

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: P991162

Luminaire Tested: **GPC-SA1B-727-U-T4BC**

Issue Date: 07/03/2025

Test Information

Test Method: LM-79-08
Report Number: P991162
Test Lab: INNOVATION CENTER(G1)
Issue Date: 07/03/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GPC-SA1B-727-U-T4BC
Description: GALLEON PEDESTRAIAN COMPANION 800mA 1xLight Square PACKAGE 70CRI
2700K FIXTURE w/ TYPE IV ANGLED BACKLIGHT CONTROL
Light Source: (14) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3744.1 lumens
Efficiency: N/A
Efficacy: 98.3 lumens/watt
Luminous Opening: Rectangular (W 0.67' x L: 0.67' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B0 - U0 - G1

Input Watts (W): 38.1
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

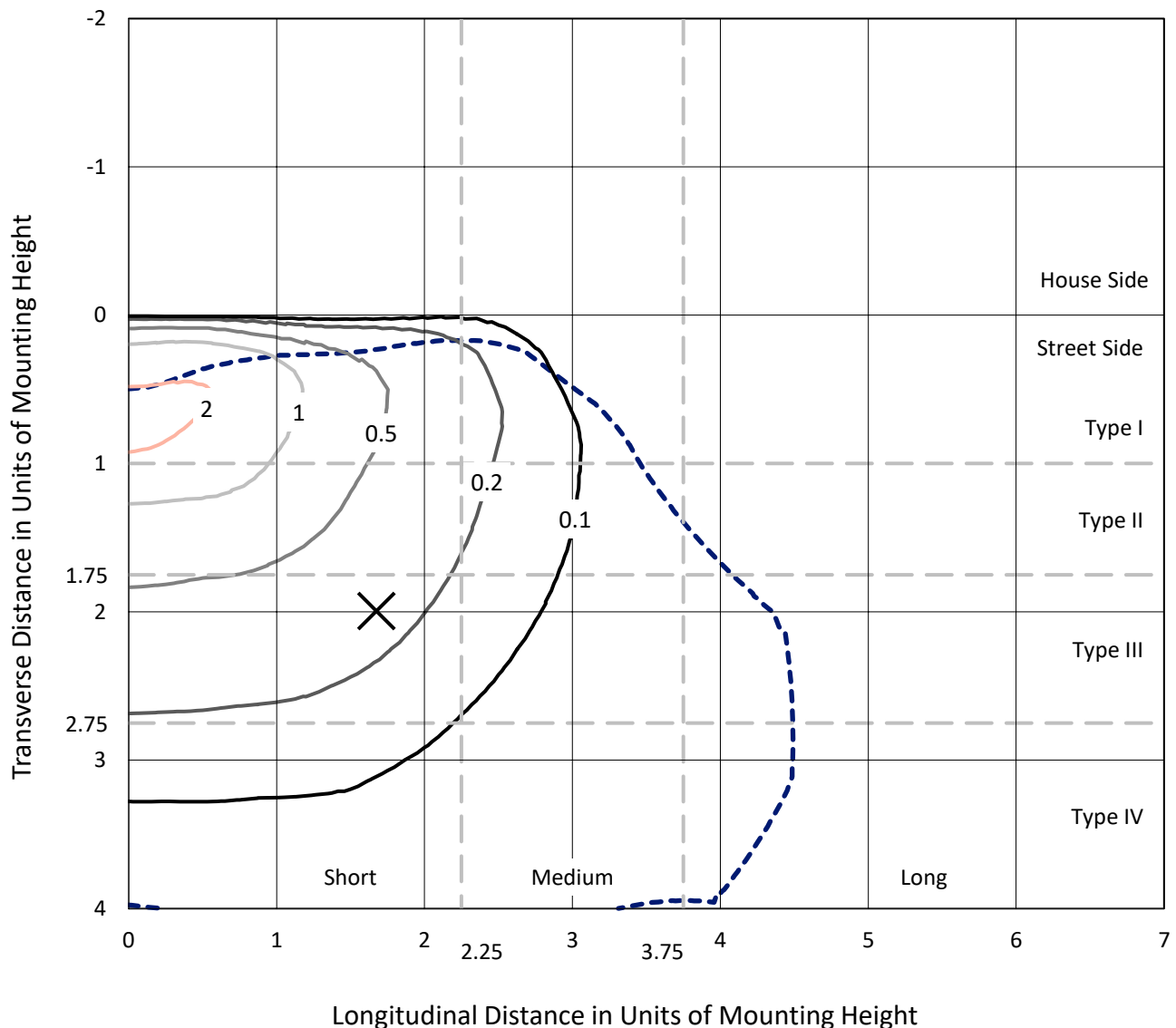


REPORT NUMBER: P991162

CATALOG NUMBER: GPC-SA1B-727-U-T4BC

Iso-Footcandle Lines of Horizontal Illumination

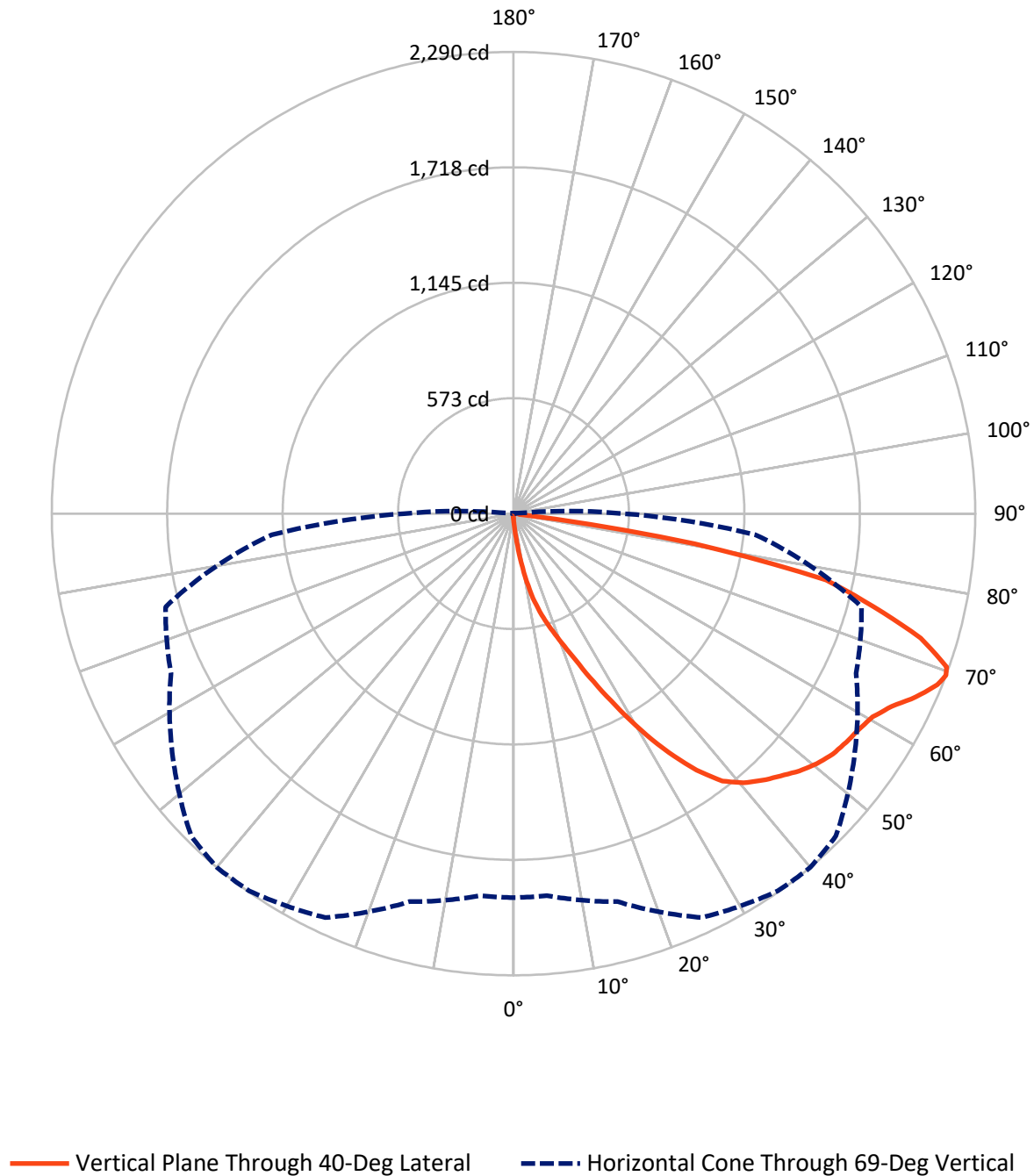
✕ Max cd
 - - - 1/2 Max cd



Based on 20 foot mounting height. Maximum calculated value = 2.4 fc
 Type IV - Short - N/A

REPORT NUMBER: P991162
CATALOG NUMBER: GPC-SA1B-727-U-T4BC

Luminous Intensity Polar Plot



REPORT NUMBER: P991162

CATALOG NUMBER: GPC-SA1B-727-U-T4BC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	16.4	0.0	16.4
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	3727.7	0.0	3727.7
	% Fixture	99.6	0.0	99.6
Total	Lumens	3744.1	0.0	3744.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	7.9	0.2
10°-20°	59.8	1.6
20°-30°	180.1	4.8
30°-40°	396.5	10.6
40°-50°	609.4	16.3
50°-60°	750.4	20.0
60°-70°	947.3	25.3
70°-80°	728.7	19.5
80°-90°	64.0	1.7
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°	3744.1	100.0
0°-180°	3744.1	100.0

Coefficient of Utilization



REPORT NUMBER: P991162

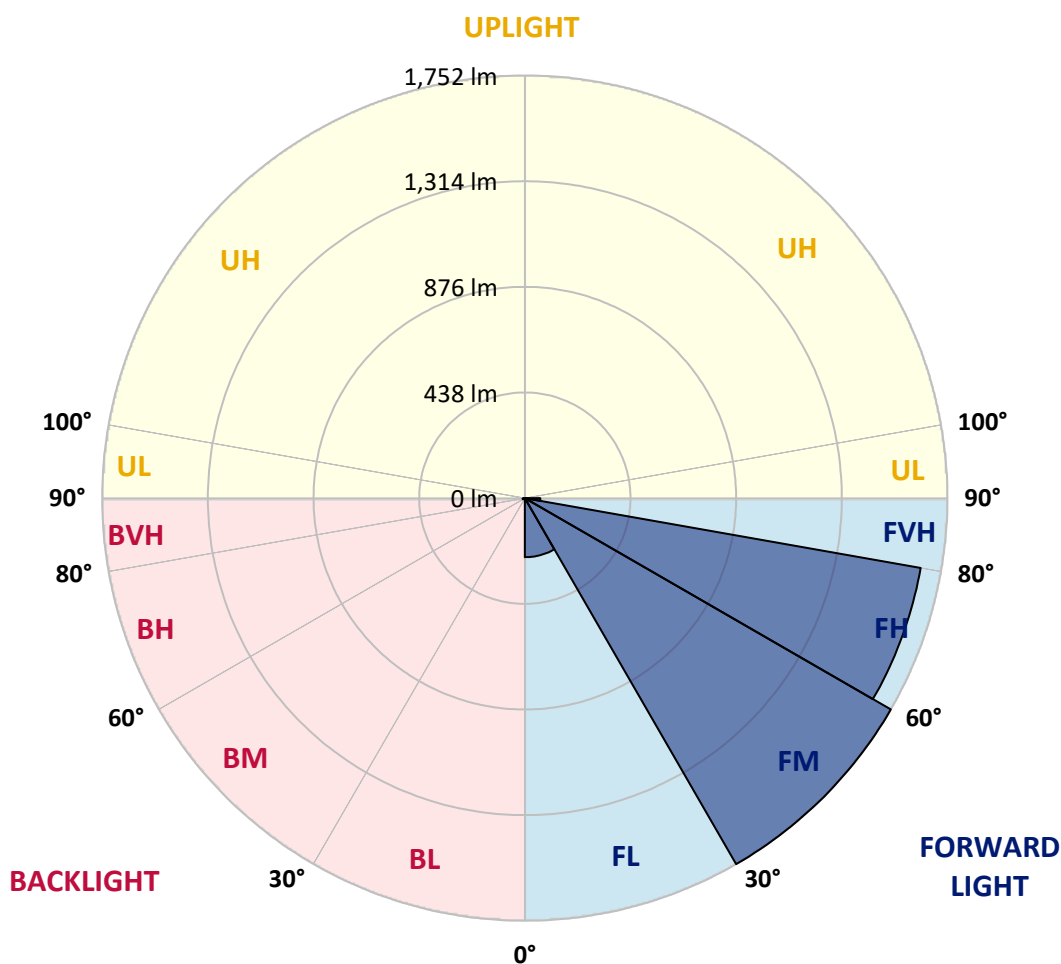
CATALOG NUMBER: GPC-SA1B-727-U-T4BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	245.0	6.5			
FM	(30°-60°)	1752.2	46.8			
FH	(60°-80°)	1666.6	44.5			G1/1800
FVH	(80°-90°)	63.8	1.7			G1/100
BL	(0°-30°)	2.8	0.1	B0/110		
BM	(30°-60°)	4.0	0.1	B0/220		
BH	(60°-80°)	9.4	0.3	B0/110		G0/110
BVH	(80°-90°)	0.2	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-G1

Type IV Short





REPORT NUMBER: P991162

CATALOG NUMBER: GPC-SA1B-727-U-T4BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	40°	45°	55°	65°	75°	85°
0°	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
2.5°	61.1	60.4	57.6	54.1	51.3	49.2	46.4	42.1	37.9	33.0	29.5
5°	160.1	159.4	148.2	134.1	115.2	102.5	89.9	69.5	52.7	40.7	30.9
7.5°	296.4	294.3	283.7	261.9	221.9	200.1	177.0	124.3	80.8	50.6	33.0
10°	431.2	429.8	416.4	384.8	341.3	319.5	288.6	212.1	127.1	66.0	35.8
12.5°	510.6	514.1	504.2	489.5	452.3	431.9	396.8	308.3	195.2	90.6	39.3
15°	575.9	577.3	568.1	559.0	538.6	521.8	492.3	410.8	276.7	123.6	43.5
17.5°	656.6	654.5	644.7	634.2	611.7	599.0	580.1	505.6	363.8	170.7	49.2
20°	759.2	753.5	742.3	724.0	699.5	684.0	664.4	602.6	450.9	222.6	56.2
22.5°	890.5	883.5	871.5	854.7	811.1	787.2	762.0	685.4	547.1	288.6	65.3
25°	1042.2	1038.7	1026.0	1002.1	955.8	924.2	883.5	782.3	642.6	358.9	76.5
27.5°	1220.6	1214.2	1197.4	1169.3	1119.4	1078.0	1027.4	889.1	733.9	433.3	90.6
30°	1420.0	1406.0	1371.5	1347.0	1288.7	1247.9	1189.0	1030.9	828.0	511.3	105.3
32.5°	1605.4	1587.1	1537.3	1503.6	1449.5	1413.0	1358.9	1174.2	934.0	592.7	124.3
35°	1773.2	1753.6	1672.8	1621.6	1594.2	1563.3	1508.5	1337.8	1048.5	679.8	146.1
37.5°	1915.1	1895.4	1791.5	1710.7	1693.9	1683.4	1639.1	1476.2	1178.4	778.1	171.4
40°	1994.5	1981.8	1891.9	1800.6	1768.3	1755.7	1723.4	1592.1	1323.1	876.4	200.9
42.5°	2019.0	2011.3	1938.3	1893.3	1834.3	1809.1	1770.4	1680.5	1447.4	986.7	234.6
45°	2005.7	1997.3	1943.9	1954.4	1905.3	1856.1	1803.4	1740.9	1552.0	1116.6	276.7
47.5°	1948.8	1946.0	1909.5	1969.2	1963.6	1907.4	1842.1	1781.0	1641.9	1242.3	329.4
50°	1809.8	1808.4	1825.2	1948.8	2002.2	1949.5	1884.2	1816.8	1713.5	1368.0	396.8
52.5°	1622.3	1632.1	1717.1	1910.9	2013.4	1982.5	1926.3	1857.5	1772.5	1493.7	487.4
55°	1523.2	1531.7	1643.3	1869.5	2011.3	2002.2	1969.2	1896.8	1826.6	1597.0	608.2
57.5°	1598.4	1589.2	1640.5	1863.8	2002.2	2019.0	2000.1	1927.7	1875.8	1688.3	775.3
60°	1740.9	1738.1	1744.4	1903.9	2021.1	2046.4	2033.1	1948.8	1924.2	1757.8	959.3
62.5°	1884.9	1877.2	1883.5	2014.1	2087.2	2104.7	2088.6	1983.2	1962.2	1808.4	1158.8
65°	1956.5	1950.9	1980.4	2125.1	2181.3	2193.2	2172.1	2038.7	1968.5	1834.3	1284.5
67.5°	1947.4	1946.0	2014.8	2203.0	2259.9	2266.9	2249.4	2094.2	1941.8	1833.6	1297.8
69°	1904.6	1901.8	1992.4	2210.8	2285.2	2290.1	2261.3	2066.1	1874.4	1786.6	1203.0
70°	1854.0	1856.8	1959.3	2196.7	2285.9	2278.9	2212.2	2026.1	1823.1	1732.5	1082.2
72.5°	1665.8	1683.4	1823.8	2104.7	2189.7	2111.0	2024.0	1894.7	1725.5	1476.9	755.6
75°	1393.3	1417.9	1599.1	1913.7	1882.8	1843.5	1832.9	1734.6	1563.3	981.1	537.2
77.5°	681.2	762.7	1134.9	1469.9	1545.0	1585.0	1570.3	1434.0	1256.4	481.8	350.4
80°	35.8	37.2	59.7	140.5	715.6	910.1	1119.4	1094.8	950.9	219.8	184.7
82.5°	19.0	19.0	21.1	24.6	28.8	34.4	91.3	627.1	565.3	113.1	68.8
85°	10.5	10.5	12.6	16.9	21.8	25.3	28.8	37.9	121.5	40.7	11.2
87.5°	4.9	6.3	8.4	11.9	15.5	19.7	22.5	28.1	35.8	34.4	2.1
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: P991162

CATALOG NUMBER: GPC-SA1B-727-U-T4BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
2.5°	27.4	26.0	23.9	22.5	21.8	20.4	19.0	18.3	17.6	16.9	17.6
5°	27.4	25.3	21.8	19.7	18.3	16.2	14.7	14.0	13.3	12.6	12.6
7.5°	27.4	23.9	19.7	16.9	14.7	13.3	11.2	10.5	9.8	9.1	9.1
10°	28.1	22.5	17.6	14.7	12.6	10.5	9.1	7.7	7.0	7.0	7.0
12.5°	28.1	21.1	15.5	12.6	10.5	8.4	6.3	4.9	4.2	4.2	4.2
15°	28.1	19.7	14.0	10.5	8.4	6.3	3.5	2.1	1.4	1.4	0.7
17.5°	28.8	19.0	12.6	9.1	6.3	3.5	0.7	0.0	0.0	0.0	0.0
20°	30.2	18.3	11.2	7.7	4.2	1.4	0.0	0.0	0.0	0.0	0.0
22.5°	31.6	17.6	9.8	5.6	2.1	0.7	0.0	0.0	0.0	0.0	0.0
25°	34.4	17.6	9.1	4.9	1.4	0.0	0.0	0.0	0.0	0.0	0.0
27.5°	37.2	17.6	7.0	2.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0
30°	39.3	17.6	6.3	2.1	0.7	0.0	0.0	0.0	0.0	0.0	0.0
32.5°	42.1	17.6	5.6	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	44.2	16.9	4.2	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	46.4	16.2	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	49.2	15.5	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	52.0	14.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	55.5	13.3	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	60.4	12.6	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	67.4	12.6	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	79.4	12.6	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	99.0	12.6	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	133.4	12.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	200.9	12.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	310.4	14.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	474.7	16.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	601.8	20.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
69°	543.6	19.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	460.7	14.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	256.3	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	133.4	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	56.9	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	16.9	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	5.6	1.4	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	2.1	1.4	0.7	0.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.4	0.7	0.7	0.7	0.7	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



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 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

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)