

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: P1047119

Luminaire Tested: **GALN-SA9C-727-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047119
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA9C-727-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 9xLight Square PACKAGE
70CRI 2700K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (126) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 46982.1 lumens
Efficiency: N/A
Efficacy: 112.6 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G5

Input Watts (W): 417.1
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

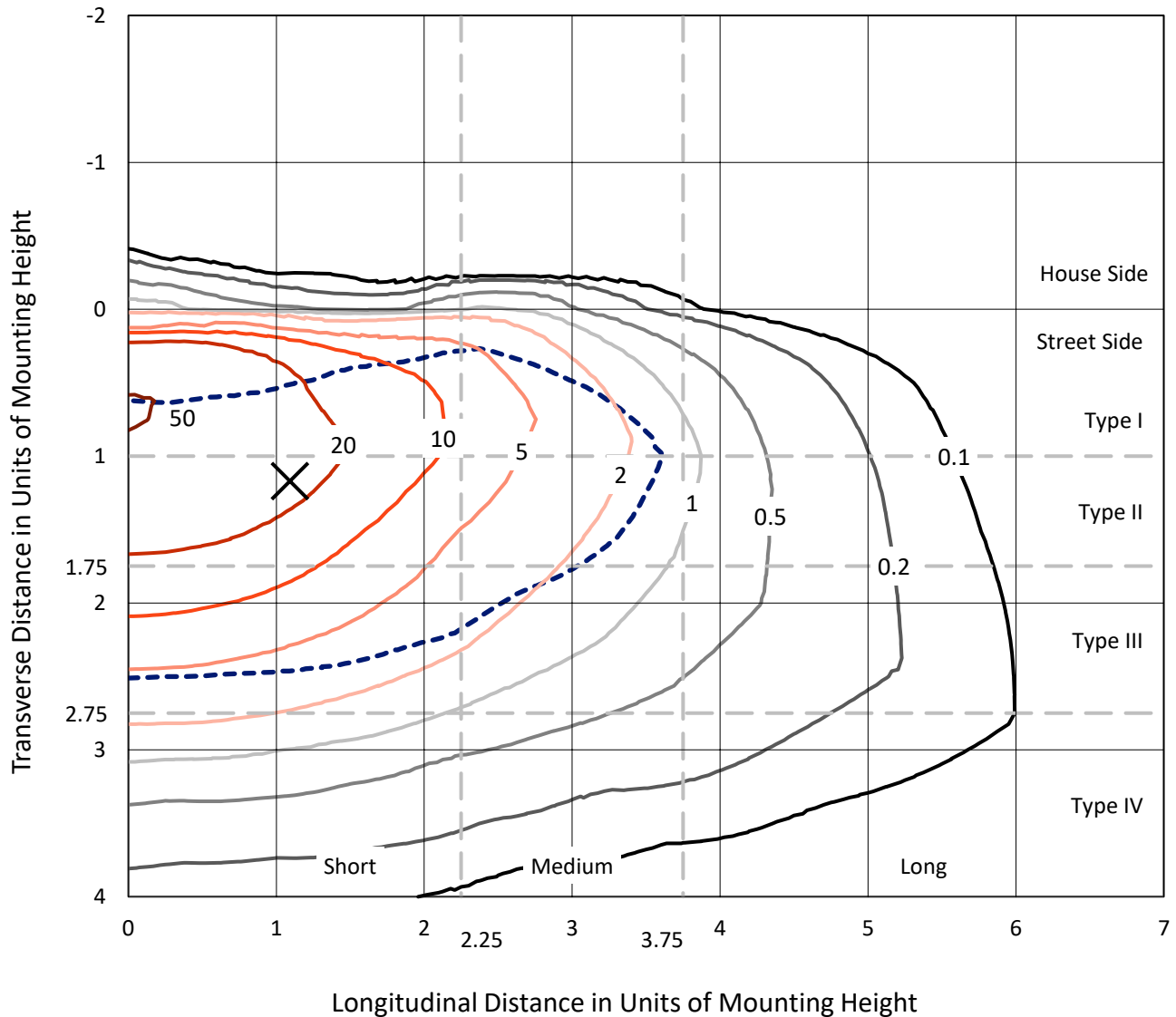


REPORT NUMBER: P1047119

CATALOG NUMBER: GALN-SA9C-727-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

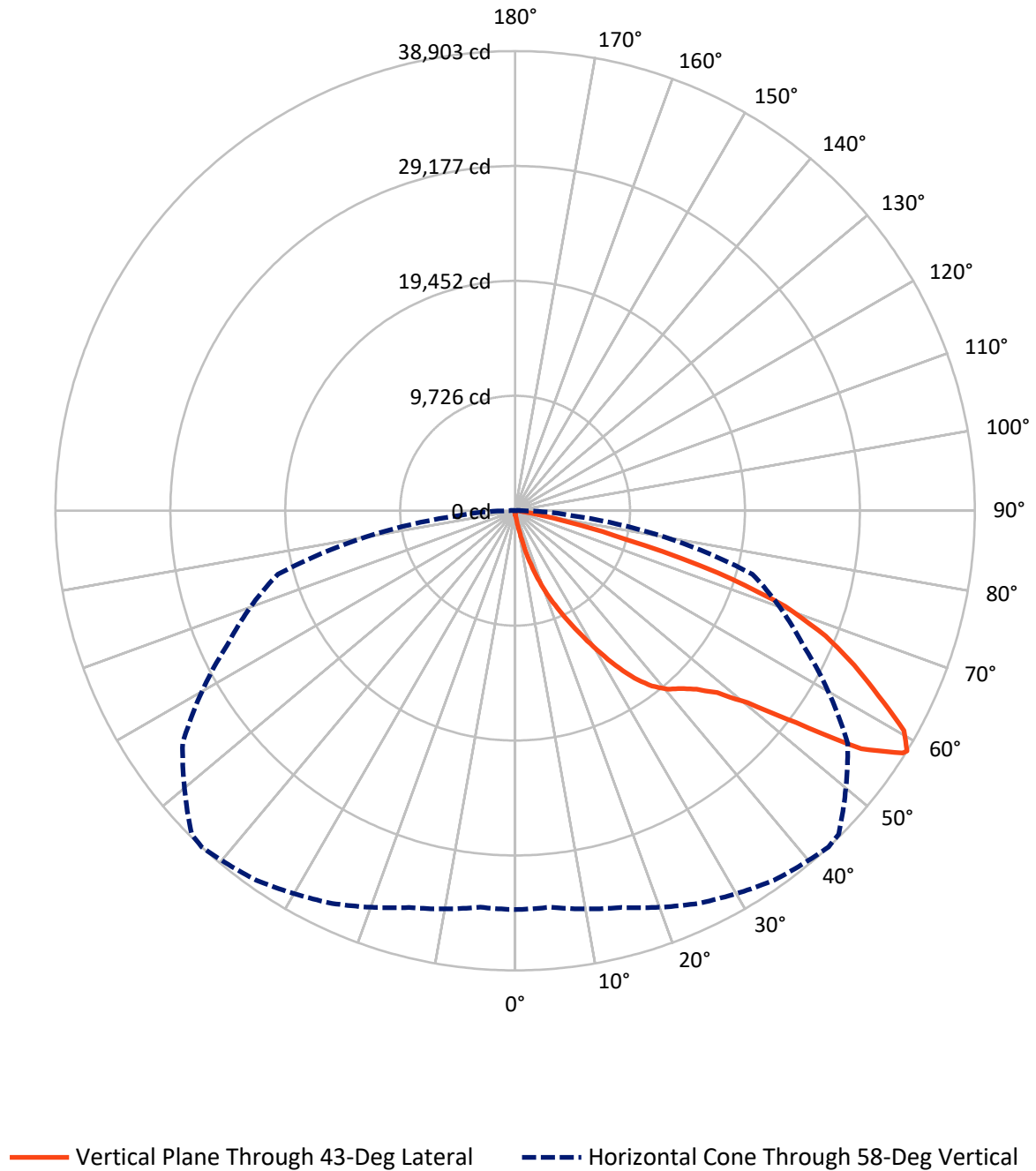


Based on 15 foot mounting height. Maximum calculated value = 52.7 fc
 Type III - Short - N/A

REPORT NUMBER: P1047119

CATALOG NUMBER: GALN-SA9C-727-U-T3BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1047119

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	171.5	0.0	171.5
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	46810.6	0.0	46810.6
	% Fixture	99.6	0.0	99.6
Total	Lumens	46982.1	0.0	46982.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	45.0	0.1
10°-20°	540.0	1.1
20°-30°	1946.5	4.1
30°-40°	4453.6	9.5
40°-50°	7511.5	16.0
50°-60°	12395.8	26.4
60°-70°	13853.9	29.5
70°-80°	5720.1	12.2
80°-90°	515.7	1.1
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°	46982.1	100.0
0°-180°	46982.1	100.0



REPORT NUMBER: P1047119

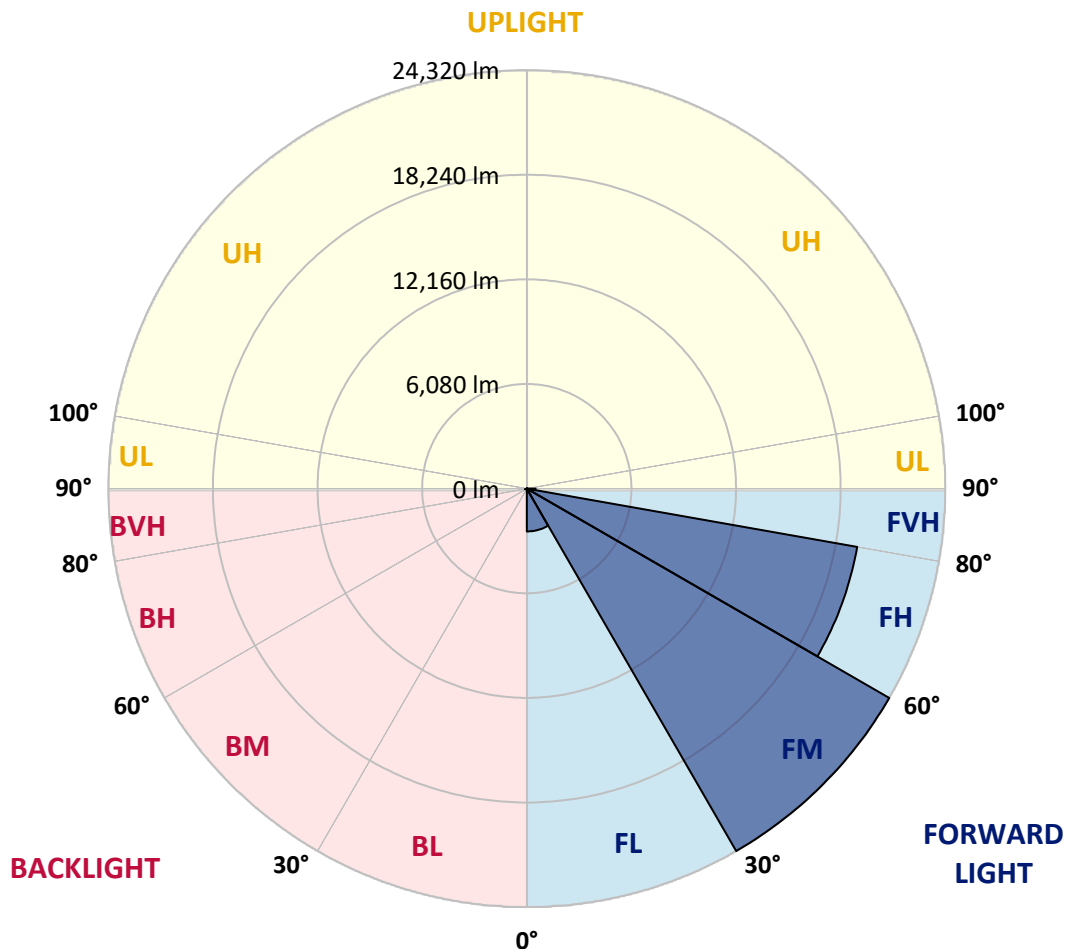
CATALOG NUMBER: GALN-SA9C-727-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2486.8	5.3			
FM	(30°-60°)	24319.8	51.8			
FH	(60°-80°)	19495.4	41.5			G5
FVH	(80°-90°)	508.6	1.1			G4/750
BL	(0°-30°)	44.7	0.1	B0/110		
BM	(30°-60°)	41.1	0.1	B0/220		
BH	(60°-80°)	78.6	0.2	B0/110		G0/110
BVH	(80°-90°)	7.1	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-G5

Type III Short





REPORT NUMBER: P1047119

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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	307.2	307.2	307.2	307.2	307.2	307.2	307.2	307.2	307.2	307.2	307.2
2.5°	368.6	380.9	368.6	368.6	368.6	356.3	356.3	344.1	344.1	331.8	319.5
5°	540.7	540.7	503.8	479.2	454.6	442.4	430.1	405.5	380.9	356.3	331.8
7.5°	1204.2	1204.2	1093.6	946.2	749.6	639.0	614.4	503.8	430.1	380.9	331.8
10°	2875.3	2875.3	2629.6	2224.1	1720.3	1277.9	1142.8	725.0	516.1	405.5	344.1
12.5°	4779.9	4841.4	4534.2	4018.1	3268.5	2494.4	2224.1	1327.1	688.1	442.4	344.1
15°	6487.9	6340.5	6254.5	5763.0	5050.3	4128.7	3784.6	2236.4	995.3	503.8	344.1
17.5°	7643.0	7643.0	7520.1	7188.3	6537.1	5726.1	5443.5	3612.6	1609.7	577.5	356.3
20°	8994.6	8994.6	8773.5	8540.0	7962.5	7274.4	7004.0	5136.3	2494.4	737.3	356.3
22.5°	10628.9	10653.5	10407.7	9989.9	9437.0	8675.2	8441.7	6549.4	3612.6	983.0	368.6
25°	12619.5	12644.1	12287.8	11894.5	11046.7	10223.4	9867.1	8171.4	4976.5	1376.2	368.6
27.5°	14819.0	14991.1	14462.7	13786.9	12889.9	11857.7	11587.4	9633.6	6328.2	1941.5	393.2
30°	17559.2	17559.2	16858.8	15912.6	14941.9	13664.0	13319.9	11169.6	7765.9	2691.0	417.8
32.5°	19918.5	19734.1	18837.1	17841.8	16809.6	15617.7	15249.1	12779.3	9240.4	3624.9	466.9
35°	21724.8	21565.0	20459.1	19390.1	18493.1	17399.5	16957.1	14524.1	10800.9	4681.6	540.7
37.5°	23273.0	23211.6	21712.5	20373.1	19783.3	18824.8	18431.6	16170.7	12336.9	5824.4	626.7
40°	24968.7	24772.1	23174.7	21515.9	20631.1	19857.0	19500.7	17497.8	13811.4	7163.8	749.6
42.5°	26418.7	26185.2	24747.5	23125.6	21614.2	20569.7	20225.6	18615.9	15249.1	8503.1	909.3
45°	28028.4	27905.5	26455.5	25226.8	23211.6	21540.4	21085.8	19513.0	16563.9	10100.5	1118.2
47.5°	30449.1	30227.9	28876.2	27868.6	25534.0	23015.0	22363.7	20434.5	17829.5	11673.4	1437.7
50°	33263.0	33115.5	32316.8	31518.1	29195.7	25534.0	24759.8	21761.6	19242.6	13541.1	1855.5
52.5°	35560.8	35536.2	35634.5	35646.8	33889.6	29773.2	28618.2	23899.7	20864.6	15384.3	2445.3
55°	35511.6	35622.2	36703.5	37944.6	38079.8	35560.8	34442.6	27500.0	22978.1	17657.5	3268.5
57.5°	34184.5	34098.5	35241.3	37109.0	38423.8	38694.1	38509.8	33090.9	26160.6	20397.7	4534.2
58°	33754.5	33680.7	34762.1	36666.7	38178.1	38903.0	38718.7	34356.6	26873.3	20790.9	4878.2
60°	32193.9	32206.2	32845.2	34577.7	36089.1	37809.4	37981.5	37969.2	30424.5	23420.5	6610.8
62.5°	30129.6	30031.3	30621.1	32034.2	33361.3	34516.3	34811.2	38214.9	35622.2	26762.7	9916.2
65°	27278.8	27131.4	27758.0	29355.4	30780.8	31530.4	31542.7	34921.8	38067.5	30350.8	14634.7
67.5°	21982.8	21859.9	23113.3	25165.3	27364.8	28347.9	28790.2	30301.6	36003.1	32783.7	17338.0
70°	13467.4	13725.4	15470.3	18689.7	22449.7	24256.0	24919.6	25386.5	30658.0	32415.1	14499.6
72.5°	6217.6	5910.4	7397.2	9645.9	13934.3	17952.4	18640.5	20471.4	24305.2	28139.0	10813.2
75°	2899.9	2789.3	3133.4	4214.7	6315.9	9695.0	10948.4	16342.7	18640.5	19574.4	7802.7
77.5°	1486.8	1499.1	1781.7	1916.9	2605.0	4485.0	5148.6	10751.8	13664.0	10923.8	5234.6
80°	651.3	675.8	688.1	749.6	1056.7	1732.6	1953.8	4988.8	9338.7	5566.4	2863.0
82.5°	417.8	430.1	430.1	430.1	503.8	688.1	786.4	2002.9	4657.1	2764.7	884.7
85°	221.2	221.2	245.8	307.2	356.3	417.8	442.4	639.0	1536.0	823.3	208.9
87.5°	122.9	135.2	147.5	184.3	233.5	282.6	307.2	442.4	589.8	565.2	49.2
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: P1047119

CATALOG NUMBER: GALN-SA9C-727-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	307.2	307.2	307.2	307.2	307.2	307.2	307.2	307.2	307.2	307.2	307.2
2.5°	319.5	307.2	294.9	282.6	270.3	258.0	258.0	258.0	258.0	258.0	258.0
5°	307.2	294.9	282.6	258.0	233.5	221.2	208.9	196.6	196.6	196.6	196.6
7.5°	307.2	294.9	258.0	233.5	208.9	184.3	159.7	159.7	159.7	159.7	159.7
10°	307.2	282.6	245.8	208.9	172.0	147.5	135.2	122.9	122.9	122.9	122.9
12.5°	307.2	270.3	233.5	184.3	147.5	122.9	110.6	98.3	98.3	98.3	98.3
15°	307.2	270.3	221.2	172.0	135.2	98.3	86.0	73.7	73.7	73.7	73.7
17.5°	294.9	258.0	208.9	147.5	110.6	73.7	61.4	49.2	49.2	61.4	61.4
20°	282.6	245.8	184.3	122.9	86.0	61.4	36.9	36.9	36.9	36.9	36.9
22.5°	282.6	245.8	172.0	110.6	73.7	36.9	24.6	24.6	24.6	24.6	36.9
25°	282.6	233.5	147.5	86.0	49.2	24.6	12.3	12.3	12.3	12.3	12.3
27.5°	282.6	233.5	135.2	73.7	36.9	24.6	12.3	0.0	0.0	0.0	0.0
30°	270.3	221.2	122.9	61.4	24.6	12.3	0.0	0.0	0.0	0.0	0.0
32.5°	270.3	208.9	98.3	49.2	24.6	12.3	0.0	0.0	0.0	0.0	0.0
35°	282.6	196.6	86.0	36.9	12.3	0.0	0.0	0.0	0.0	0.0	12.3
37.5°	294.9	184.3	73.7	24.6	12.3	0.0	0.0	0.0	0.0	0.0	0.0
40°	307.2	172.0	73.7	24.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	331.8	172.0	61.4	24.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	356.3	172.0	49.2	12.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	405.5	184.3	49.2	12.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	442.4	196.6	36.9	12.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	491.5	184.3	36.9	12.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	552.9	184.3	36.9	12.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	602.1	172.0	36.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	626.7	159.7	24.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	749.6	147.5	24.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	1167.3	122.9	24.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	2371.5	110.6	24.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	4423.6	98.3	24.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	4952.0	110.6	12.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	3121.1	86.0	12.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	1646.6	86.0	12.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	823.3	86.0	12.3	12.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	380.9	61.4	12.3	12.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	159.7	36.9	24.6	12.3	12.3	0.0	0.0	0.0	0.0	0.0	0.0
85°	73.7	36.9	24.6	24.6	12.3	12.3	0.0	0.0	0.0	0.0	0.0
87.5°	36.9	36.9	36.9	24.6	24.6	12.3	12.3	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 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)