

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: P1047730

Luminaire Tested: **GALN-SA9B-727-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047730
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA9B-727-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 800mA 9xLight Square PACKAGE
70CRI 2700K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (126) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 35926.5 lumens
Efficiency: N/A
Efficacy: 114.9 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G5

Input Watts (W): 312.7
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

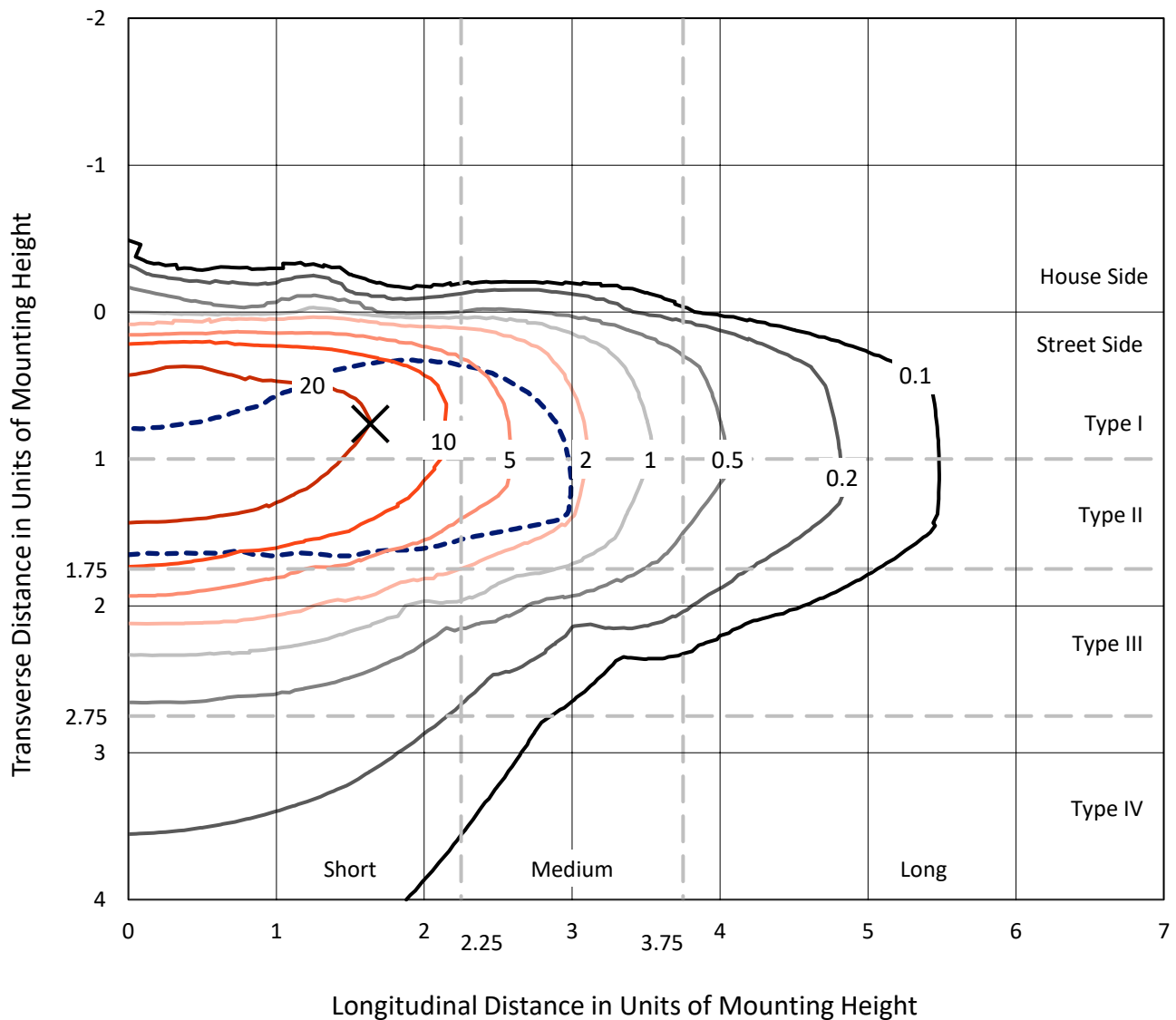


REPORT NUMBER: P1047730

CATALOG NUMBER: GALN-SA9B-727-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd
 - - - 1/2 Max cd

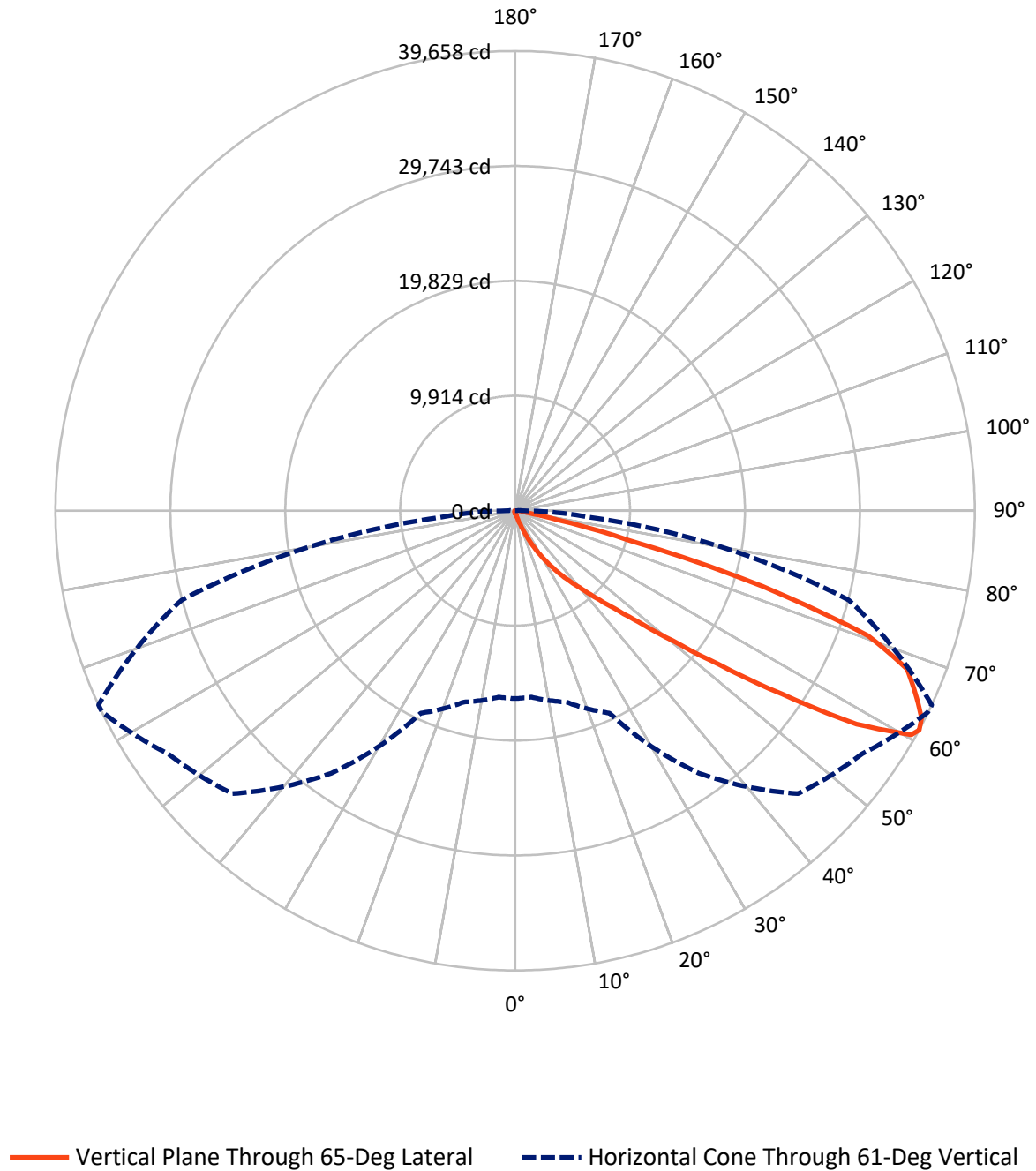


Based on 15 foot mounting height. Maximum calculated value = 47.5 fc
 Type II - Short - N/A

REPORT NUMBER: P1047730

CATALOG NUMBER: GALN-SA9B-727-U-T2BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1047730

CATALOG NUMBER: GALN-SA9B-727-U-T2BC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	153.4	0.0	153.4
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	35773.1	0.0	35773.1
	% Fixture	99.6	0.0	99.6
Total	Lumens	35926.5	0.0	35926.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	28.0	0.1
10°-20°	295.4	0.8
20°-30°	1060.2	3.0
30°-40°	2822.8	7.9
40°-50°	7415.4	20.6
50°-60°	11487.9	32.0
60°-70°	9632.4	26.8
70°-80°	2834.7	7.9
80°-90°	349.7	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°	35926.5	100.0
0°-180°	35926.5	100.0



REPORT NUMBER: P1047730

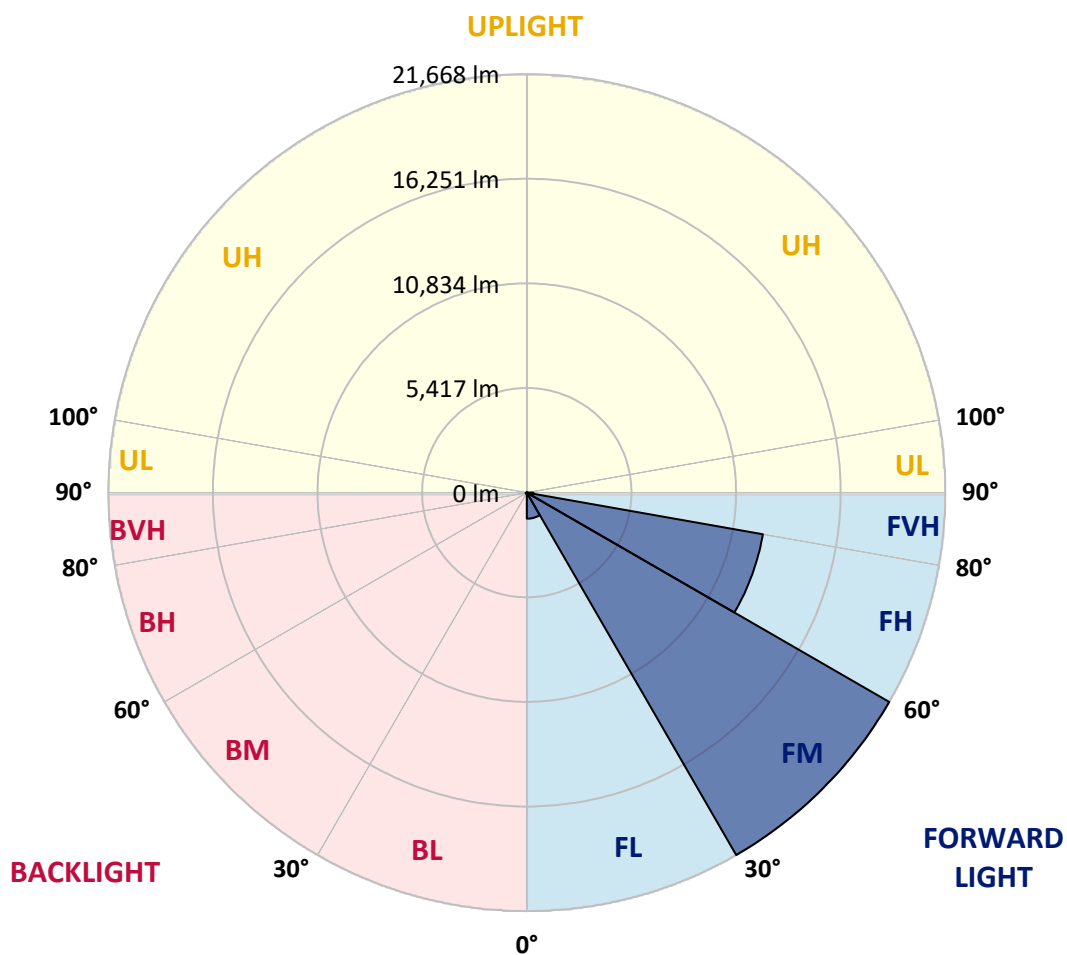
CATALOG NUMBER: GALN-SA9B-727-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1349.2	3.8			
FM	(30°-60°)	21667.7	60.3			
FH	(60°-80°)	12413.0	34.6			G5
FVH	(80°-90°)	343.2	1.0			G3/500
BL	(0°-30°)	34.4	0.1	B0/110		
BM	(30°-60°)	58.4	0.2	B0/220		
BH	(60°-80°)	54.1	0.2	B0/110		G0/110
BVH	(80°-90°)	6.5	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 II Short



REPORT NUMBER: P1047730

CATALOG NUMBER: GALN-SA9B-727-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	220.0	220.0	220.0	220.0	220.0	220.0	220.0	220.0	220.0	220.0	220.0
2.5°	266.9	269.4	264.4	254.5	247.1	247.1	244.7	237.3	237.3	229.8	224.9
5°	373.2	368.2	358.3	338.6	321.3	304.0	286.7	269.4	266.9	244.7	229.8
7.5°	610.4	615.4	583.2	521.5	469.6	402.8	341.0	304.0	299.0	262.0	232.3
10°	1339.5	1302.4	1228.3	988.5	813.1	612.9	454.7	353.4	348.5	281.7	237.3
12.5°	2441.7	2412.0	2276.1	2029.0	1576.7	1097.3	664.8	437.4	422.6	299.0	239.7
15°	3519.2	3472.3	3398.1	3148.5	2619.6	1967.2	1087.4	598.1	558.5	323.7	237.3
17.5°	4206.2	4213.7	4146.9	4040.7	3699.6	2911.3	1878.2	892.2	815.5	368.2	232.3
20°	4806.8	4789.5	4826.6	4769.7	4530.0	3956.6	2733.3	1413.6	1282.6	439.9	234.8
22.5°	5498.8	5540.8	5568.0	5555.6	5291.2	4801.8	3704.6	2115.5	1949.9	570.9	242.2
25°	6425.5	6420.6	6423.1	6390.9	6133.9	5590.2	4678.3	2987.9	2819.8	783.4	259.5
27.5°	7396.8	7426.4	7438.8	7322.6	6986.5	6452.7	5580.3	3941.8	3744.1	1124.5	281.7
30°	8723.9	8699.2	8642.3	8405.1	7997.3	7335.0	6470.0	4942.7	4735.1	1601.4	316.3
32.5°	10513.1	10486.0	10199.3	9675.4	9064.9	8254.3	7364.6	5946.1	5694.0	2197.0	363.3
35°	13461.5	13503.5	12799.2	11442.4	10347.6	9359.0	8355.7	6944.5	6722.1	2931.0	427.5
37.5°	17976.6	17746.8	16790.4	14393.2	12035.5	10738.0	9302.2	7952.8	7760.1	3835.5	511.6
40°	22363.3	22135.9	21859.1	19588.0	14969.0	12257.9	10626.8	9136.6	8887.0	4856.2	635.1
42.5°	26974.9	26848.8	26836.5	25123.8	20322.0	14647.7	12220.9	10523.0	10310.5	5975.7	837.8
45°	30242.0	30115.9	30380.4	30679.4	27612.5	19768.4	14996.2	12324.7	12015.7	7335.0	1161.5
47.5°	30681.9	30686.8	31393.6	32330.3	33029.7	27689.1	18693.3	14712.0	14336.3	9279.9	1705.2
50°	29218.8	29275.7	30400.2	32075.7	33958.9	34334.6	25212.8	18176.8	17620.8	11585.7	2476.3
52.5°	26433.6	26497.9	28064.7	30820.3	33103.8	35931.0	32888.8	22709.3	22069.2	14462.4	3563.7
55°	23925.2	23964.7	25761.4	29243.6	32073.3	35063.6	37446.0	28761.6	27921.4	18001.4	4636.3
57.5°	21441.5	21350.0	22519.0	26505.3	31897.8	33998.4	38118.2	35659.2	34732.4	21869.0	5471.6
60°	18120.0	17966.8	18905.9	21441.5	29589.5	34697.8	36860.3	39475.0	39264.9	27254.1	6116.6
61°	16209.6	16145.4	17089.4	19264.2	27647.1	34519.9	36558.8	39635.6	39657.9	29802.1	6405.8
62.5°	11575.8	11758.7	13202.0	16029.2	23156.6	33365.8	36598.3	39138.9	39358.8	33187.8	7154.6
65°	5145.4	5439.5	6561.5	8862.3	13466.4	27755.8	36247.4	38049.0	37940.3	34117.1	9734.7
67.5°	3052.1	3096.6	3655.1	5021.8	7132.3	14929.5	31986.8	36608.2	36462.4	29700.8	12112.1
70°	2404.6	2426.9	2604.8	3151.0	4139.5	5718.7	18255.9	31672.9	32308.0	24083.4	11857.6
72.5°	2281.1	2276.1	2300.8	2397.2	2607.3	2837.1	7068.1	21053.5	22346.0	17344.0	9942.3
75°	2251.4	2241.5	2216.8	2179.7	1888.1	1670.6	2189.6	9312.1	10060.9	11850.2	7485.7
77.5°	2184.7	2187.2	2192.1	2090.8	1618.7	1181.3	1060.2	2987.9	3674.9	7520.3	5320.8
80°	1477.9	1500.1	1537.2	1497.6	1455.6	855.1	748.8	1062.7	1077.5	4221.1	3514.3
82.5°	748.8	748.8	731.5	652.4	563.5	556.1	595.6	771.1	780.9	2135.3	1653.3
85°	452.3	477.0	486.9	442.4	405.3	373.2	454.7	612.9	635.1	827.9	385.5
87.5°	101.3	103.8	113.7	150.8	220.0	299.0	422.6	561.0	570.9	531.3	47.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P1047730

CATALOG NUMBER: GALN-SA9B-727-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	220.0	220.0	220.0	220.0	220.0	220.0	220.0	220.0	220.0	220.0	220.0
2.5°	222.4	217.5	215.0	207.6	200.2	192.8	187.8	185.4	187.8	190.3	190.3
5°	220.0	212.5	200.2	187.8	177.9	168.1	158.2	155.7	155.7	158.2	158.2
7.5°	220.0	207.6	190.3	175.5	160.6	145.8	138.4	133.5	135.9	135.9	135.9
10°	220.0	205.1	182.9	160.6	143.3	126.0	113.7	108.7	108.7	108.7	108.7
12.5°	217.5	202.7	175.5	148.3	123.6	103.8	89.0	81.6	84.0	84.0	84.0
15°	212.5	195.2	165.6	126.0	98.9	79.1	64.3	56.8	59.3	64.3	66.7
17.5°	205.1	187.8	148.3	106.3	79.1	59.3	44.5	39.5	42.0	49.4	49.4
20°	202.7	180.4	131.0	86.5	59.3	42.0	29.7	24.7	27.2	37.1	39.5
22.5°	202.7	175.5	118.6	71.7	44.5	27.2	17.3	9.9	9.9	17.3	17.3
25°	205.1	173.0	108.7	59.3	32.1	19.8	9.9	4.9	9.9	27.2	32.1
27.5°	210.1	170.5	103.8	49.4	24.7	17.3	7.4	17.3	29.7	29.7	29.7
30°	215.0	165.6	96.4	42.0	22.2	12.4	12.4	24.7	24.7	29.7	32.1
32.5°	222.4	163.1	91.4	37.1	17.3	9.9	17.3	14.8	14.8	17.3	19.8
35°	237.3	165.6	86.5	37.1	17.3	12.4	14.8	7.4	4.9	4.9	4.9
37.5°	257.0	168.1	79.1	32.1	14.8	14.8	7.4	0.0	0.0	0.0	0.0
40°	289.1	175.5	74.1	29.7	12.4	12.4	2.5	0.0	0.0	0.0	0.0
42.5°	343.5	190.3	71.7	27.2	12.4	9.9	0.0	0.0	0.0	0.0	0.0
45°	452.3	224.9	66.7	24.7	12.4	4.9	0.0	0.0	0.0	0.0	0.0
47.5°	650.0	306.4	64.3	19.8	7.4	0.0	0.0	0.0	0.0	0.0	0.0
50°	949.0	415.2	61.8	17.3	2.5	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	1211.0	437.4	42.0	14.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	1240.6	301.5	32.1	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	988.5	195.2	27.2	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	748.8	148.3	24.7	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	719.2	133.5	24.7	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	793.3	116.2	22.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1290.0	96.4	19.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2241.5	84.0	17.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2832.2	79.1	14.8	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	2468.9	71.7	14.8	4.9	2.5	0.0	0.0	0.0	0.0	0.0	0.0
75°	1485.3	61.8	14.8	9.9	4.9	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	778.5	47.0	14.8	12.4	7.4	2.5	0.0	0.0	0.0	0.0	0.0
80°	378.1	42.0	17.3	12.4	9.9	4.9	0.0	0.0	0.0	0.0	0.0
82.5°	148.3	34.6	19.8	17.3	12.4	7.4	2.5	0.0	0.0	0.0	0.0
85°	66.7	29.7	22.2	19.8	17.3	9.9	2.5	0.0	0.0	0.0	0.0
87.5°	34.6	27.2	24.7	22.2	17.3	12.4	4.9	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

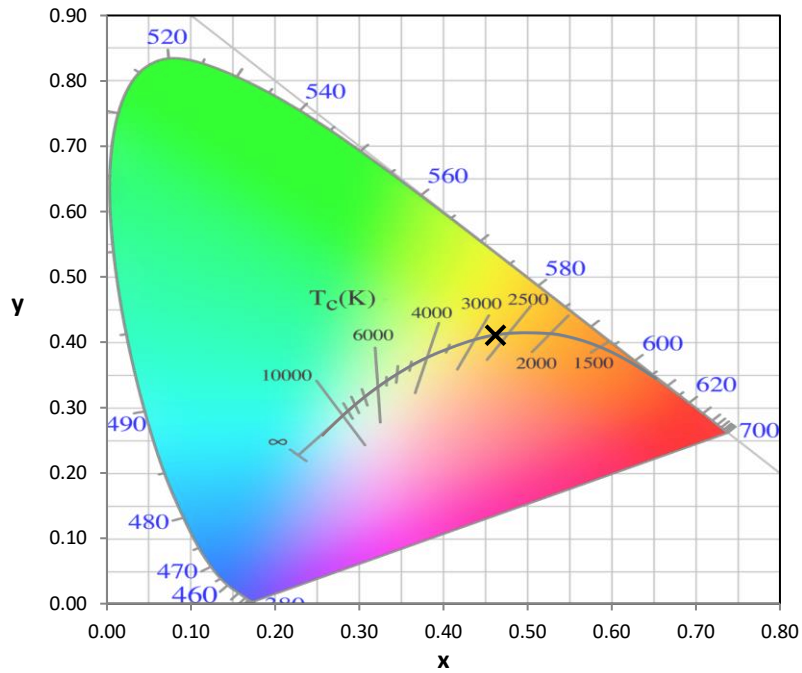
Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

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

REPORT NUMBER: SP1-2407-184-3

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

REPORT NUMBER: SP1-2407-184-3

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			

REPORT NUMBER: SP1-2407-184-3

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			

REPORT NUMBER: SP1-2407-184-3

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			

REPORT NUMBER: SP1-2407-184-3

TM-30-18

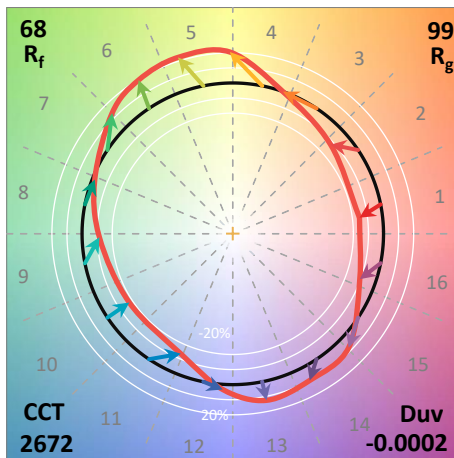
Summary

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

Spectral Power Distribution Comparison



Color Vector Graphics



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

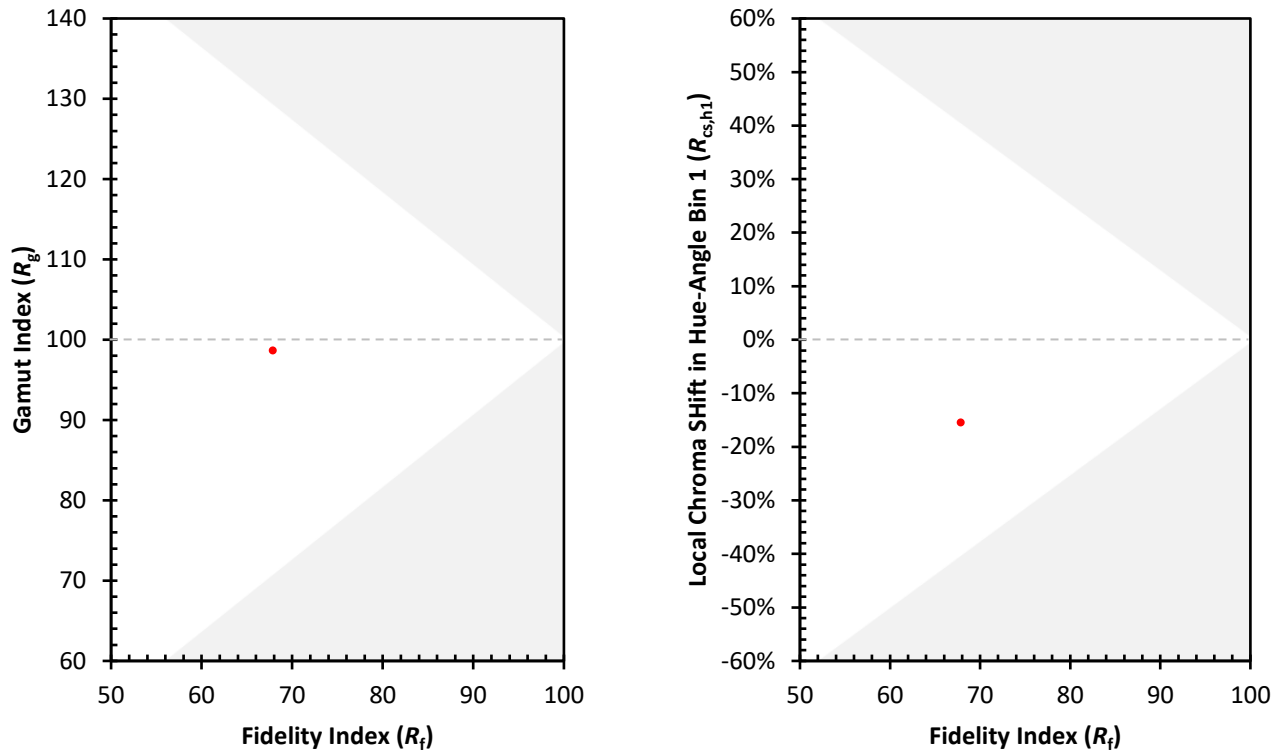
CES01 = 86	CES26 = 53	CES51 = 75	CES76 = 51
CES02 = 63	CES27 = 70	CES52 = 80	CES77 = 79
CES03 = 31	CES28 = 81	CES53 = 64	CES78 = 58
CES04 = 71	CES29 = 37	CES54 = 73	CES79 = 82
CES05 = 50	CES30 = 33	CES55 = 69	CES80 = 82
CES06 = 52	CES31 = 44	CES56 = 60	CES81 = 69
CES07 = 42	CES32 = 47	CES57 = 54	CES82 = 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)