

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: P1047721

Luminaire Tested: **GALN-SA7A-727-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047721
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA7A-727-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 7xLight Square PACKAGE
70CRI 2700K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (98) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 22574.5 lumens
Efficiency: N/A
Efficacy: 116.9 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): 193.1
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



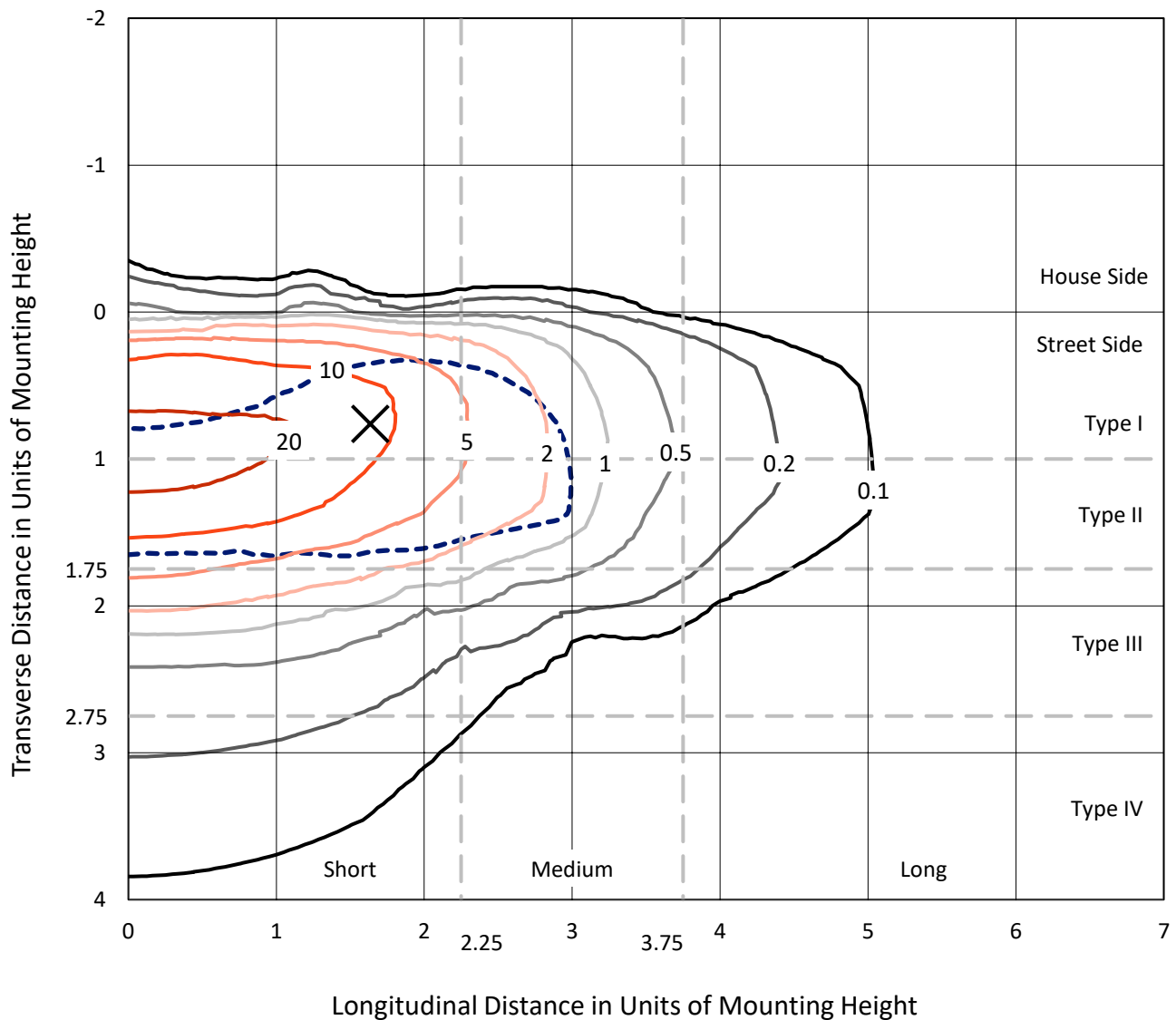
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

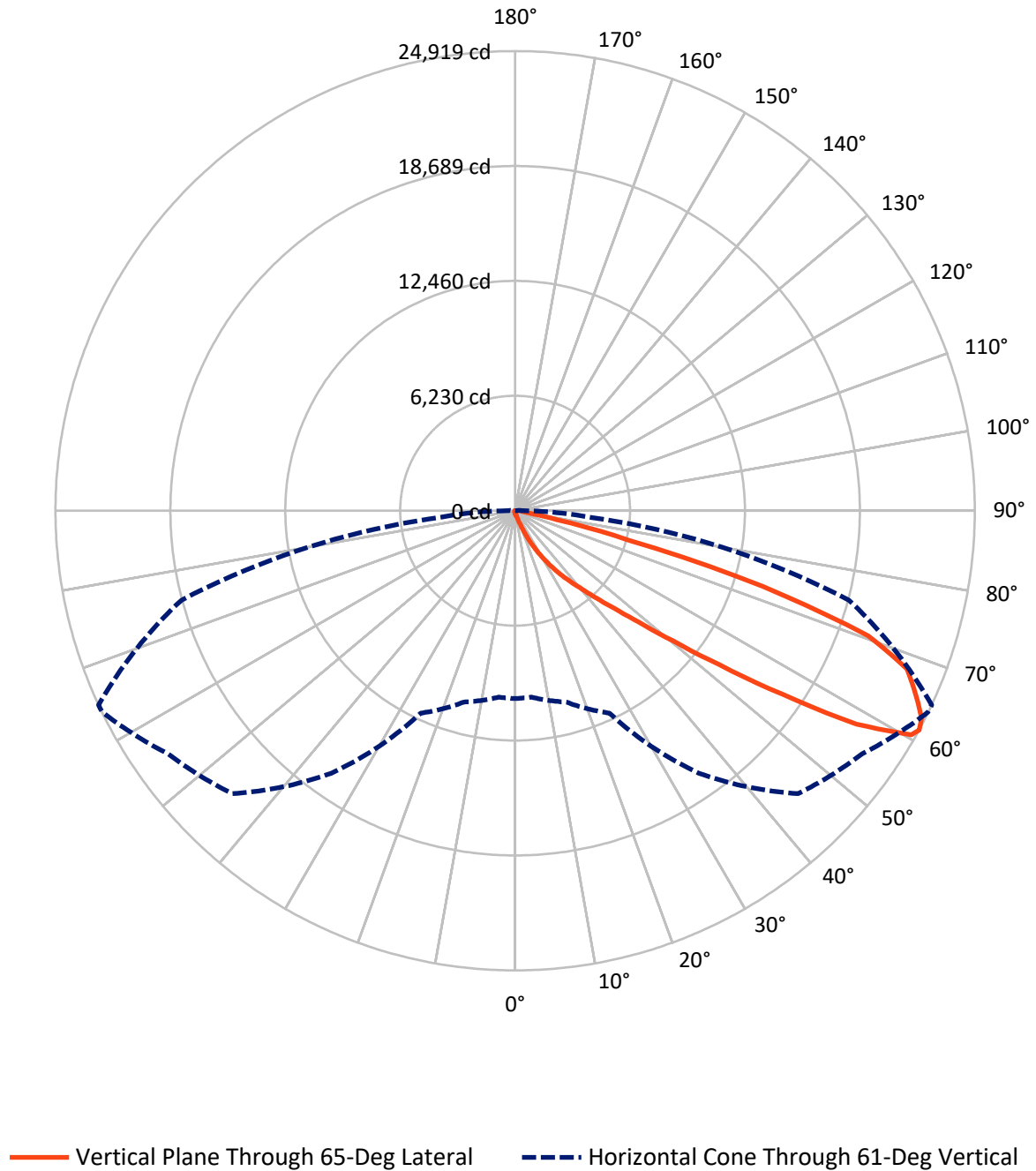


Based on 15 foot mounting height. Maximum calculated value = 29.9 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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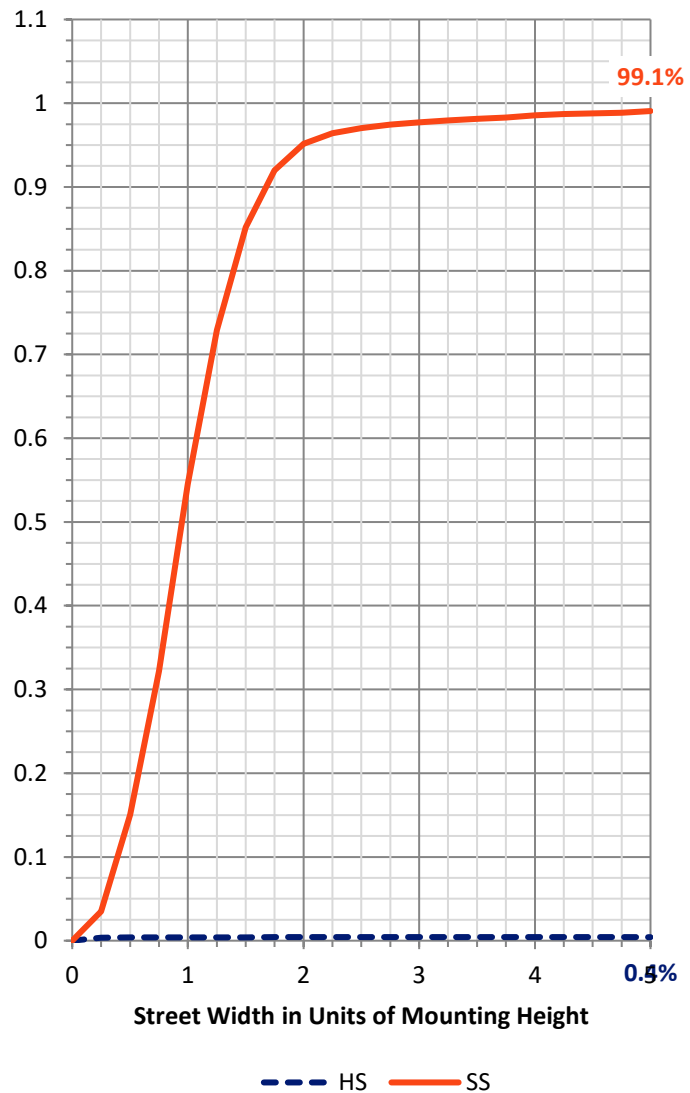
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	96.4	0.0	96.4
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	22478.1	0.0	22478.1
	% Fixture	99.6	0.0	99.6
Total	Lumens	22574.5	0.0	22574.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	17.6	0.1
10°-20°	185.6	0.8
20°-30°	666.2	3.0
30°-40°	1773.7	7.9
40°-50°	4659.5	20.6
50°-60°	7218.4	32.0
60°-70°	6052.6	26.8
70°-80°	1781.2	7.9
80°-90°	219.7	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°	22574.5	100.0
0°-180°	22574.5	100.0

Coefficient of Utilization



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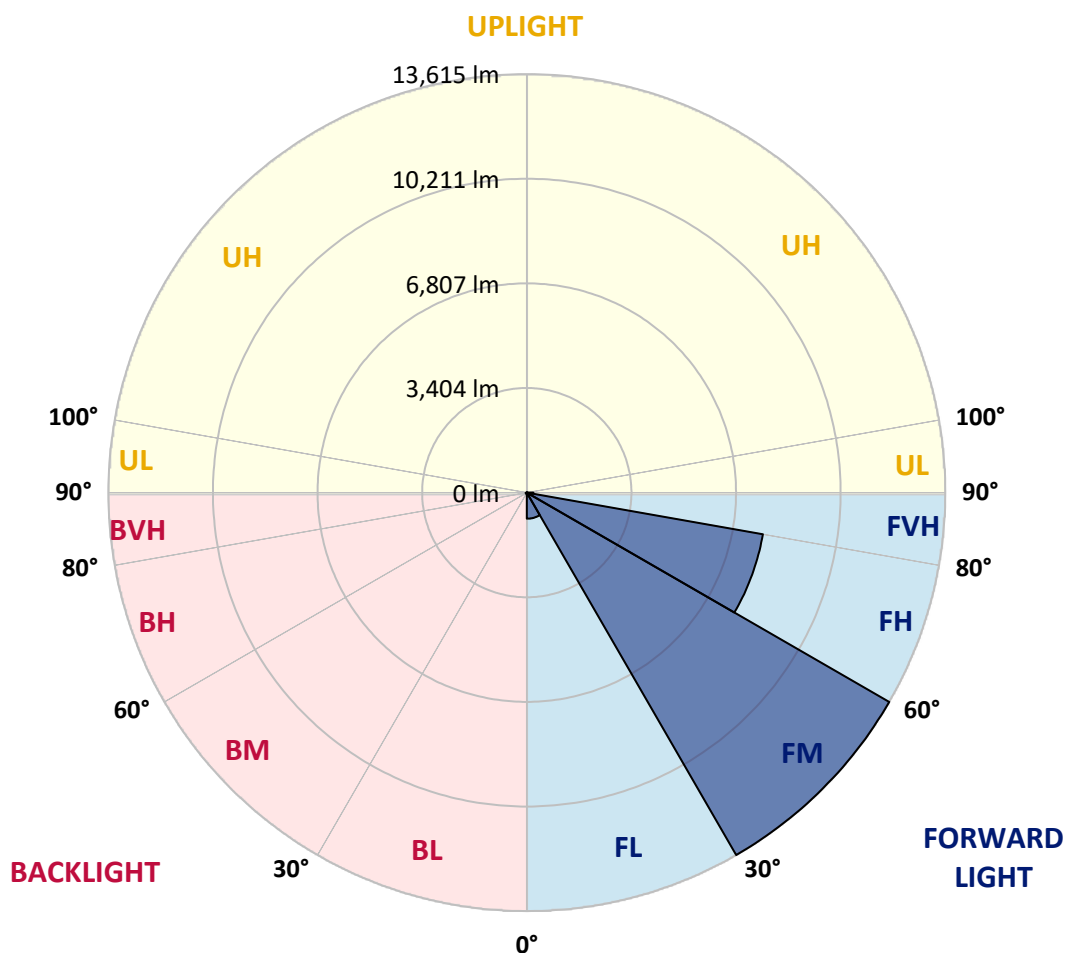
CATALOG NUMBER: GALN-SA7A-727-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	847.8	3.8			
FM	(30°-60°)	13615.0	60.3			
FH	(60°-80°)	7799.7	34.6			G4/12000
FVH	(80°-90°)	215.6	1.0			G2/225
BL	(0°-30°)	21.6	0.1	B0/110		
BM	(30°-60°)	36.7	0.2	B0/220		
BH	(60°-80°)	34.0	0.2	B0/110		G0/110
BVH	(80°-90°)	4.1	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-SA7A-727-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	138.2	138.2	138.2	138.2	138.2	138.2	138.2	138.2	138.2	138.2	138.2
2.5°	167.7	169.3	166.2	159.9	155.3	155.3	153.7	149.1	149.1	144.4	141.3
5°	234.5	231.4	225.2	212.7	201.9	191.0	180.1	169.3	167.7	153.7	144.4
7.5°	383.6	386.7	366.5	327.7	295.0	253.1	214.3	191.0	187.9	164.6	146.0
10°	841.7	818.4	771.8	621.2	510.9	385.1	285.7	222.1	219.0	177.0	149.1
12.5°	1534.2	1515.6	1430.2	1274.9	990.7	689.5	417.7	274.9	265.5	187.9	150.6
15°	2211.3	2181.8	2135.2	1978.4	1646.1	1236.1	683.3	375.8	351.0	203.4	149.1
17.5°	2643.0	2647.7	2605.7	2539.0	2324.7	1829.3	1180.2	560.6	512.5	231.4	146.0
20°	3020.4	3009.5	3032.8	2997.1	2846.4	2486.2	1717.5	888.2	805.9	276.4	147.5
22.5°	3455.2	3481.6	3498.6	3490.9	3324.7	3017.2	2327.8	1329.3	1225.2	358.7	152.2
25°	4037.5	4034.4	4035.9	4015.8	3854.3	3512.6	2939.6	1877.4	1771.8	492.3	163.1
27.5°	4647.8	4666.4	4674.2	4601.2	4390.0	4054.6	3506.4	2476.8	2352.6	706.6	177.0
30°	5481.7	5466.1	5430.4	5281.4	5025.1	4609.0	4065.4	3105.8	2975.3	1006.3	198.8
32.5°	6606.0	6588.9	6408.7	6079.5	5696.0	5186.6	4627.6	3736.2	3577.8	1380.5	228.3
35°	8458.5	8484.9	8042.4	7189.8	6501.9	5880.8	5250.3	4363.6	4223.8	1841.7	268.6
37.5°	11295.7	11151.2	10550.3	9044.0	7562.5	6747.3	5845.0	4997.2	4876.0	2410.1	321.4
40°	14052.0	13909.2	13735.2	12308.1	9405.8	7702.3	6677.4	5741.0	5584.2	3051.4	399.1
42.5°	16949.7	16870.5	16862.7	15786.6	12769.3	9203.9	7679.0	6612.2	6478.6	3754.9	526.4
45°	19002.6	18923.4	19089.6	19277.5	17350.3	12421.5	9422.9	7744.2	7550.1	4609.0	729.9
47.5°	19279.0	19282.1	19726.3	20314.8	20754.3	17398.5	11746.0	9244.3	9008.3	5831.1	1071.5
50°	18359.7	18395.4	19102.0	20154.9	21338.1	21574.2	15842.5	11421.4	11072.0	7279.9	1556.0
52.5°	16609.6	16650.0	17634.5	19366.0	20800.9	22577.3	20665.8	14269.4	13867.2	9087.5	2239.3
55°	15033.4	15058.3	16187.2	18375.2	20153.3	22032.3	23529.3	18072.4	17544.5	11311.2	2913.2
57.5°	13472.8	13415.3	14149.9	16654.7	20043.0	21363.0	23951.6	22406.5	21824.2	13741.5	3438.1
60°	11385.7	11289.5	11879.5	13472.8	18592.7	21802.5	23161.2	24804.2	24672.2	17125.2	3843.4
61°	10185.4	10145.0	10738.2	12104.7	17372.1	21690.7	22971.8	24905.1	24919.1	18726.2	4025.1
62.5°	7273.7	7388.6	8295.5	10072.0	14550.5	20965.5	22996.6	24593.0	24731.2	20853.6	4495.6
65°	3233.1	3417.9	4122.9	5568.6	8461.7	17440.4	22776.1	23908.2	23839.8	21437.5	6116.8
67.5°	1917.8	1945.8	2296.7	3155.5	4481.6	9381.0	20098.9	23002.8	22911.2	18662.5	7610.7
70°	1511.0	1524.9	1636.7	1979.9	2601.1	3593.4	11471.1	19901.7	20300.8	15132.8	7450.7
72.5°	1433.3	1430.2	1445.7	1506.3	1638.3	1782.7	4441.2	13229.0	14041.2	10898.1	6247.2
75°	1414.7	1408.5	1392.9	1369.6	1186.4	1049.7	1375.9	5851.3	6321.8	7446.1	4703.7
77.5°	1372.7	1374.3	1377.4	1313.7	1017.1	742.3	666.2	1877.4	2309.1	4725.4	3343.4
80°	928.6	942.6	965.9	941.0	914.6	537.3	470.5	667.7	677.1	2652.3	2208.2
82.5°	470.5	470.5	459.7	410.0	354.1	349.4	374.2	484.5	490.7	1341.7	1038.9
85°	284.2	299.7	305.9	278.0	254.7	234.5	285.7	385.1	399.1	520.2	242.2
87.5°	63.7	65.2	71.4	94.7	138.2	187.9	265.5	352.5	358.7	333.9	29.5
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°	138.2	138.2	138.2	138.2	138.2	138.2	138.2	138.2	138.2	138.2	138.2
2.5°	139.8	136.7	135.1	130.4	125.8	121.1	118.0	116.5	118.0	119.6	119.6
5°	138.2	133.5	125.8	118.0	111.8	105.6	99.4	97.8	97.8	99.4	99.4
7.5°	138.2	130.4	119.6	110.3	100.9	91.6	87.0	83.9	85.4	85.4	85.4
10°	138.2	128.9	114.9	100.9	90.1	79.2	71.4	68.3	68.3	68.3	68.3
12.5°	136.7	127.3	110.3	93.2	77.6	65.2	55.9	51.2	52.8	52.8	52.8
15°	133.5	122.7	104.0	79.2	62.1	49.7	40.4	35.7	37.3	40.4	41.9
17.5°	128.9	118.0	93.2	66.8	49.7	37.3	28.0	24.8	26.4	31.1	31.1
20°	127.3	113.4	82.3	54.4	37.3	26.4	18.6	15.5	17.1	23.3	24.8
22.5°	127.3	110.3	74.5	45.0	28.0	17.1	10.9	6.2	6.2	10.9	10.9
25°	128.9	108.7	68.3	37.3	20.2	12.4	6.2	3.1	6.2	17.1	20.2
27.5°	132.0	107.1	65.2	31.1	15.5	10.9	4.7	10.9	18.6	18.6	18.6
30°	135.1	104.0	60.6	26.4	14.0	7.8	7.8	15.5	15.5	18.6	20.2
32.5°	139.8	102.5	57.5	23.3	10.9	6.2	10.9	9.3	9.3	10.9	12.4
35°	149.1	104.0	54.4	23.3	10.9	7.8	9.3	4.7	3.1	3.1	3.1
37.5°	161.5	105.6	49.7	20.2	9.3	9.3	4.7	0.0	0.0	0.0	0.0
40°	181.7	110.3	46.6	18.6	7.8	7.8	1.6	0.0	0.0	0.0	0.0
42.5°	215.9	119.6	45.0	17.1	7.8	6.2	0.0	0.0	0.0	0.0	0.0
45°	284.2	141.3	41.9	15.5	7.8	3.1	0.0	0.0	0.0	0.0	0.0
47.5°	408.4	192.6	40.4	12.4	4.7	0.0	0.0	0.0	0.0	0.0	0.0
50°	596.3	260.9	38.8	10.9	1.6	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	760.9	274.9	26.4	9.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	779.5	189.5	20.2	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	621.2	122.7	17.1	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	470.5	93.2	15.5	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	451.9	83.9	15.5	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	498.5	73.0	14.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	810.6	60.6	12.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1408.5	52.8	10.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1779.6	49.7	9.3	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1551.3	45.0	9.3	3.1	1.6	0.0	0.0	0.0	0.0	0.0	0.0
75°	933.3	38.8	9.3	6.2	3.1	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	489.2	29.5	9.3	7.8	4.7	1.6	0.0	0.0	0.0	0.0	0.0
80°	237.6	26.4	10.9	7.8	6.2	3.1	0.0	0.0	0.0	0.0	0.0
82.5°	93.2	21.7	12.4	10.9	7.8	4.7	1.6	0.0	0.0	0.0	0.0
85°	41.9	18.6	14.0	12.4	10.9	6.2	1.6	0.0	0.0	0.0	0.0
87.5°	21.7	17.1	15.5	14.0	10.9	7.8	3.1	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 ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /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



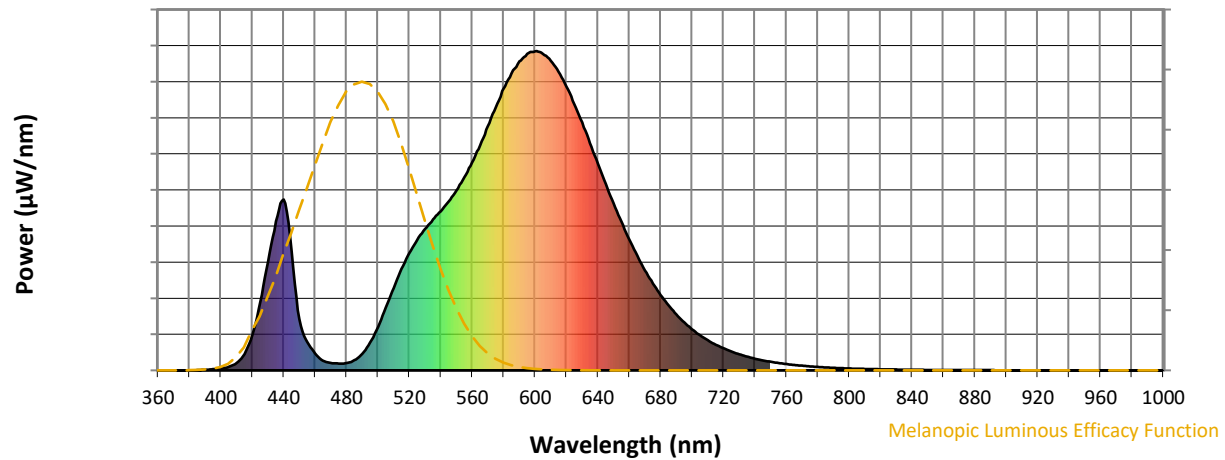
Scotopic Lumens: NR

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

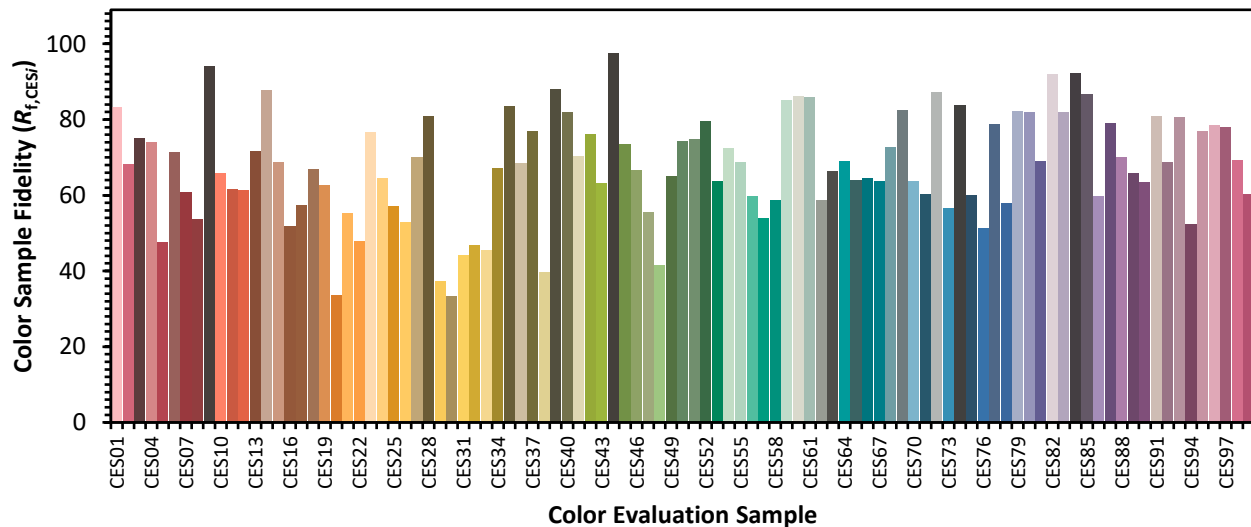


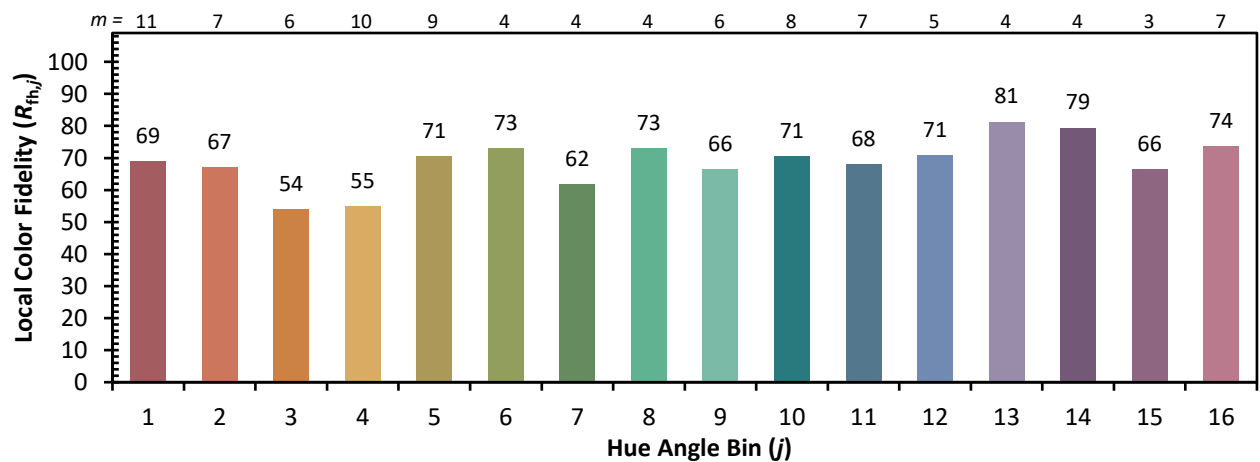
Color Vector Graphics



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)