

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: P991020

Luminaire Tested: **GPC-SA2D-727-U-T3BC**

Issue Date: 07/03/2025

Test Information

Test Method: LM-79-08
Report Number: P991020
Test Lab: INNOVATION CENTER(G1)
Issue Date: 07/03/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GPC-SA2D-727-U-T3BC
Description: GALLEON PEDESTRAIAN COMPANION 1200mA 2xLight Square PACKAGE 70CRI
2700K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (28) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10438.2 lumens
Efficiency: N/A
Efficacy: 96.5 lumens/watt
Luminous Opening: Rectangular (W 1.33' x L: 0.67' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

Input Watts (W): 108.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

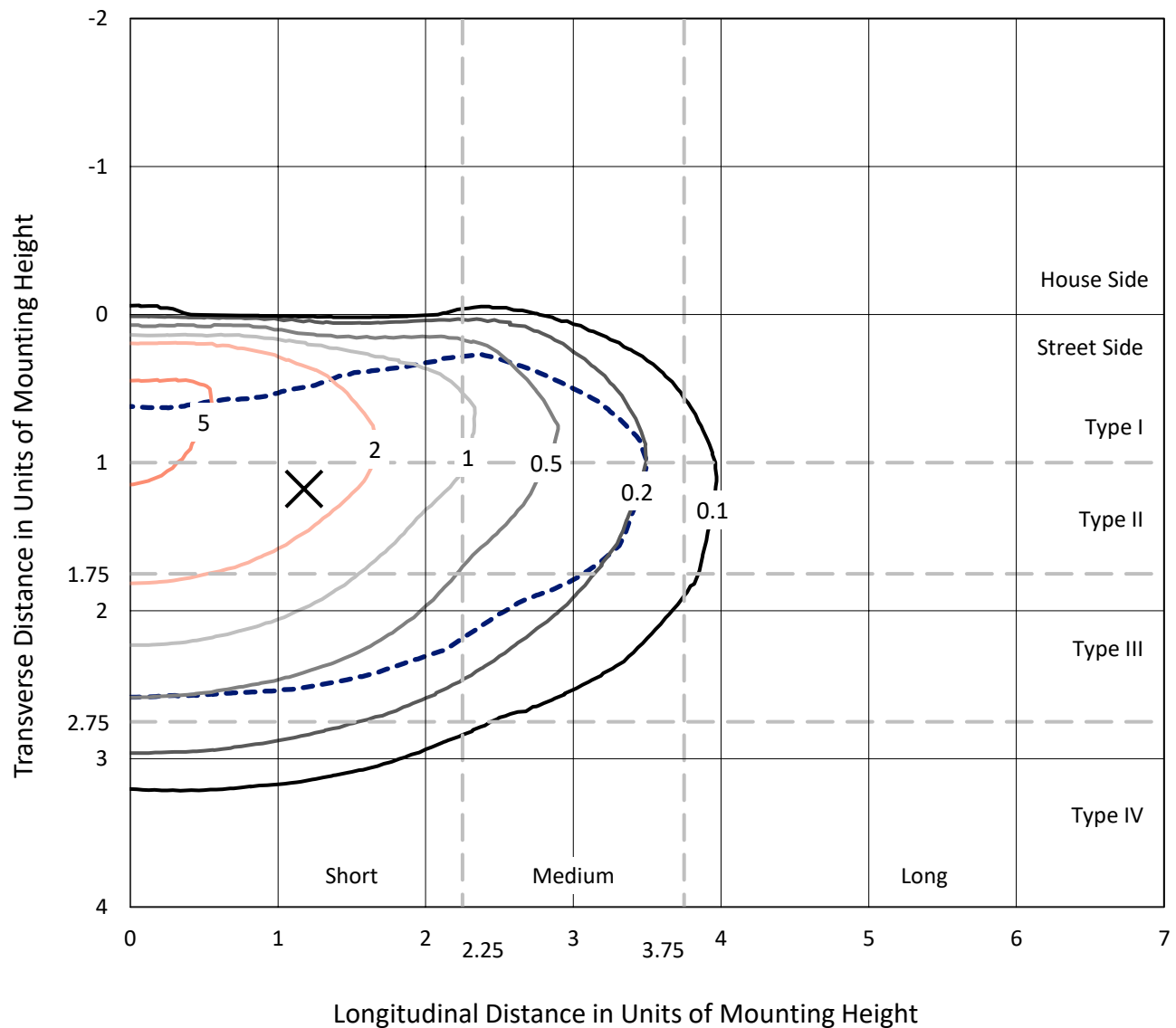


REPORT NUMBER: P991020

CATALOG NUMBER: GPC-SA2D-727-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination

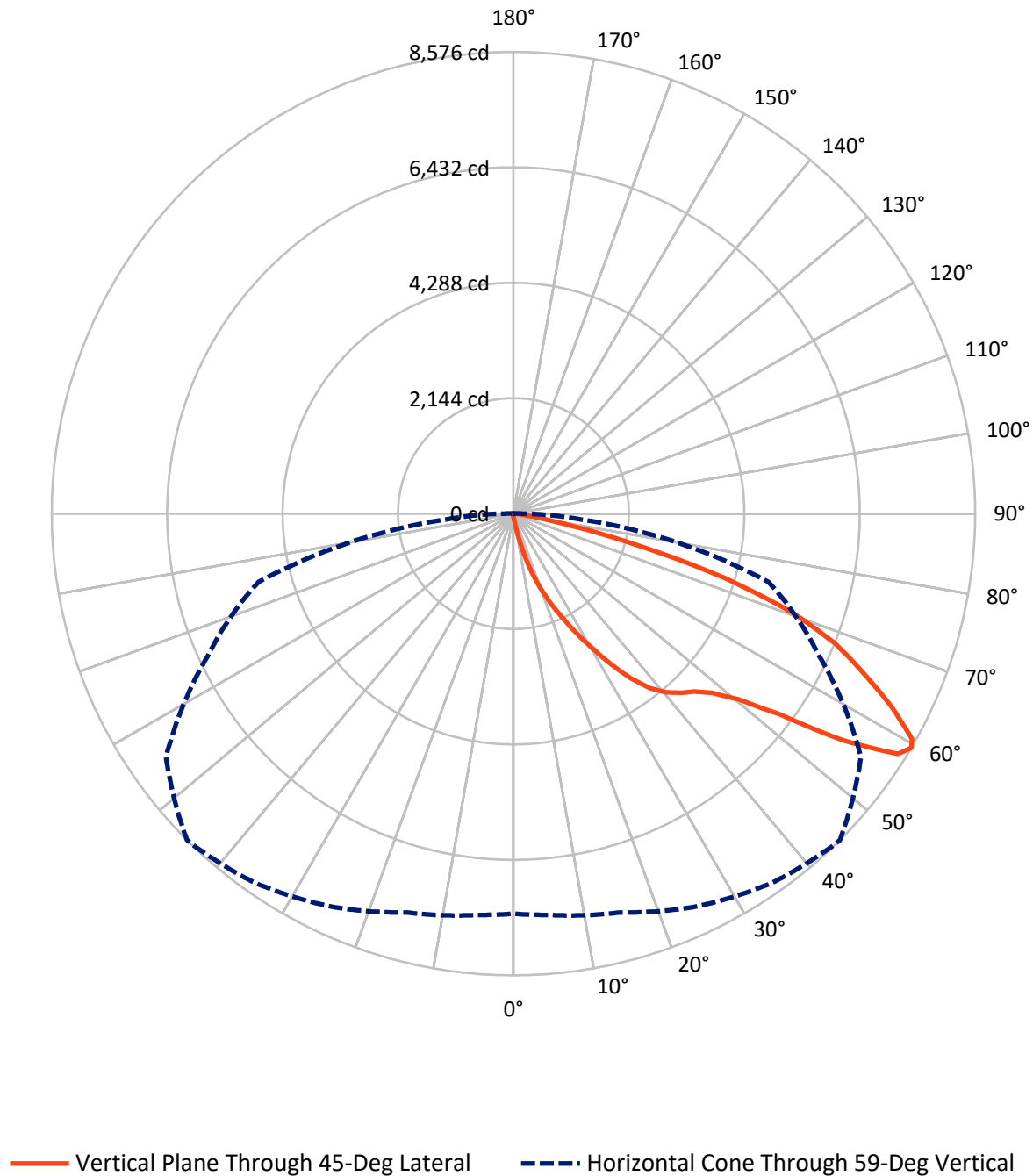
× Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 6.6 fc
 Type III - Short - N/A

REPORT NUMBER: P991020
CATALOG NUMBER: GPC-SA2D-727-U-T3BC

Luminous Intensity Polar Plot



REPORT NUMBER: P991020

CATALOG NUMBER: GPC-SA2D-727-U-T3BC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	28.3	0.0	28.3
	% Fixture	0.3	0.0	0.3
Street Side	Lumens	10409.9	0.0	10409.9
	% Fixture	99.7	0.0	99.7
Total	Lumens	10438.2	0.0	10438.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	10.2	0.1
10°-20°	120.9	1.2
20°-30°	427.3	4.1
30°-40°	984.8	9.4
40°-50°	1661.3	15.9
50°-60°	2738.9	26.2
60°-70°	3111.4	29.8
70°-80°	1279.3	12.3
80°-90°	104.2	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°	10438.2	100.0
0°-180°	10438.2	100.0



REPORT NUMBER: P991020

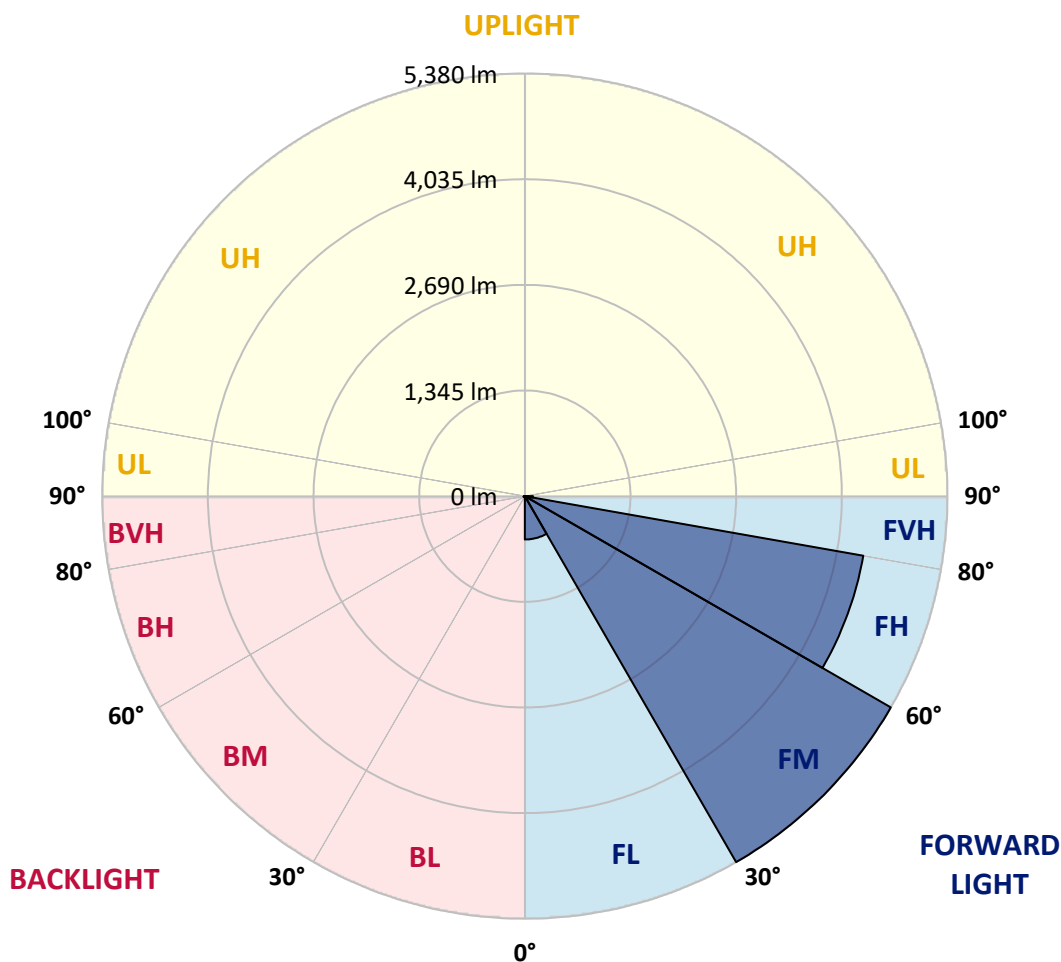
CATALOG NUMBER: GPC-SA2D-727-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	552.4	5.3			
FM	(30°-60°)	5379.6	51.5			
FH	(60°-80°)	4374.6	41.9			G2/5000
FVH	(80°-90°)	103.4	1.0			G2/225
BL	(0°-30°)	6.0	0.1	B0/110		
BM	(30°-60°)	5.4	0.1	B0/220		
BH	(60°-80°)	16.1	0.2	B0/110		G0/110
BVH	(80°-90°)	0.8	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 III Short





REPORT NUMBER: P991020

CATALOG NUMBER: GPC-SA2D-727-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	44°	45°	55°	65°	75°	85°
0°	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
2.5°	77.9	78.8	77.9	77.1	73.7	70.3	70.3	67.8	65.2	62.7	60.1
5°	137.2	133.8	130.4	122.8	108.4	95.7	94.0	83.0	73.7	66.9	61.0
7.5°	348.1	338.8	306.6	268.5	204.1	156.7	155.0	117.7	88.9	72.8	61.8
10°	726.7	701.3	652.1	570.8	441.2	322.7	297.3	181.2	116.9	80.5	62.7
12.5°	1104.4	1105.2	1058.7	947.7	789.3	598.8	565.7	327.8	166.8	94.0	63.5
15°	1436.4	1427.9	1387.3	1308.5	1137.4	917.2	887.6	563.2	252.4	112.6	65.2
17.5°	1690.5	1678.6	1654.0	1600.7	1475.3	1258.5	1227.2	849.5	391.3	137.2	66.1
20°	1988.6	1980.1	1948.8	1875.1	1760.7	1588.0	1543.1	1162.8	596.2	177.9	67.8
22.5°	2357.8	2333.3	2295.2	2201.1	2059.7	1874.2	1859.0	1481.3	847.8	241.4	71.1
25°	2784.7	2750.0	2705.1	2586.5	2412.0	2186.7	2168.1	1793.8	1118.8	337.1	76.2
27.5°	3302.1	3270.0	3189.5	3036.2	2827.0	2557.7	2536.5	2113.1	1419.4	467.5	83.0
30°	3862.8	3821.3	3688.3	3489.3	3290.3	2971.8	2921.0	2440.0	1720.1	630.1	92.3
32.5°	4385.4	4332.0	4167.7	3932.3	3723.9	3387.7	3342.8	2809.2	2036.0	824.1	106.7
35°	4848.6	4785.9	4558.1	4301.5	4092.3	3795.9	3755.2	3168.3	2342.6	1044.3	124.5
37.5°	5217.0	5175.5	4860.5	4570.8	4400.6	4138.1	4111.0	3553.7	2683.9	1298.3	149.1
40°	5597.3	5542.2	5172.1	4807.1	4614.0	4395.5	4363.3	3863.7	3011.6	1572.7	179.5
42.5°	5919.1	5867.5	5519.4	5132.3	4830.8	4570.8	4550.5	4123.7	3329.2	1858.1	219.4
45°	6259.6	6213.0	5901.3	5598.1	5145.9	4745.3	4710.6	4338.8	3639.2	2191.8	271.9
47.5°	6727.1	6665.3	6368.0	6135.1	5617.6	5013.8	4974.8	4549.7	3953.4	2540.8	344.7
50°	7312.3	7267.4	7052.3	6866.8	6318.0	5503.3	5420.3	4823.2	4251.5	2940.5	439.6
52.5°	7880.6	7865.4	7880.6	7814.5	7397.0	6352.8	6191.0	5283.1	4631.0	3358.0	563.2
55°	7951.7	7998.3	8182.1	8393.8	8324.4	7569.8	7433.4	5983.5	5100.2	3884.8	752.1
57.5°	7694.3	7720.5	7955.1	8328.6	8553.1	8437.9	8420.9	7142.9	5762.4	4510.7	1035.8
59°	7430.9	7482.5	7669.7	8050.8	8372.7	8562.4	8575.9	7878.9	6266.4	4900.3	1269.5
60°	7284.4	7300.5	7445.3	7820.5	8166.0	8465.8	8504.8	8255.8	6663.6	5194.2	1478.7
62.5°	6821.9	6830.4	6908.3	7203.9	7509.6	7785.7	7867.9	8485.3	7766.3	5931.0	2218.1
65°	6217.2	6228.3	6346.0	6629.7	6921.0	7106.5	7141.2	7841.6	8347.2	6698.3	3250.5
67.5°	5127.3	5189.1	5339.0	5786.2	6196.1	6418.0	6443.4	6706.8	8029.7	7217.5	3796.7
70°	3471.5	3413.1	3784.9	4407.4	5148.4	5482.1	5483.8	5599.0	6835.5	7089.6	3165.8
72.5°	1516.0	1609.1	1880.2	2428.1	3325.9	4130.4	4113.5	4504.8	5451.6	6023.3	2353.6
75°	665.7	686.9	801.2	1091.7	1512.6	2243.5	2501.8	3616.4	4103.3	3939.0	1711.6
77.5°	358.2	363.3	393.8	456.5	578.4	1059.5	1118.8	2290.9	2909.2	2270.6	1106.1
80°	136.4	136.4	142.3	163.5	241.4	414.1	444.6	1034.9	2007.2	1160.3	559.0
82.5°	85.5	83.8	84.7	85.5	98.2	141.4	150.8	411.6	947.7	572.5	147.4
85°	43.2	44.9	50.0	60.1	71.1	87.2	89.8	128.7	288.0	133.8	38.1
87.5°	27.9	28.8	31.3	40.7	50.0	63.5	65.2	89.8	114.3	94.0	7.6
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: P991020

CATALOG NUMBER: GPC-SA2D-727-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
2.5°	59.3	57.6	55.0	52.5	50.0	45.7	42.3	40.7	39.8	39.0	39.0
5°	58.4	55.9	50.8	46.6	42.3	37.3	33.0	30.5	29.6	28.8	28.8
7.5°	57.6	53.4	47.4	41.5	35.6	29.6	24.6	22.0	21.2	20.3	19.5
10°	56.7	51.7	43.2	36.4	29.6	22.9	17.8	14.4	13.6	12.7	12.7
12.5°	55.9	49.1	39.8	32.2	23.7	16.1	11.9	8.5	6.8	5.9	5.9
15°	55.0	46.6	37.3	27.1	17.8	10.2	5.1	2.5	0.8	0.8	0.8
17.5°	52.5	44.0	33.0	21.2	11.9	5.1	1.7	0.0	0.0	0.0	0.0
20°	50.8	41.5	28.8	16.1	6.8	2.5	0.0	0.0	0.0	0.0	0.0
22.5°	50.0	39.8	24.6	11.0	5.1	0.0	0.0	0.0	0.0	0.0	0.0
25°	50.0	38.1	20.3	8.5	2.5	0.0	0.0	0.0	0.0	0.0	0.0
27.5°	50.8	36.4	16.1	5.9	0.8	0.0	0.0	0.0	0.0	0.0	0.0
30°	49.1	34.7	11.9	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	49.1	31.3	8.5	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	50.0	27.1	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	52.5	23.7	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	56.7	22.0	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	62.7	21.2	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	69.4	21.2	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	79.6	22.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	91.5	22.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	105.0	23.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	119.4	22.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	138.9	22.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59°	159.2	20.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	180.4	18.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	291.3	16.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	571.7	15.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	977.3	16.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1038.3	15.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	681.8	12.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	347.2	13.6	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	155.8	13.6	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	62.7	7.6	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	25.4	5.1	2.5	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	10.2	5.1	3.4	1.7	0.8	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.8	5.1	4.2	3.4	1.7	0.0	0.0	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



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 $\text{W}^\wedge/\text{nm}$	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)