

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: STREETWORKS

Report Number: P1063341

Luminaire Tested: **GLAN-SA3A-727-U-T2BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1063341
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA3A-727-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 3xLight Square PACKAGE
70CRI 2700K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (42) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9948.9 lumens
Efficiency: N/A
Efficacy: 122.2 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 81.4
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

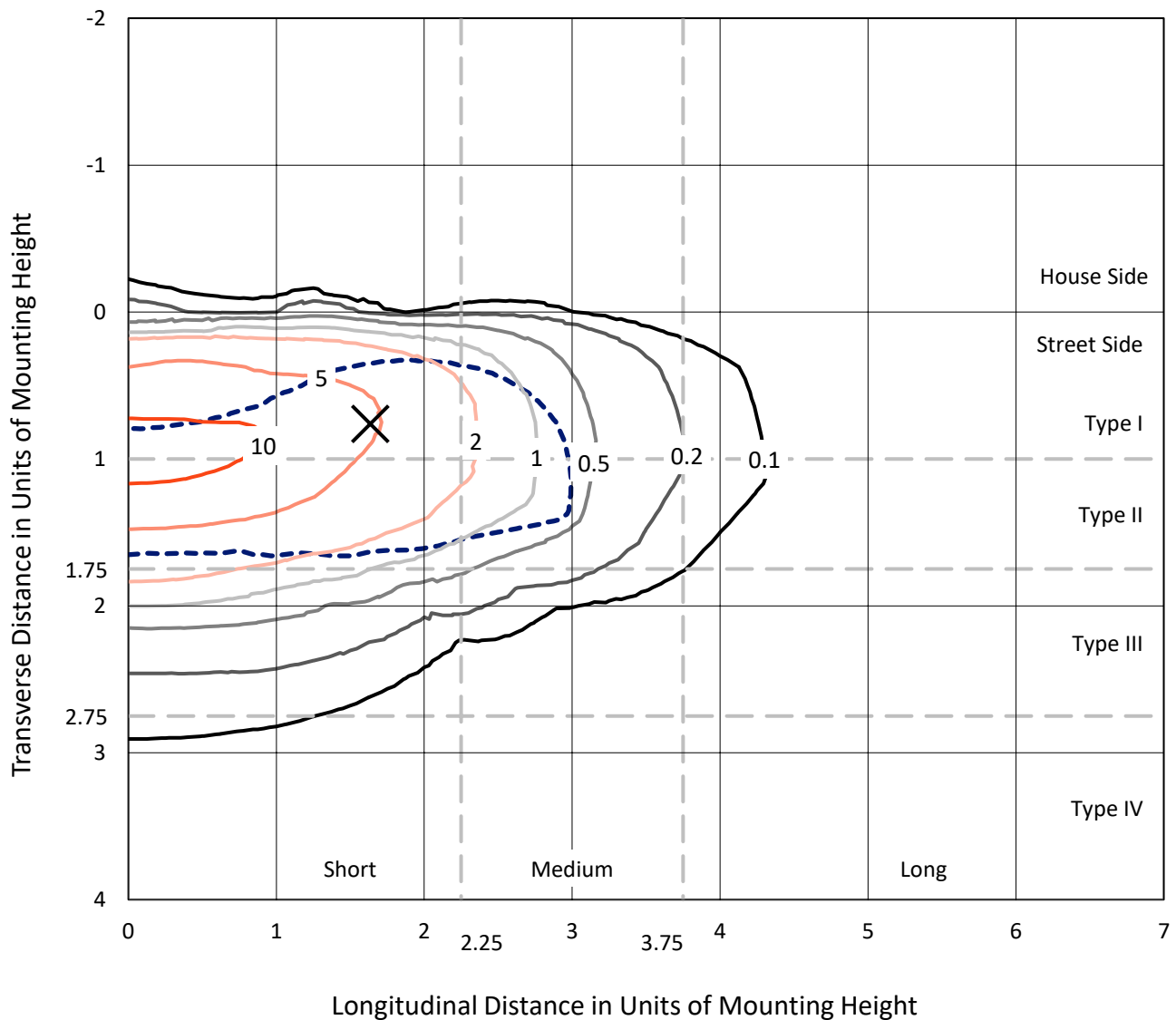


REPORT NUMBER: P1063341

CATALOG NUMBER: GLAN-SA3A-727-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

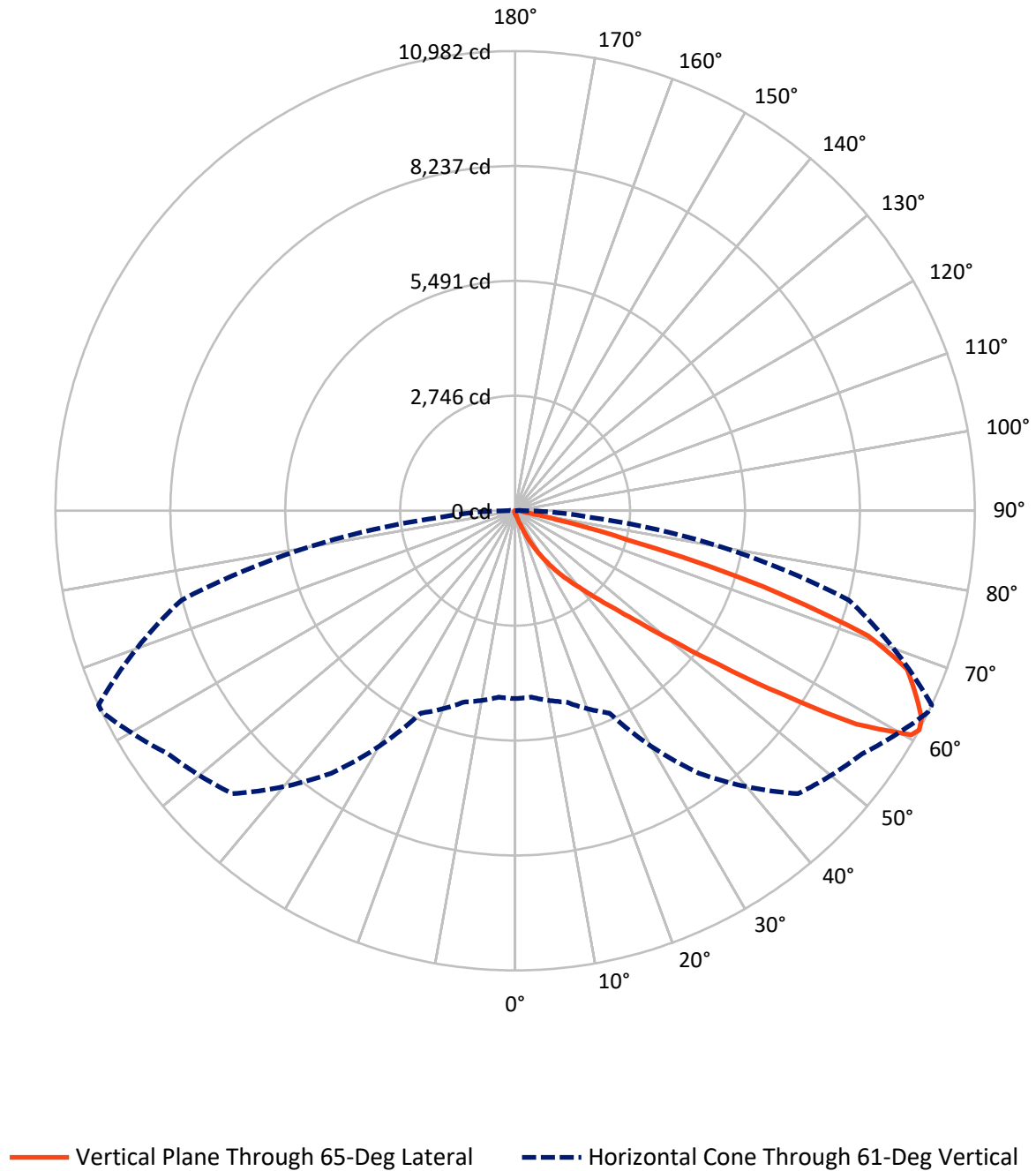


Based on 15 foot mounting height. Maximum calculated value = 13.2 fc
 Type II - Short - N/A

REPORT NUMBER: P1063341

CATALOG NUMBER: GLAN-SA3A-727-U-T2BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1063341

CATALOG NUMBER: GLAN-SA3A-727-U-T2BC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	42.5	0.0	42.5
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	9906.5	0.0	9906.5
	% Fixture	99.6	0.0	99.6
Total	Lumens	9948.9	0.0	9948.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	7.7	0.1
10°-20°	81.8	0.8
20°-30°	293.6	3.0
30°-40°	781.7	7.9
40°-50°	2053.5	20.6
50°-60°	3181.3	32.0
60°-70°	2667.5	26.8
70°-80°	785.0	7.9
80°-90°	96.8	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°	9948.9	100.0
0°-180°	9948.9	100.0



REPORT NUMBER: P1063341

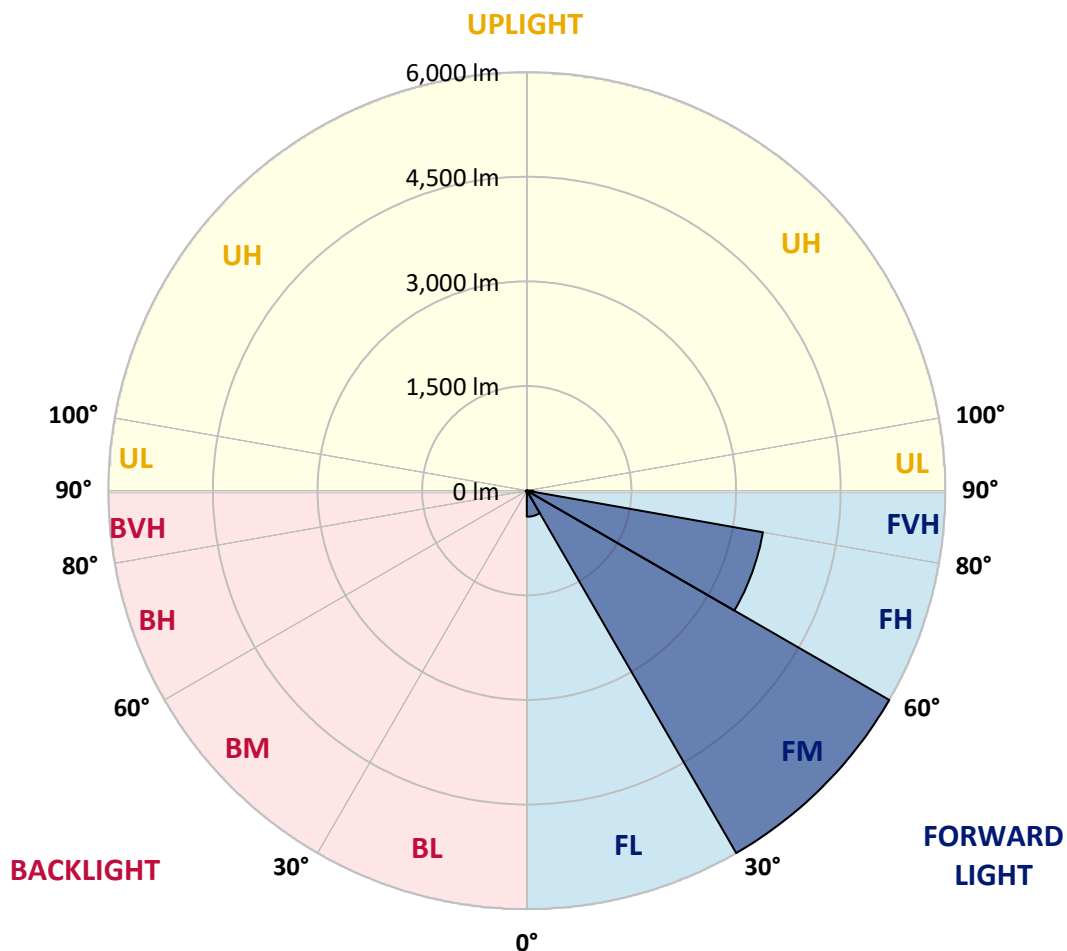
CATALOG NUMBER: GLAN-SA3A-727-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	373.6	3.8			
FM	(30°-60°)	6000.3	60.3			
FH	(60°-80°)	3437.5	34.6			G2/5000
FVH	(80°-90°)	95.0	1.0			G1/100
BL	(0°-30°)	9.5	0.1	B0/110		
BM	(30°-60°)	16.2	0.2	B0/220		
BH	(60°-80°)	15.0	0.2	B0/110		G0/110
BVH	(80°-90°)	1.8	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-G2

Type II Short



REPORT NUMBER: P1063341

CATALOG NUMBER: GLAN-SA3A-727-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
2.5°	73.9	74.6	73.2	70.5	68.4	68.4	67.8	65.7	65.7	63.6	62.3
5°	103.3	102.0	99.2	93.8	89.0	84.2	79.4	74.6	73.9	67.8	63.6
7.5°	169.0	170.4	161.5	144.4	130.0	111.6	94.4	84.2	82.8	72.5	64.3
10°	370.9	360.7	340.1	273.8	225.2	169.7	125.9	97.9	96.5	78.0	65.7
12.5°	676.2	668.0	630.3	561.9	436.6	303.9	184.1	121.1	117.0	82.8	66.4
15°	974.6	961.6	941.0	871.9	725.4	544.8	301.1	165.6	154.7	89.7	65.7
17.5°	1164.8	1166.9	1148.4	1119.0	1024.5	806.2	520.1	247.1	225.8	102.0	64.3
20°	1331.1	1326.3	1336.6	1320.9	1254.5	1095.7	756.9	391.5	355.2	121.8	65.0
22.5°	1522.7	1534.4	1541.9	1538.5	1465.3	1329.7	1025.9	585.8	540.0	158.1	67.1
25°	1779.4	1778.0	1778.7	1769.8	1698.6	1548.1	1295.5	827.4	780.9	216.9	71.9
27.5°	2048.3	2056.6	2060.0	2027.8	1934.7	1786.9	1545.3	1091.6	1036.8	311.4	78.0
30°	2415.9	2409.0	2393.3	2327.6	2214.7	2031.2	1791.7	1368.8	1311.3	443.5	87.6
32.5°	2911.3	2903.8	2824.4	2679.3	2510.3	2285.8	2039.5	1646.6	1576.8	608.4	100.6
35°	3727.8	3739.4	3544.4	3168.7	2865.5	2591.7	2313.9	1923.1	1861.5	811.7	118.4
37.5°	4978.2	4914.5	4649.7	3985.8	3332.9	2973.6	2576.0	2202.3	2149.0	1062.2	141.7
40°	6192.9	6130.0	6053.3	5424.4	4145.3	3394.5	2942.8	2530.2	2461.0	1344.8	175.9
42.5°	7470.0	7435.1	7431.7	6957.4	5627.7	4056.3	3384.3	2914.1	2855.2	1654.8	232.0
45°	8374.7	8339.8	8413.1	8495.9	7646.6	5474.3	4152.8	3413.0	3327.5	2031.2	321.7
47.5°	8496.6	8497.9	8693.7	8953.0	9146.7	7667.8	5176.6	4074.1	3970.1	2569.8	472.2
50°	8091.4	8107.2	8418.5	8882.6	9404.1	9508.1	6982.0	5033.6	4879.6	3208.4	685.7
52.5°	7320.1	7337.9	7771.8	8534.9	9167.3	9950.2	9107.7	6288.8	6111.5	4005.0	986.9
55°	6625.5	6636.4	7134.0	8098.3	8881.9	9710.0	10369.7	7964.8	7732.1	4985.0	1283.9
57.5°	5937.7	5912.4	6236.1	7340.0	8833.3	9415.0	10555.9	9874.9	9618.3	6056.1	1515.2
60°	5017.9	4975.4	5235.5	5937.7	8194.1	9608.7	10207.5	10931.6	10873.4	7547.3	1693.8
61°	4488.8	4471.0	4732.5	5334.7	7656.2	9559.4	10124.0	10976.1	10982.2	8252.9	1773.9
62.5°	3205.6	3256.3	3656.0	4438.9	6412.6	9239.8	10135.0	10838.5	10899.4	9190.5	1981.3
65°	1424.9	1506.3	1817.0	2454.2	3729.2	7686.3	10037.8	10536.7	10506.6	9447.9	2695.8
67.5°	845.2	857.5	1012.2	1390.7	1975.1	4134.3	8857.9	10137.7	10097.3	8224.9	3354.1
70°	665.9	672.1	721.3	872.6	1146.3	1583.7	5055.5	8771.0	8946.9	6669.3	3283.7
72.5°	631.7	630.3	637.2	663.8	722.0	785.7	1957.3	5830.2	6188.2	4803.0	2753.3
75°	623.5	620.7	613.9	603.6	522.9	462.6	606.4	2578.7	2786.1	3281.6	2073.0
77.5°	605.0	605.7	607.0	579.0	448.3	327.1	293.6	827.4	1017.7	2082.6	1473.5
80°	409.3	415.4	425.7	414.7	403.1	236.8	207.4	294.3	298.4	1168.9	973.2
82.5°	207.4	207.4	202.6	180.7	156.0	154.0	164.9	213.5	216.3	591.3	457.8
85°	125.2	132.1	134.8	122.5	112.2	103.3	125.9	169.7	175.9	229.3	106.8
87.5°	28.1	28.7	31.5	41.7	60.9	82.8	117.0	155.4	158.1	147.1	13.0
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: P1063341

CATALOG NUMBER: GLAN-SA3A-727-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
2.5°	61.6	60.2	59.5	57.5	55.4	53.4	52.0	51.3	52.0	52.7	52.7
5°	60.9	58.9	55.4	52.0	49.3	46.5	43.8	43.1	43.1	43.8	43.8
7.5°	60.9	57.5	52.7	48.6	44.5	40.4	38.3	37.0	37.6	37.6	37.6
10°	60.9	56.8	50.6	44.5	39.7	34.9	31.5	30.1	30.1	30.1	30.1
12.5°	60.2	56.1	48.6	41.1	34.2	28.7	24.6	22.6	23.3	23.3	23.3
15°	58.9	54.1	45.9	34.9	27.4	21.9	17.8	15.7	16.4	17.8	18.5
17.5°	56.8	52.0	41.1	29.4	21.9	16.4	12.3	11.0	11.6	13.7	13.7
20°	56.1	50.0	36.3	24.0	16.4	11.6	8.2	6.8	7.5	10.3	11.0
22.5°	56.1	48.6	32.9	19.8	12.3	7.5	4.8	2.7	2.7	4.8	4.8
25°	56.8	47.9	30.1	16.4	8.9	5.5	2.7	1.4	2.7	7.5	8.9
27.5°	58.2	47.2	28.7	13.7	6.8	4.8	2.1	4.8	8.2	8.2	8.2
30°	59.5	45.9	26.7	11.6	6.2	3.4	3.4	6.8	6.8	8.2	8.9
32.5°	61.6	45.2	25.3	10.3	4.8	2.7	4.8	4.1	4.1	4.8	5.5
35°	65.7	45.9	24.0	10.3	4.8	3.4	4.1	2.1	1.4	1.4	1.4
37.5°	71.2	46.5	21.9	8.9	4.1	4.1	2.1	0.0	0.0	0.0	0.0
40°	80.1	48.6	20.5	8.2	3.4	3.4	0.7	0.0	0.0	0.0	0.0
42.5°	95.1	52.7	19.8	7.5	3.4	2.7	0.0	0.0	0.0	0.0	0.0
45°	125.2	62.3	18.5	6.8	3.4	1.4	0.0	0.0	0.0	0.0	0.0
47.5°	180.0	84.9	17.8	5.5	2.1	0.0	0.0	0.0	0.0	0.0	0.0
50°	262.8	115.0	17.1	4.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	335.3	121.1	11.6	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	343.6	83.5	8.9	2.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	273.8	54.1	7.5	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	207.4	41.1	6.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	199.2	37.0	6.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	219.7	32.2	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	357.2	26.7	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	620.7	23.3	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	784.3	21.9	4.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	683.7	19.8	4.1	1.4	0.7	0.0	0.0	0.0	0.0	0.0	0.0
75°	411.3	17.1	4.1	2.7	1.4	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	215.6	13.0	4.1	3.4	2.1	0.7	0.0	0.0	0.0	0.0	0.0
80°	104.7	11.6	4.8	3.4	2.7	1.4	0.0	0.0	0.0	0.0	0.0
82.5°	41.1	9.6	5.5	4.8	3.4	2.1	0.7	0.0	0.0	0.0	0.0
85°	18.5	8.2	6.2	5.5	4.8	2.7	0.7	0.0	0.0	0.0	0.0
87.5°	9.6	7.5	6.8	6.2	4.8	3.4	1.4	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

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



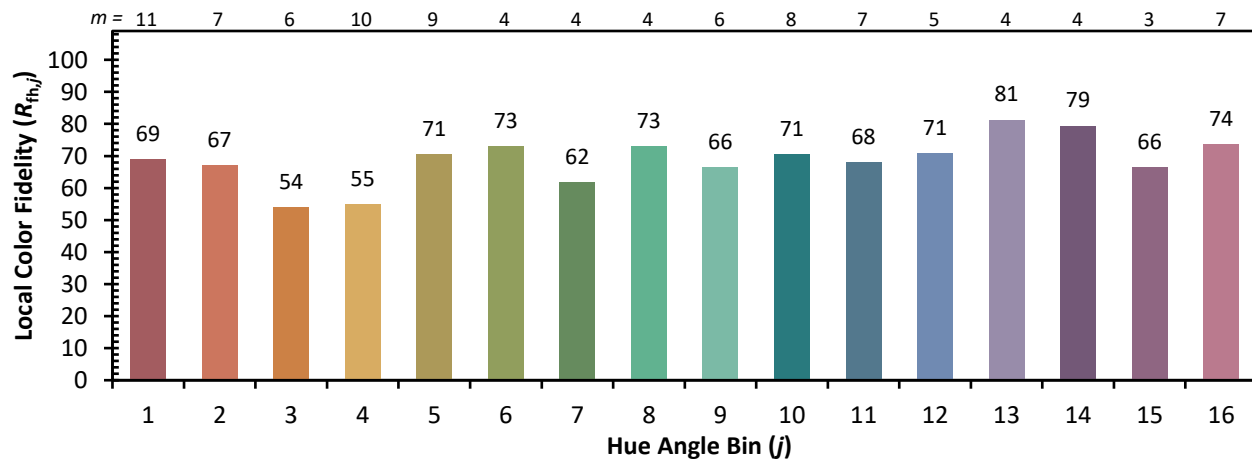
Color Vector Graphics



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)