

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: P1047725

Luminaire Tested: **GALN-SA8A-727-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047725
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA8A-727-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 8xLight Square PACKAGE
70CRI 2700K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (112) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 25910.1 lumens
Efficiency: N/A
Efficacy: 119.1 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 217.6
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



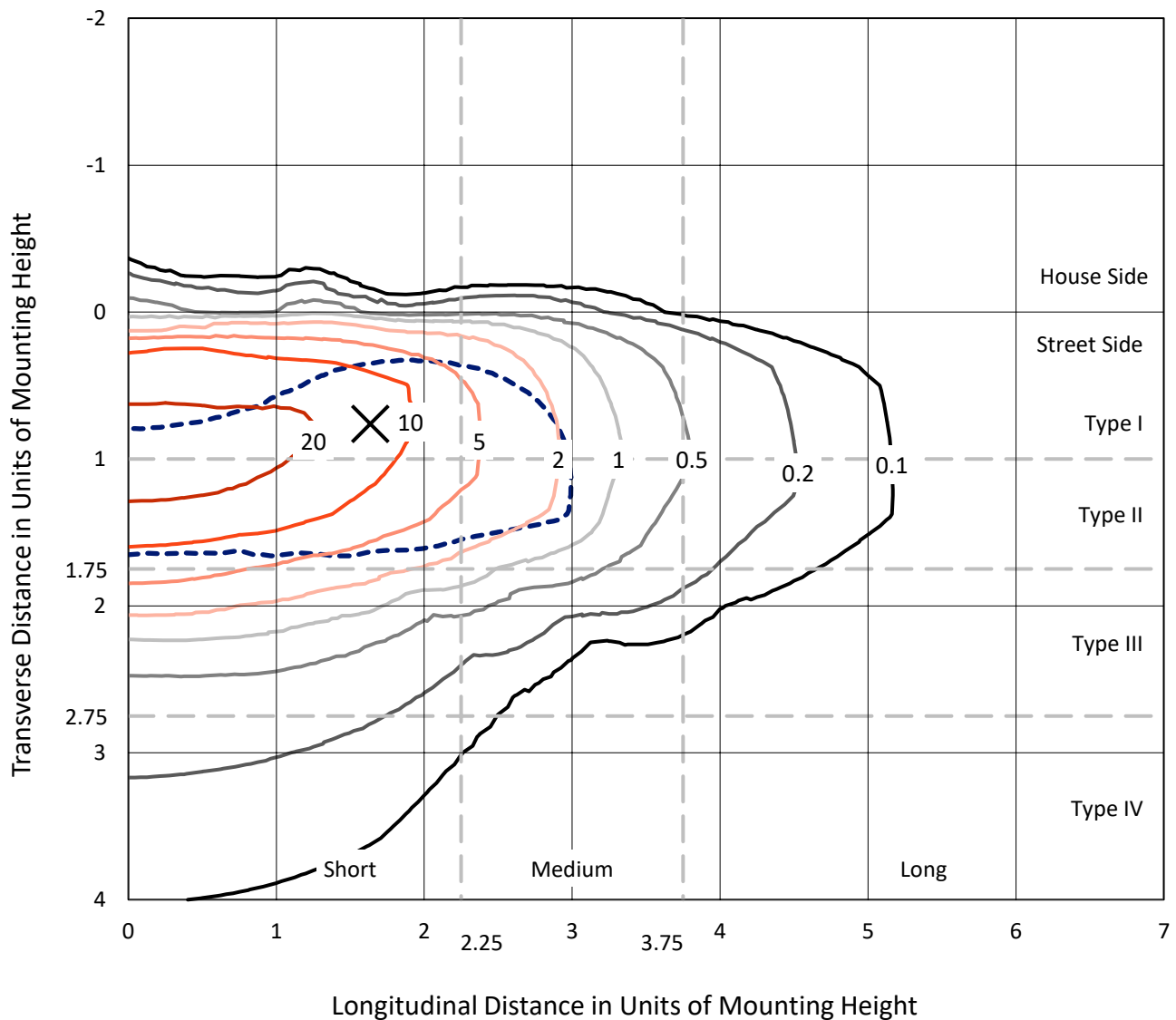
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CATALOG NUMBER: GALN-SA8A-727-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

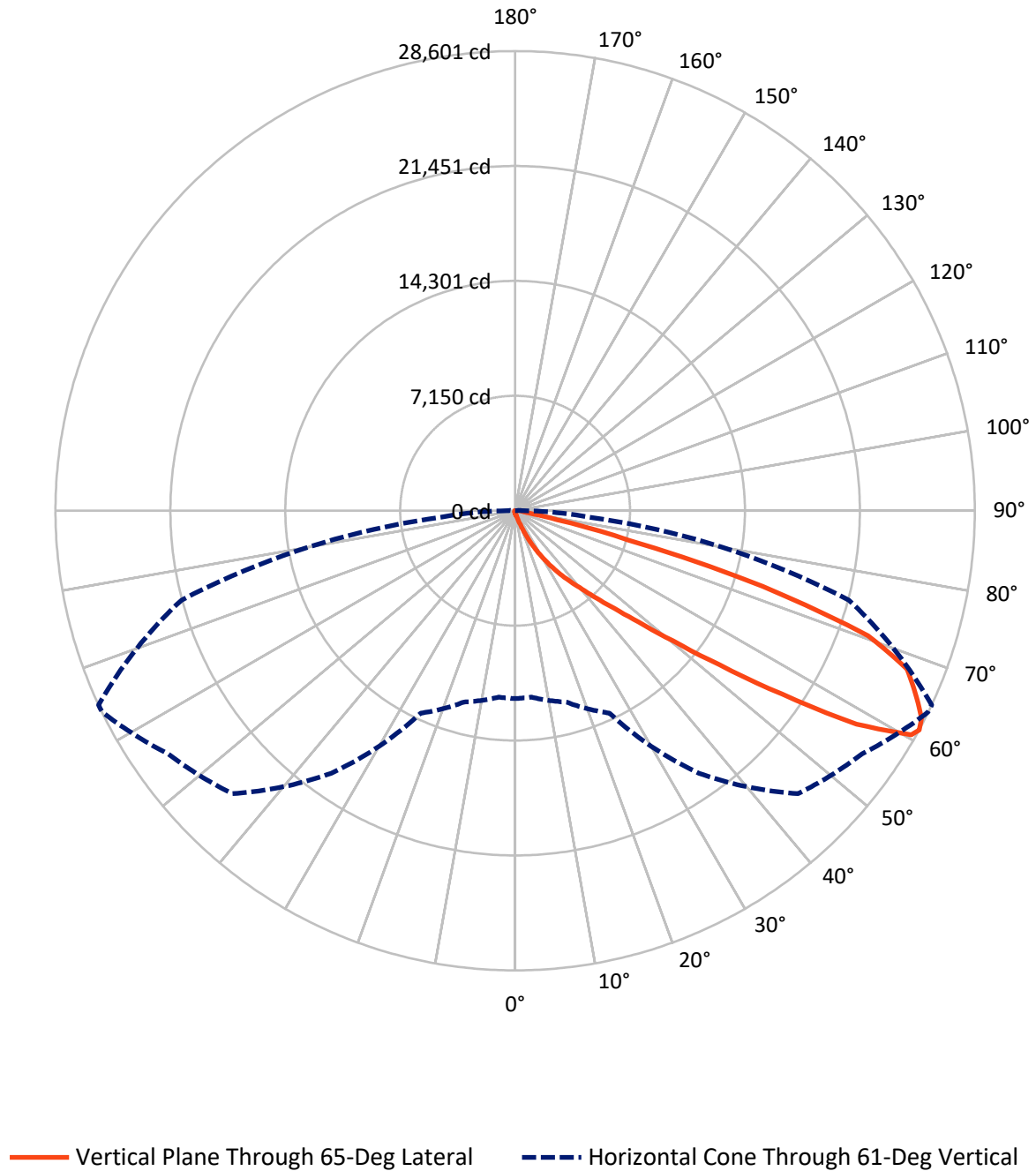


Based on 15 foot mounting height. Maximum calculated value = 34.3 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



REPORT NUMBER: P1047725

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	110.6	0.0	110.6
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	25799.5	0.0	25799.5
	% Fixture	99.6	0.0	99.6
Total	Lumens	25910.1	0.0	25910.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	20.2	0.1
10°-20°	213.1	0.8
20°-30°	764.6	3.0
30°-40°	2035.8	7.9
40°-50°	5348.0	20.6
50°-60°	8285.1	32.0
60°-70°	6946.9	26.8
70°-80°	2044.4	7.9
80°-90°	252.2	1.0
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°	25910.1	100.0
0°-180°	25910.1	100.0



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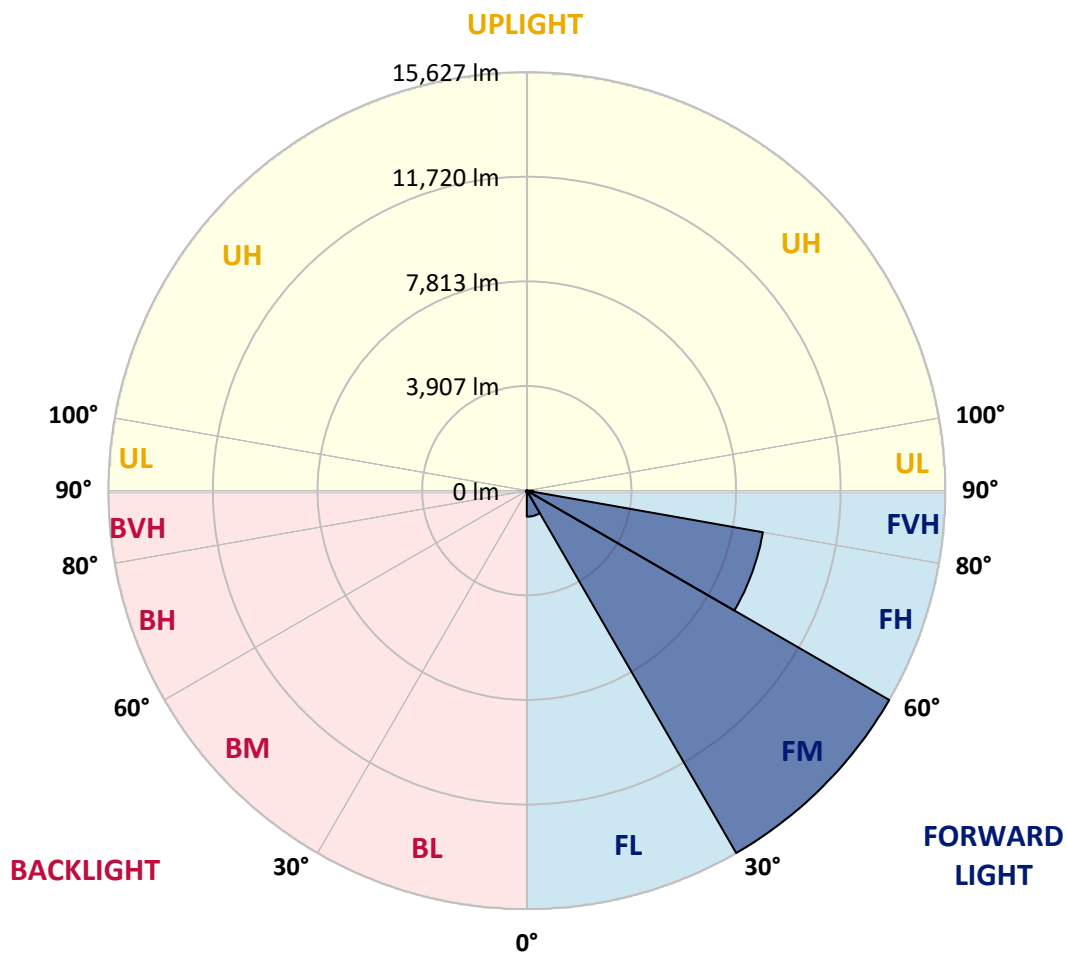
CATALOG NUMBER: GALN-SA8A-727-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	973.1	3.8			
FM	(30°-60°)	15626.7	60.3			
FH	(60°-80°)	8952.2	34.6			G4/12000
FVH	(80°-90°)	247.5	1.0			G3/500
BL	(0°-30°)	24.8	0.1	B0/110		
BM	(30°-60°)	42.1	0.2	B0/220		
BH	(60°-80°)	39.0	0.2	B0/110		G0/110
BVH	(80°-90°)	4.7	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 II Short



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CATALOG NUMBER: GALN-SA8A-727-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	158.6	158.6	158.6	158.6	158.6	158.6	158.6	158.6	158.6	158.6	158.6
2.5°	192.5	194.3	190.7	183.6	178.2	178.2	176.5	171.1	171.1	165.8	162.2
5°	269.1	265.6	258.4	244.2	231.7	219.2	206.8	194.3	192.5	176.5	165.8
7.5°	440.2	443.8	420.6	376.1	338.6	290.5	246.0	219.2	215.7	188.9	167.5
10°	966.0	939.3	885.8	712.9	586.4	442.0	327.9	254.9	251.3	203.2	171.1
12.5°	1760.9	1739.6	1641.5	1463.3	1137.1	791.4	479.4	315.5	304.8	215.7	172.9
15°	2538.0	2504.2	2450.7	2270.7	1889.3	1418.7	784.2	431.3	402.8	233.5	171.1
17.5°	3033.5	3038.9	2990.8	2914.1	2668.2	2099.6	1354.6	643.4	588.2	265.6	167.5
20°	3466.6	3454.2	3480.9	3439.9	3267.0	2853.5	1971.3	1019.5	925.0	317.3	169.3
22.5°	3965.7	3996.0	4015.6	4006.7	3816.0	3463.1	2671.7	1525.7	1406.3	411.7	174.7
25°	4634.1	4630.5	4632.3	4609.1	4423.8	4031.6	3374.0	2154.8	2033.6	565.0	187.1
27.5°	5334.5	5355.9	5364.8	5281.1	5038.7	4653.7	4024.5	2842.8	2700.2	811.0	203.2
30°	6291.6	6273.8	6232.8	6061.7	5767.6	5290.0	4666.2	3564.7	3415.0	1155.0	228.1
32.5°	7582.1	7562.5	7355.7	6977.8	6537.6	5953.0	5311.4	4288.3	4106.5	1584.5	262.0
35°	9708.4	9738.7	9230.7	8252.2	7462.6	6749.7	6026.1	5008.4	4848.0	2113.9	308.3
37.5°	12964.7	12799.0	12109.2	10380.3	8680.0	7744.3	6708.7	5735.6	5596.5	2766.2	368.9
40°	16128.4	15964.4	15764.8	14126.8	10795.6	8840.4	7664.0	6589.3	6409.3	3502.3	458.1
42.5°	19454.2	19363.3	19354.4	18119.2	14656.2	10563.9	8813.7	7589.2	7435.9	4309.7	604.2
45°	21810.5	21719.6	21910.3	22125.9	19914.0	14256.9	10815.2	8888.5	8665.7	5290.0	837.7
47.5°	22127.7	22131.3	22641.0	23316.5	23820.9	19969.3	13481.6	10610.3	10339.3	6692.7	1229.8
50°	21072.6	21113.6	21924.5	23132.9	24491.1	24762.0	18183.4	13109.1	12708.1	8355.6	1785.9
52.5°	19063.9	19110.2	20240.2	22227.5	23874.4	25913.4	23719.3	16377.9	15916.3	10430.2	2570.1
55°	17254.8	17283.3	18579.1	21090.4	23131.2	25287.8	27006.0	20742.8	20136.8	12982.5	3343.7
57.5°	15463.6	15397.6	16240.7	19115.6	23004.6	24519.6	27490.8	25717.3	25049.0	15771.9	3946.1
60°	13068.1	12957.6	13634.9	15463.6	21339.9	25024.0	26583.6	28469.3	28317.8	19655.6	4411.3
61°	11690.3	11644.0	12324.9	13893.3	19939.0	24895.7	26366.1	28585.1	28601.2	21493.2	4619.8
62.5°	8348.5	8480.4	9521.2	11560.2	16700.5	24063.3	26394.6	28226.9	28385.5	23935.0	5159.9
65°	3710.8	3922.9	4732.1	6391.5	9712.0	20017.4	26141.5	27440.9	27362.4	24605.2	7020.6
67.5°	2201.2	2233.3	2636.1	3621.7	5143.8	10767.1	23068.8	26401.8	26296.6	21420.1	8735.2
70°	1734.2	1750.3	1878.6	2272.5	2985.4	4124.3	13166.1	22842.4	23300.5	17368.9	8551.7
72.5°	1645.1	1641.5	1659.4	1728.9	1880.4	2046.1	5097.5	15183.7	16115.9	12508.4	7170.3
75°	1623.7	1616.6	1598.8	1572.0	1361.7	1204.9	1579.2	6715.8	7255.9	8546.3	5398.7
77.5°	1575.6	1577.4	1580.9	1507.9	1167.4	852.0	764.6	2154.8	2650.3	5423.7	3837.4
80°	1065.8	1081.9	1108.6	1080.1	1049.8	616.7	540.0	766.4	777.1	3044.2	2534.5
82.5°	540.0	540.0	527.6	470.5	406.4	401.0	429.5	556.1	563.2	1539.9	1192.4
85°	326.2	344.0	351.1	319.0	292.3	269.1	327.9	442.0	458.1	597.1	278.0
87.5°	73.1	74.9	82.0	108.7	158.6	215.7	304.8	404.6	411.7	383.2	33.9
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-SA8A-727-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	158.6	158.6	158.6	158.6	158.6	158.6	158.6	158.6	158.6	158.6	158.6
2.5°	160.4	156.8	155.1	149.7	144.4	139.0	135.5	133.7	135.5	137.2	137.2
5°	158.6	153.3	144.4	135.5	128.3	121.2	114.1	112.3	112.3	114.1	114.1
7.5°	158.6	149.7	137.2	126.5	115.9	105.2	99.8	96.2	98.0	98.0	98.0
10°	158.6	147.9	131.9	115.9	103.4	90.9	82.0	78.4	78.4	78.4	78.4
12.5°	156.8	146.2	126.5	106.9	89.1	74.9	64.2	58.8	60.6	60.6	60.6
15°	153.3	140.8	119.4	90.9	71.3	57.0	46.3	41.0	42.8	46.3	48.1
17.5°	147.9	135.5	106.9	76.6	57.0	42.8	32.1	28.5	30.3	35.6	35.6
20°	146.2	130.1	94.5	62.4	42.8	30.3	21.4	17.8	19.6	26.7	28.5
22.5°	146.2	126.5	85.6	51.7	32.1	19.6	12.5	7.1	7.1	12.5	12.5
25°	147.9	124.8	78.4	42.8	23.2	14.3	7.1	3.6	7.1	19.6	23.2
27.5°	151.5	123.0	74.9	35.6	17.8	12.5	5.3	12.5	21.4	21.4	21.4
30°	155.1	119.4	69.5	30.3	16.0	8.9	8.9	17.8	17.8	21.4	23.2
32.5°	160.4	117.6	65.9	26.7	12.5	7.1	12.5	10.7	10.7	12.5	14.3
35°	171.1	119.4	62.4	26.7	12.5	8.9	10.7	5.3	3.6	3.6	3.6
37.5°	185.4	121.2	57.0	23.2	10.7	10.7	5.3	0.0	0.0	0.0	0.0
40°	208.5	126.5	53.5	21.4	8.9	8.9	1.8	0.0	0.0	0.0	0.0
42.5°	247.7	137.2	51.7	19.6	8.9	7.1	0.0	0.0	0.0	0.0	0.0
45°	326.2	162.2	48.1	17.8	8.9	3.6	0.0	0.0	0.0	0.0	0.0
47.5°	468.8	221.0	46.3	14.3	5.3	0.0	0.0	0.0	0.0	0.0	0.0
50°	684.4	299.4	44.6	12.5	1.8	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	873.3	315.5	30.3	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	894.7	217.4	23.2	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	712.9	140.8	19.6	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	540.0	106.9	17.8	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	518.7	96.2	17.8	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	572.1	83.8	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	930.4	69.5	14.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1616.6	60.6	12.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2042.6	57.0	10.7	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1780.6	51.7	10.7	3.6	1.8	0.0	0.0	0.0	0.0	0.0	0.0
75°	1071.2	44.6	10.7	7.1	3.6	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	561.4	33.9	10.7	8.9	5.3	1.8	0.0	0.0	0.0	0.0	0.0
80°	272.7	30.3	12.5	8.9	7.1	3.6	0.0	0.0	0.0	0.0	0.0
82.5°	106.9	25.0	14.3	12.5	8.9	5.3	1.8	0.0	0.0	0.0	0.0
85°	48.1	21.4	16.0	14.3	12.5	7.1	1.8	0.0	0.0	0.0	0.0
87.5°	25.0	19.6	17.8	16.0	12.5	8.9	3.6	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

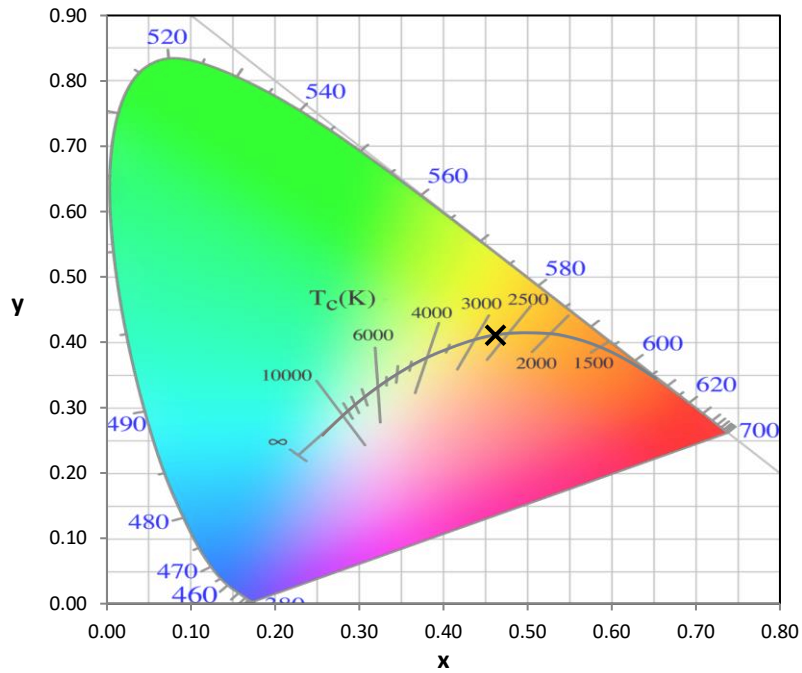
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

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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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CIE 1931 Chromaticity Diagram



CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2700K 4-step quadrangle

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Photopic Flux vs. Wavelength



Photopic Lumens: NR

λ (nm)	Power W/nm	Lumens (ϕ/nm)	λ (nm)	Power W/nm	Lumens (ϕ/nm)	λ (nm)	Power W/nm	Lumens (ϕ/nm)	λ (nm)	Power W/nm	Lumens (ϕ/nm)	λ (nm)	Power W/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 W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /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

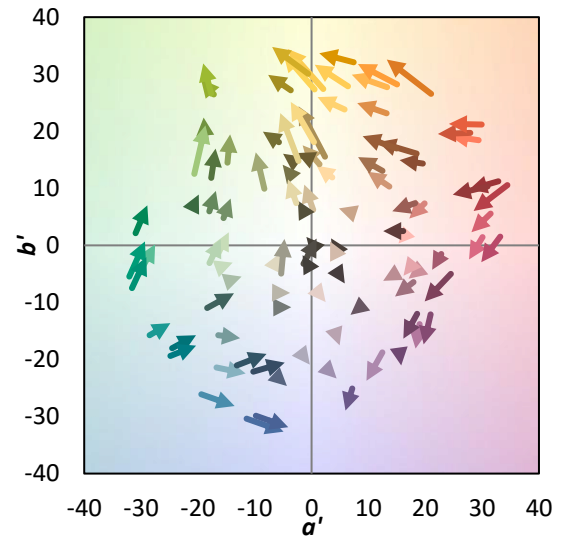
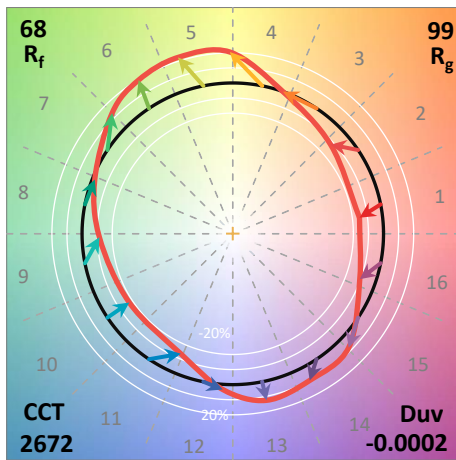
Summary

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

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)