-50°	2515.6	15.4
50°-60°	3231.0	19.7
60°-70°	4088.8	25.0
70°-80°	3645.4	22.2
80°-90°	589.3	3.6
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°	16385.6	100.0
0°-180°	16385.6	100.0



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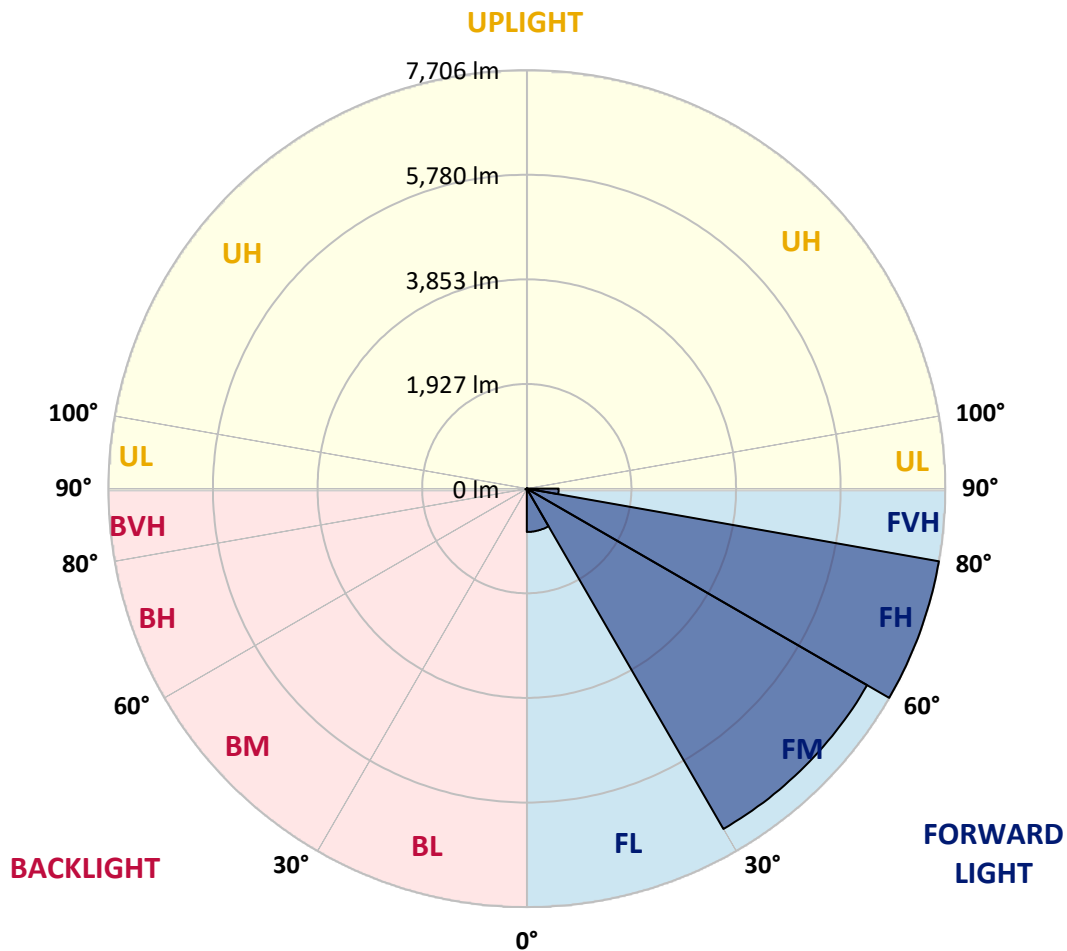
CATALOG NUMBER: GALN-SA5A-727-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	798.4	4.9			
FM	(30°-60°)	7236.2	44.2			
FH	(60°-80°)	7706.2	47.0			G4/12000
FVH	(80°-90°)	586.6	3.6			G4/750
BL	(0°-30°)	14.1	0.1	B0/110		
BM	(30°-60°)	13.5	0.1	B0/220		
BH	(60°-80°)	28.0	0.2	B0/110		G0/110
BVH	(80°-90°)	2.7	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-G4

Type IV Short





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CATALOG NUMBER: GALN-SA5A-727-U-T4BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
2.5°	103.2	103.2	103.2	99.8	99.8	98.7	97.6	97.6	95.4	94.3	92.1
5°	156.4	153.1	145.3	140.9	132.0	126.5	120.9	113.1	105.4	99.8	93.2
7.5°	353.8	361.6	336.1	288.4	239.6	218.5	183.0	147.5	122.0	105.4	94.3
10°	901.8	897.4	810.8	715.4	552.4	486.9	381.6	240.7	157.5	115.4	95.4
12.5°	1534.1	1529.6	1427.6	1297.8	1082.6	946.2	746.5	449.2	226.3	130.9	95.4
15°	2065.4	2047.6	2015.5	1886.8	1635.0	1520.7	1256.7	794.2	366.0	157.5	97.6
17.5°	2417.0	2401.5	2371.5	2324.9	2165.2	2029.9	1818.0	1247.9	592.3	204.1	102.0
20°	2739.8	2728.7	2704.3	2695.4	2592.2	2520.1	2344.9	1769.2	922.9	277.3	108.7
22.5°	3183.5	3160.2	3170.2	3116.9	3016.0	2929.5	2821.9	2314.9	1326.6	399.3	120.9
25°	3727.0	3715.9	3688.2	3650.4	3510.7	3435.3	3270.0	2829.6	1778.1	559.0	134.2
27.5°	4383.6	4371.4	4364.8	4278.3	4117.4	4035.3	3804.6	3315.5	2286.1	783.1	152.0
30°	5140.1	5145.7	5102.4	4991.5	4804.0	4688.7	4451.3	3824.6	2806.3	1046.0	170.8
32.5°	5923.2	5912.1	5845.6	5714.7	5547.2	5439.6	5137.9	4382.5	3352.1	1393.2	193.0
35°	6767.4	6746.3	6571.0	6421.3	6278.2	6142.9	5867.8	5030.3	3897.8	1782.5	223.0
37.5°	7619.2	7520.5	7168.9	6979.2	6880.5	6769.6	6513.3	5721.4	4440.2	2217.3	259.6
40°	8262.6	8186.0	7769.0	7419.6	7340.8	7246.5	7055.8	6318.1	5017.0	2684.3	303.9
42.5°	8618.6	8576.5	8201.6	7856.6	7671.4	7588.2	7425.1	6839.5	5587.1	3200.1	368.3
45°	8770.6	8705.2	8454.5	8293.6	7998.6	7861.0	7666.9	7233.2	6182.8	3785.8	458.1
47.5°	8724.0	8686.3	8506.6	8565.4	8351.3	8137.2	7852.2	7534.9	6691.9	4458.0	581.2
50°	8431.2	8399.0	8343.6	8661.9	8635.3	8382.4	8091.8	7773.4	7107.9	5151.2	772.0
52.5°	7874.4	7861.0	8003.0	8586.5	8796.1	8598.7	8322.5	7984.2	7496.1	5875.5	1044.9
55°	7156.7	7211.0	7617.0	8468.9	8878.2	8758.4	8526.6	8181.6	7807.8	6523.3	1447.5
57.5°	6861.6	6876.1	7383.0	8385.7	8914.8	8899.3	8725.1	8370.2	8094.0	7041.3	2062.0
60°	7206.6	7184.4	7451.7	8448.9	8988.0	9025.7	8901.5	8545.4	8342.4	7486.1	2880.6
62.5°	7830.0	7817.8	7903.2	8718.5	9202.1	9278.6	9146.6	8671.9	8562.1	7779.0	3814.6
65°	8386.8	8361.3	8519.9	9196.5	9578.1	9632.5	9517.1	8888.2	8658.6	7991.9	4692.0
67.5°	8627.5	8622.0	8877.1	9651.3	9973.0	10031.8	9930.9	9186.6	8636.4	8059.6	5079.1
70°	8517.7	8496.6	8904.8	9844.3	10196.0	10262.5	10164.9	9297.5	8395.7	7845.5	4505.7
71°	8396.8	8340.2	8821.6	9831.0	10227.0	10283.6	10112.8	9196.5	8153.9	7541.6	3985.4
72.5°	8021.9	8031.9	8593.1	9692.4	10152.7	10136.1	9817.7	8834.9	7862.2	6851.7	3201.2
75°	7099.0	7157.8	7853.3	9110.0	9489.4	9277.5	8790.6	8143.9	7276.5	4912.7	2222.9
77.5°	5801.2	5888.9	6653.1	7989.7	7882.1	7861.0	7841.1	7175.5	6213.9	2638.8	1546.3
80°	2769.7	2959.4	4013.2	5703.6	6196.1	6434.6	6284.8	5782.4	4805.1	1256.7	924.0
82.5°	180.8	178.6	252.9	479.2	2019.9	2611.1	4148.5	4133.0	3349.8	612.3	377.1
85°	85.4	87.6	96.5	109.8	127.6	139.8	193.0	1131.4	1602.8	291.7	82.1
87.5°	49.9	51.0	59.9	76.5	99.8	110.9	132.0	169.7	208.5	160.8	17.7
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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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
2.5°	91.0	89.8	86.5	83.2	79.9	77.6	76.5	77.6	77.6	78.8	78.8
5°	91.0	87.6	82.1	75.4	71.0	66.6	64.3	63.2	64.3	64.3	64.3
7.5°	89.8	84.3	76.5	68.8	63.2	57.7	55.5	54.4	54.4	55.5	55.5
10°	87.6	82.1	72.1	63.2	56.6	49.9	46.6	43.3	43.3	43.3	44.4
12.5°	86.5	78.8	66.6	57.7	48.8	41.0	34.4	31.1	32.2	32.2	32.2
15°	84.3	75.4	63.2	52.1	41.0	31.1	25.5	22.2	23.3	24.4	23.3
17.5°	84.3	74.3	58.8	45.5	32.2	23.3	18.9	16.6	16.6	17.7	17.7
20°	84.3	72.1	55.5	38.8	24.4	17.7	13.3	12.2	12.2	14.4	15.5
22.5°	86.5	72.1	51.0	32.2	20.0	13.3	10.0	8.9	10.0	12.2	13.3
25°	89.8	71.0	46.6	28.8	16.6	10.0	7.8	5.5	6.7	8.9	10.0
27.5°	93.2	69.9	42.2	25.5	13.3	7.8	5.5	4.4	3.3	4.4	4.4
30°	96.5	69.9	37.7	21.1	11.1	5.5	3.3	2.2	1.1	0.0	0.0
32.5°	98.7	67.7	34.4	16.6	8.9	4.4	2.2	1.1	0.0	0.0	0.0
35°	100.9	65.4	29.9	13.3	6.7	3.3	1.1	0.0	0.0	0.0	0.0
37.5°	103.2	62.1	25.5	11.1	5.5	2.2	0.0	0.0	0.0	0.0	0.0
40°	105.4	57.7	21.1	10.0	3.3	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	107.6	54.4	17.7	7.8	2.2	0.0	0.0	0.0	0.0	0.0	0.0
45°	113.1	52.1	14.4	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	123.1	49.9	13.3	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	137.5	47.7	12.2	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	157.5	46.6	11.1	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	193.0	45.5	10.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	254.0	44.4	10.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	389.3	42.2	10.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	695.5	41.0	8.9	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1212.4	42.2	8.9	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1738.1	44.4	7.8	3.3	1.1	0.0	0.0	0.0	0.0	0.0	0.0
70°	1487.5	38.8	7.8	4.4	2.2	1.1	0.0	0.0	0.0	0.0	0.0
71°	1212.4	34.4	7.8	4.4	2.2	1.1	1.1	0.0	0.0	0.0	0.0
72.5°	779.8	26.6	6.7	4.4	2.2	2.2	1.1	0.0	0.0	0.0	0.0
75°	329.4	22.2	6.7	4.4	3.3	2.2	2.2	1.1	0.0	0.0	0.0
77.5°	140.9	16.6	6.7	5.5	4.4	3.3	3.3	2.2	1.1	0.0	0.0
80°	53.2	13.3	7.8	6.7	5.5	5.5	4.4	2.2	1.1	0.0	0.0
82.5°	24.4	11.1	7.8	6.7	6.7	5.5	4.4	3.3	2.2	0.0	0.0
85°	15.5	10.0	7.8	6.7	6.7	5.5	5.5	3.3	2.2	0.0	0.0
87.5°	12.2	10.0	7.8	7.8	6.7	6.7	4.4	3.3	1.1	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

REPORT NUMBER: SP1-2407-184-3

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)