

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: P1063955

Luminaire Tested: **GLAN-SA3C-727-U-T4BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1063955
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA3C-727-U-T4BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 3xLight Square PACKAGE
70CRI 2700K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (42) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 15625.5 lumens
Efficiency: N/A
Efficacy: 111.3 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 140.4
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

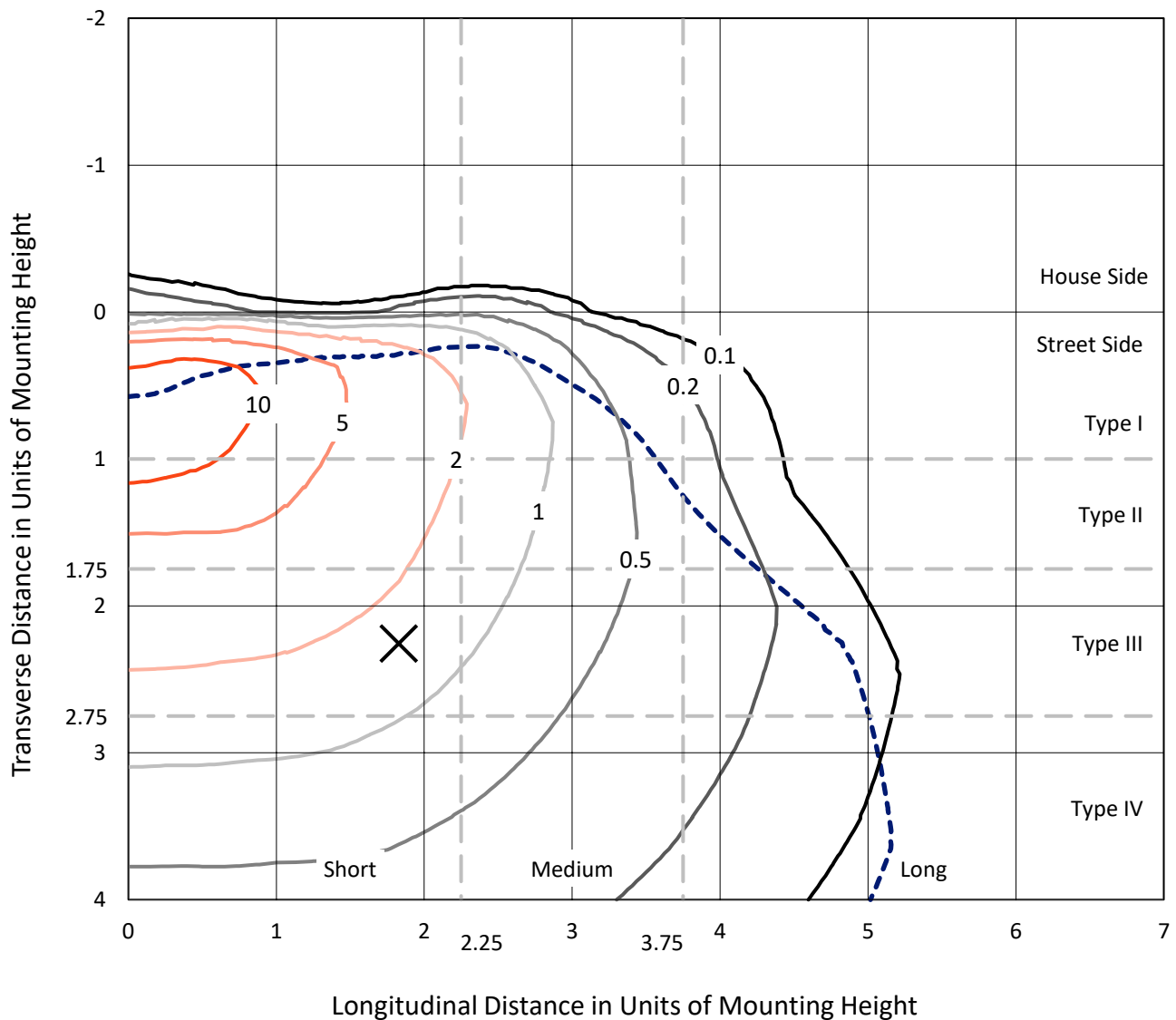


REPORT NUMBER: P1063955

CATALOG NUMBER: GLAN-SA3C-727-U-T4BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

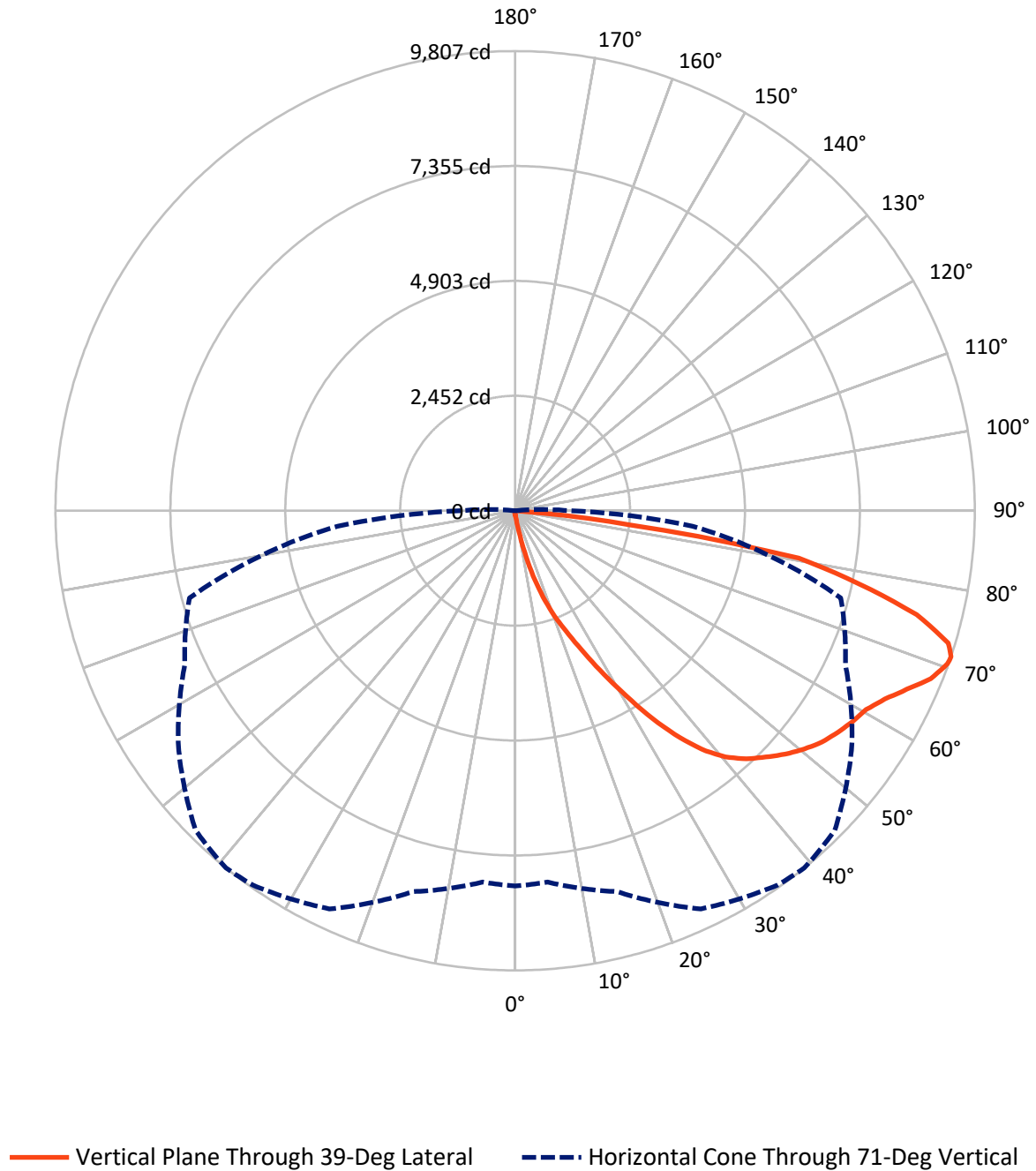


Based on 15 foot mounting height. Maximum calculated value = 16.1 fc
 Type IV - Short - N/A

REPORT NUMBER: P1063955

CATALOG NUMBER: GLAN-SA3C-727-U-T4BC

Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	55.5	0.0	55.5
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	15569.9	0.0	15569.9
	% Fixture	99.6	0.0	99.6
Total	Lumens	15625.5	0.0	15625.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	13.1	0.1
10°-20°	167.0	1.1
20°-30°	594.7	3.8
30°-40°	1433.4	9.2
40°-50°	2398.9	15.4
50°-60°	3081.1	19.7
60°-70°	3899.1	25.0
70°-80°	3476.2	22.2
80°-90°	561.9	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°	15625.5	100.0
0°-180°	15625.5	100.0



REPORT NUMBER: P1063955

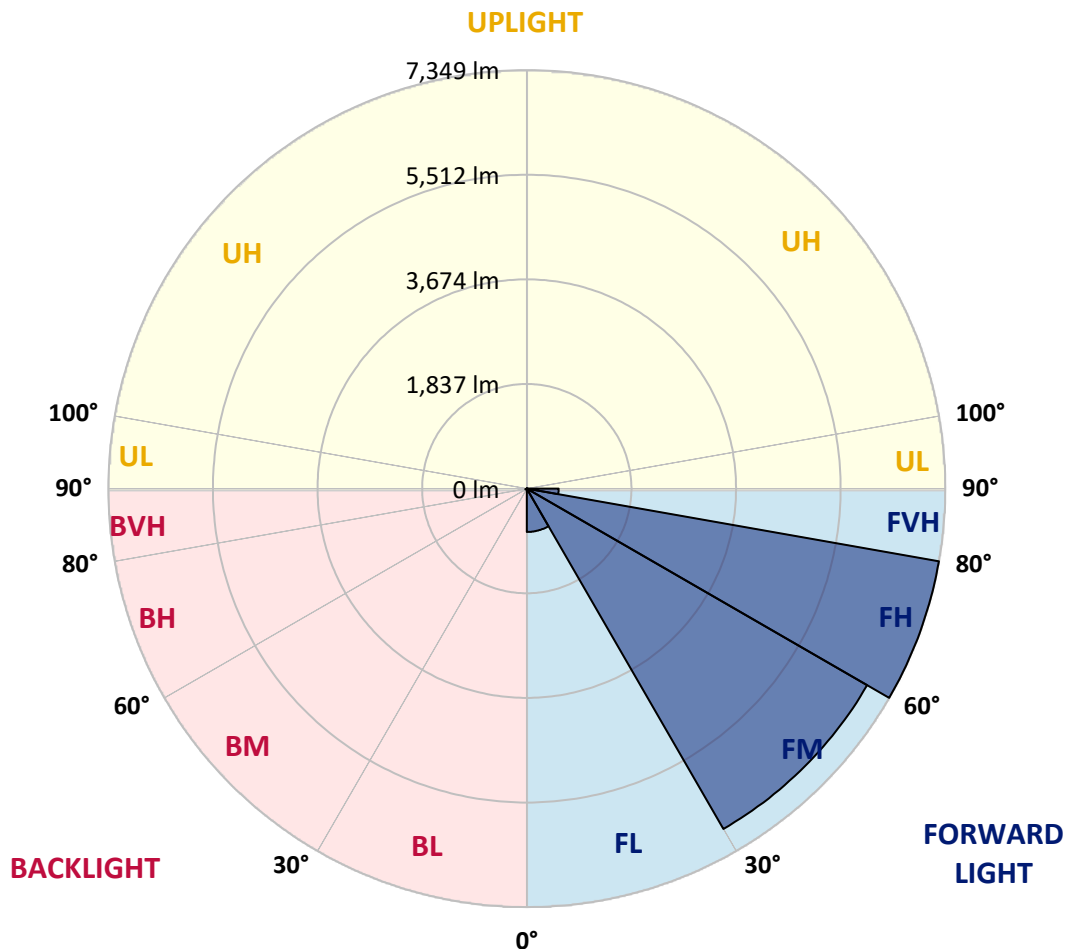
CATALOG NUMBER: GLAN-SA3C-727-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	761.4	4.9			
FM	(30°-60°)	6900.5	44.2			
FH	(60°-80°)	7348.7	47.0			G3/7500
FVH	(80°-90°)	559.4	3.6			G4/750
BL	(0°-30°)	13.4	0.1	B0/110		
BM	(30°-60°)	12.8	0.1	B0/220		
BH	(60°-80°)	26.7	0.2	B0/110		G0/110
BVH	(80°-90°)	2.5	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-G4

Type IV Short





REPORT NUMBER: P1063955

CATALOG NUMBER: GLAN-SA3C-727-U-T4BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	39°	45°	55°	65°	75°	85°
0°	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
2.5°	98.4	98.4	98.4	95.2	95.2	94.1	93.1	93.1	91.0	89.9	87.8
5°	149.1	146.0	138.6	134.3	125.9	120.6	115.3	107.9	100.5	95.2	88.9
7.5°	337.4	344.8	320.5	275.0	228.5	208.4	174.5	140.7	116.4	100.5	89.9
10°	860.0	855.7	773.2	682.3	526.8	464.4	363.9	229.5	150.2	110.0	91.0
12.5°	1462.9	1458.7	1361.3	1237.6	1032.4	902.3	711.9	428.4	215.8	124.8	91.0
15°	1969.5	1952.6	1922.0	1799.3	1559.1	1450.2	1198.4	757.4	349.1	150.2	93.1
17.5°	2304.9	2290.1	2261.5	2217.1	2064.7	1935.7	1733.7	1190.0	564.8	194.6	97.3
20°	2612.7	2602.1	2578.8	2570.4	2472.0	2403.2	2236.1	1687.1	880.1	264.4	103.7
22.5°	3035.8	3013.6	3023.1	2972.3	2876.1	2793.5	2690.9	2207.5	1265.1	380.8	115.3
25°	3554.1	3543.5	3517.1	3481.1	3347.8	3275.9	3118.3	2698.3	1695.6	533.1	128.0
27.5°	4180.3	4168.6	4162.3	4079.8	3926.4	3848.1	3628.1	3161.6	2180.0	746.8	144.9
30°	4901.7	4906.9	4865.7	4759.9	4581.2	4471.2	4244.8	3647.2	2676.1	997.5	162.9
32.5°	5648.4	5637.9	5574.4	5449.6	5289.9	5187.3	4899.5	4179.2	3196.6	1328.5	184.1
35°	6453.4	6433.3	6266.2	6123.4	5986.9	5857.9	5595.6	4796.9	3717.0	1699.8	212.6
37.5°	7265.8	7171.6	6836.3	6655.4	6561.3	6455.5	6211.2	5455.9	4234.2	2114.5	247.5
40°	7879.3	7806.3	7408.6	7075.4	7000.3	6910.3	6728.4	6025.0	4784.2	2559.8	289.8
42.5°	8218.8	8178.6	7821.1	7492.1	7315.5	7236.1	7080.6	6522.1	5327.9	3051.6	351.2
45°	8363.7	8301.3	8062.2	7908.9	7627.5	7496.3	7311.2	6897.7	5896.0	3610.1	436.9
47.5°	8319.3	8283.3	8112.0	8168.0	7963.9	7759.7	7487.9	7185.4	6381.5	4251.1	554.3
50°	8040.0	8009.4	7956.5	8260.0	8234.7	7993.5	7716.4	7412.8	6778.1	4912.2	736.2
52.5°	7509.0	7496.3	7631.7	8188.1	8388.0	8199.8	7936.4	7613.8	7148.3	5603.0	996.4
55°	6824.7	6876.5	7263.6	8076.0	8466.3	8352.1	8131.0	7802.0	7445.6	6220.7	1380.4
57.5°	6543.3	6557.1	7040.5	7996.7	8501.2	8486.4	8320.3	7981.9	7718.5	6714.7	1966.4
60°	6872.3	6851.1	7106.0	8057.0	8571.0	8607.0	8488.5	8149.0	7955.4	7138.8	2747.0
62.5°	7466.7	7455.1	7536.5	8314.0	8775.2	8848.2	8722.3	8269.6	8164.9	7418.1	3637.6
65°	7997.7	7973.4	8124.7	8769.9	9133.8	9185.6	9075.6	8475.8	8256.9	7621.2	4474.3
67.5°	8227.3	8222.0	8465.3	9203.6	9510.3	9566.4	9470.1	8760.4	8235.7	7685.7	4843.5
70°	8122.5	8102.4	8491.7	9387.6	9722.9	9786.4	9693.3	8866.1	8006.2	7481.5	4296.6
71°	8007.2	7953.3	8412.4	9374.9	9752.5	9806.5	9643.6	8769.9	7775.6	7191.7	3800.5
72.5°	7649.7	7659.2	8194.5	9242.7	9681.7	9665.8	9362.2	8425.1	7497.4	6533.8	3052.7
75°	6769.7	6825.7	7488.9	8687.4	9049.1	8847.1	8382.8	7766.1	6938.9	4684.8	2119.8
77.5°	5532.1	5615.6	6344.4	7619.0	7516.4	7496.3	7477.3	6842.7	5925.6	2516.4	1474.5
80°	2641.2	2822.1	3827.0	5439.0	5908.6	6136.1	5993.3	5514.1	4582.2	1198.4	881.1
82.5°	172.4	170.3	241.2	457.0	1926.2	2490.0	3956.0	3941.2	3194.4	583.9	359.6
85°	81.4	83.6	92.0	104.7	121.6	133.3	184.1	1078.9	1528.5	278.2	78.3
87.5°	47.6	48.7	57.1	73.0	95.2	105.8	125.9	161.8	198.9	153.4	16.9
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: P1063955

CATALOG NUMBER: GLAN-SA3C-727-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
2.5°	86.7	85.7	82.5	79.3	76.2	74.0	73.0	74.0	74.0	75.1	75.1
5°	86.7	83.6	78.3	71.9	67.7	63.5	61.4	60.3	61.4	61.4	61.4
7.5°	85.7	80.4	73.0	65.6	60.3	55.0	52.9	51.8	51.8	52.9	52.9
10°	83.6	78.3	68.8	60.3	53.9	47.6	44.4	41.3	41.3	41.3	42.3
12.5°	82.5	75.1	63.5	55.0	46.5	39.1	32.8	29.6	30.7	30.7	30.7
15°	80.4	71.9	60.3	49.7	39.1	29.6	24.3	21.2	22.2	23.3	22.2
17.5°	80.4	70.9	56.1	43.4	30.7	22.2	18.0	15.9	15.9	16.9	16.9
20°	80.4	68.8	52.9	37.0	23.3	16.9	12.7	11.6	11.6	13.8	14.8
22.5°	82.5	68.8	48.7	30.7	19.0	12.7	9.5	8.5	9.5	11.6	12.7
25°	85.7	67.7	44.4	27.5	15.9	9.5	7.4	5.3	6.3	8.5	9.5
27.5°	88.9	66.6	40.2	24.3	12.7	7.4	5.3	4.2	3.2	4.2	4.2
30°	92.0	66.6	36.0	20.1	10.6	5.3	3.2	2.1	1.1	0.0	0.0
32.5°	94.1	64.5	32.8	15.9	8.5	4.2	2.1	1.1	0.0	0.0	0.0
35°	96.3	62.4	28.6	12.7	6.3	3.2	1.1	0.0	0.0	0.0	0.0
37.5°	98.4	59.2	24.3	10.6	5.3	2.1	0.0	0.0	0.0	0.0	0.0
40°	100.5	55.0	20.1	9.5	3.2	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	102.6	51.8	16.9	7.4	2.1	0.0	0.0	0.0	0.0	0.0	0.0
45°	107.9	49.7	13.8	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	117.4	47.6	12.7	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	131.2	45.5	11.6	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	150.2	44.4	10.6	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	184.1	43.4	9.5	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	242.2	42.3	9.5	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	371.3	40.2	9.5	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	663.2	39.1	8.5	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1156.1	40.2	8.5	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1657.5	42.3	7.4	3.2	1.1	0.0	0.0	0.0	0.0	0.0	0.0
70°	1418.5	37.0	7.4	4.2	2.1	1.1	0.0	0.0	0.0	0.0	0.0
71°	1156.1	32.8	7.4	4.2	2.1	1.1	1.1	0.0	0.0	0.0	0.0
72.5°	743.6	25.4	6.3	4.2	2.1	2.1	1.1	0.0	0.0	0.0	0.0
75°	314.2	21.2	6.3	4.2	3.2	2.1	2.1	1.1	0.0	0.0	0.0
77.5°	134.3	15.9	6.3	5.3	4.2	3.2	3.2	2.1	1.1	0.0	0.0
80°	50.8	12.7	7.4	6.3	5.3	5.3	4.2	2.1	1.1	0.0	0.0
82.5°	23.3	10.6	7.4	6.3	6.3	5.3	4.2	3.2	2.1	0.0	0.0
85°	14.8	9.5	7.4	6.3	6.3	5.3	5.3	3.2	2.1	0.0	0.0
87.5°	11.6	9.5	7.4	7.4	6.3	6.3	4.2	3.2	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

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 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			

REPORT NUMBER: SP1-2407-184-3

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 1.71

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			

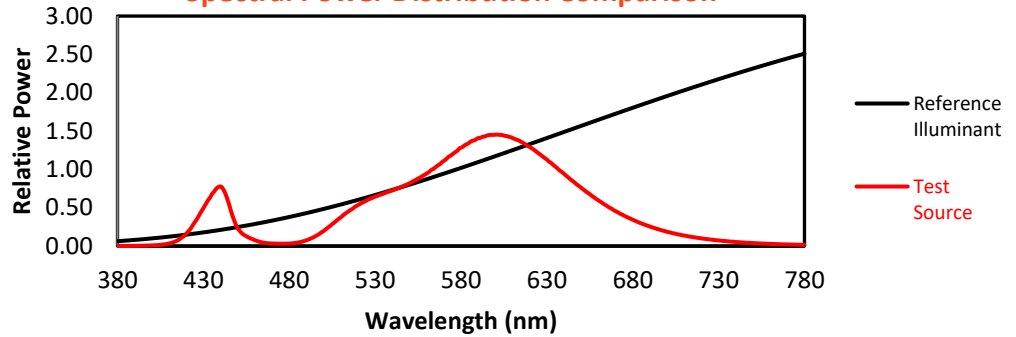
REPORT NUMBER: SP1-2407-184-3

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

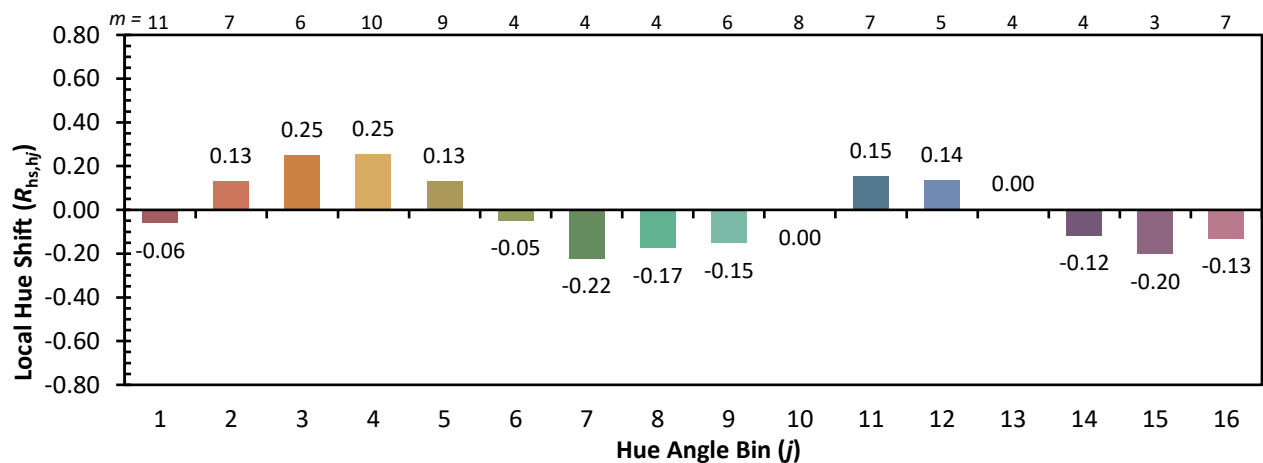


Individual Sample Fidelity Index ($R_{f,i}$)

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)