

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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Peachtree City, GA 30269

Scaled data based on original data using
LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: STREETWORKS

Report Number: P1457276

Luminaire Tested: GLAN-SB3B-840-U-T4LG

Issue Date: 05/20/2026

Test Information

Test Method: LM-79-2024
Report Number: P1457276
Test Lab: INNOVATION CENTER(G1)
Issue Date: 5/22/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: STREETWORKS
Catalog Number: GLAN-SB3B-840-U-T4LG
Description: GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 450mA 3xLight Square
PACKAGE 80CRI 4000K FIXTURE w/ TYPE IV LOW GLARE
Light Source: (78) 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 15813.6 lumens
Efficiency: N/A
Efficacy: 144.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B2 - U0 - G2

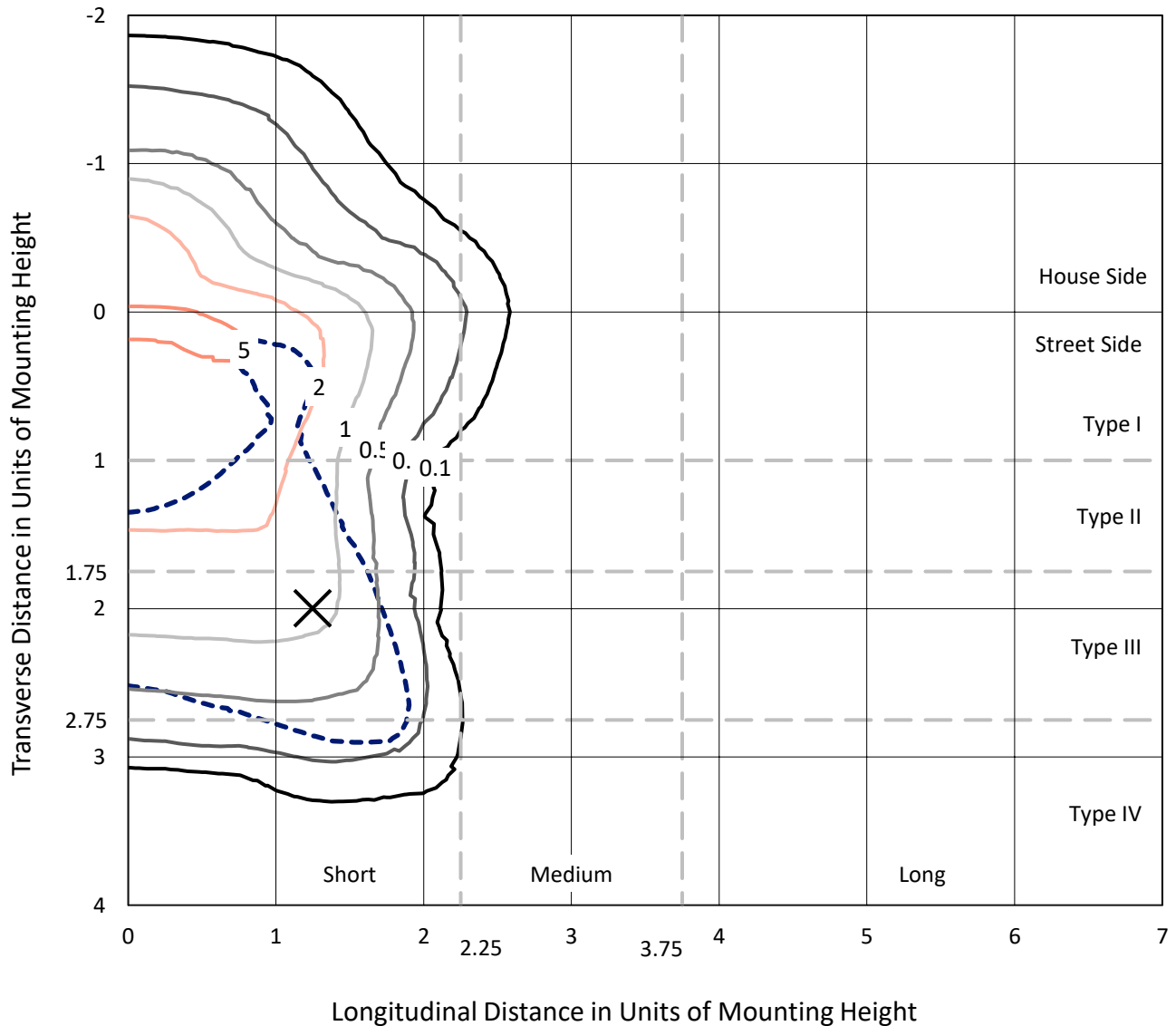
Input Watts (W): 109.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd



Based on 25 foot mounting height. Maximum calculated value = 6.2 fc
 Type IV - Short - N/A

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CATALOG NUMBER: GLAN-SB3B-840-U-T4LG

Luminous Intensity Polar Plot



— Vertical Plane Through 32-Deg Lateral - - - Horizontal Cone Through 67-Deg Vertical

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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3743.8	0.0	3743.8
	% Fixture	23.7	0.0	23.7
Street Side	Lumens	12069.8	0.0	12069.8
	% Fixture	76.3	0.0	76.3
Total	Lumens	15813.6	0.0	15813.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	315.7	2.0
10°-20°	838.2	5.3
20°-30°	1368.8	8.7
30°-40°	2017.5	12.8
40°-50°	2782.3	17.6
50°-60°	3514.8	22.2
60°-70°	3401.7	21.5
70°-80°	1214.0	7.7
80°-90°	360.5	2.3
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°	15813.6	100.0
0°-180°	15813.6	100.0



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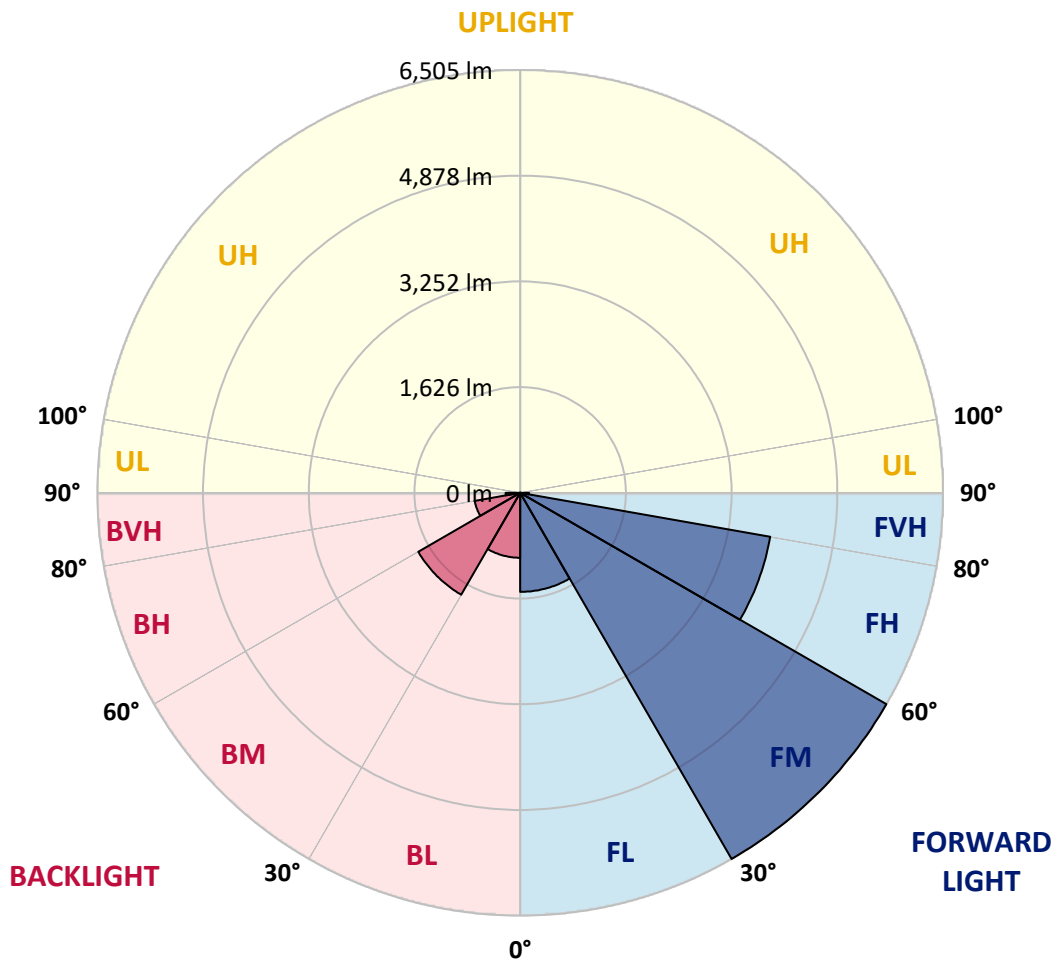
CATALOG NUMBER: GLAN-SB3B-840-U-T4LG

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1523.7	9.6			
FM	(30°-60°)	6504.6	41.1			
FH	(60°-80°)	3905.6	24.7			G2/5000
FVH	(80°-90°)	135.8	0.9			G2/225
BL	(0°-30°)	999.0	6.3	B2/1000		
BM	(30°-60°)	1810.0	11.4	B2/2500		
BH	(60°-80°)	710.1	4.5	B2/1000		G2/1000
BVH	(80°-90°)	224.7	1.4			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2

Type IV Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	32°	35°	45°	55°	65°	75°	85°
0°	3613.1	3613.1	3613.1	3613.1	3613.1	3613.1	3613.1	3613.1	3613.1	3613.1	3613.1
2.5°	3750.0	3739.5	3729.0	3736.0	3721.9	3718.4	3700.9	3693.9	3672.8	3669.3	3630.7
5°	3827.3	3806.2	3802.7	3809.7	3795.7	3795.7	3781.6	3771.1	3739.5	3721.9	3665.8
7.5°	3827.3	3823.8	3830.8	3855.4	3858.9	3858.9	3858.9	3862.4	3830.8	3806.2	3718.4
10°	3609.6	3574.5	3651.7	3774.6	3834.3	3869.4	3932.6	3971.2	3946.7	3929.1	3809.7
12.5°	2960.0	2963.5	3086.4	3349.8	3588.5	3690.3	3953.7	4094.1	4104.7	4076.6	3925.6
15°	2510.6	2528.1	2591.3	2780.9	3054.8	3205.8	3830.8	4203.0	4287.3	4259.2	4066.1
17.5°	2373.6	2384.2	2412.2	2521.1	2675.6	2798.5	3497.2	4273.2	4508.5	4473.4	4224.1
20°	2352.6	2359.6	2394.7	2486.0	2591.3	2661.5	3156.6	4217.0	4715.6	4701.6	4368.0
22.5°	2356.1	2363.1	2408.7	2535.1	2644.0	2703.7	3047.8	4087.1	4933.3	4947.4	4515.5
25°	2363.1	2366.6	2436.8	2605.4	2742.3	2816.0	3118.0	3971.2	5115.9	5235.3	4677.0
27.5°	2401.7	2412.2	2507.0	2696.7	2858.2	2942.4	3283.0	4009.9	5316.1	5561.9	4870.1
30°	2507.0	2514.1	2629.9	2826.6	3002.1	3089.9	3479.7	4164.4	5561.9	5898.9	5059.7
32.5°	2672.1	2679.1	2812.5	3016.2	3205.8	3311.1	3736.0	4459.3	5835.7	6253.6	5249.3
35°	2900.3	2903.8	3054.8	3272.5	3472.6	3592.0	4034.5	4792.9	6120.1	6555.5	5389.8
37.5°	3170.7	3195.3	3349.8	3578.0	3813.2	3922.1	4385.6	5182.6	6373.0	6811.9	5470.6
40°	3542.9	3549.9	3700.9	3922.1	4171.4	4276.7	4736.7	5551.3	6650.3	6962.9	5544.3
42.5°	3925.6	3985.3	4111.7	4357.5	4543.6	4627.9	5137.0	5888.4	6871.6	6969.9	5512.7
45°	4438.2	4483.9	4610.3	4828.0	5014.1	5112.4	5568.9	6197.4	6983.9	6910.2	5442.5
47.5°	5024.6	5052.7	5154.5	5351.2	5558.3	5628.6	6018.3	6373.0	7026.1	6868.0	5410.9
50°	5716.3	5716.3	5790.1	5958.6	6148.2	6246.6	6432.6	6478.3	7148.9	6794.3	5491.6
52.5°	6299.2	6327.3	6425.6	6664.4	6854.0	6966.4	6755.7	6639.8	6899.6	6383.5	5516.2
55°	6857.5	6889.1	7110.3	7408.8	7731.8	7854.7	7159.5	6559.1	6060.5	5783.1	5347.7
57.5°	7391.2	7457.9	7735.3	8318.2	8806.3	8795.7	7672.1	5835.7	4947.4	5119.4	4979.0
60°	8135.6	8205.8	8648.3	9382.1	9979.0	9729.7	7679.1	4856.1	3855.4	4087.1	4287.3
62.5°	8757.1	8876.5	9526.1	10748.0	11295.8	10906.0	7043.6	3718.4	2559.7	2851.2	3314.6
65°	8700.9	8858.9	9866.7	11752.2	12570.3	12208.7	6113.1	2352.6	1320.2	1948.8	2321.0
67°	7935.5	8107.5	9413.7	11787.3	13026.8	12254.3	5161.6	1422.1	839.2	1351.8	1611.7
67.5°	7496.6	7749.4	9189.0	11720.6	12942.5	12061.2	4733.2	1190.3	790.0	1257.0	1467.7
70°	4610.3	5017.6	6896.1	10361.8	11601.2	10094.9	2629.9	674.2	642.6	842.7	1014.8
72.5°	1387.0	1509.8	2661.5	6646.8	8514.8	7482.5	1183.3	519.7	575.8	677.7	783.0
75°	674.2	719.8	1099.0	2717.7	4146.8	4125.7	660.1	445.9	533.7	568.8	618.0
77.5°	431.9	460.0	684.7	1520.4	1899.6	1692.4	477.5	389.8	474.0	467.0	460.0
80°	270.4	284.4	438.9	881.3	1401.0	1169.3	351.1	319.5	407.3	361.7	326.5
82.5°	175.6	193.1	280.9	537.2	1000.7	870.8	231.7	228.2	337.1	287.9	252.8
85°	115.9	129.9	179.1	316.0	593.4	621.5	151.0	158.0	259.8	217.7	193.1
87.5°	42.1	52.7	91.3	140.5	277.4	344.1	63.2	59.7	126.4	101.8	80.8
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3613.1	3613.1	3613.1	3613.1	3613.1	3613.1	3613.1	3613.1	3613.1	3613.1	3613.1
2.5°	3623.6	3613.1	3563.9	3521.8	3490.2	3448.1	3402.4	3349.8	3314.6	3321.7	3311.1
5°	3641.2	3613.1	3518.3	3374.3	3233.9	3058.3	2833.6	2700.2	2598.3	2545.7	2559.7
7.5°	3679.8	3630.7	3430.5	3139.1	2773.9	2415.8	2194.5	2068.1	2008.4	1983.9	1980.4
10°	3746.5	3662.3	3318.2	2773.9	2296.4	2054.1	1973.3	1938.2	1931.2	1931.2	1927.7
12.5°	3827.3	3693.9	3128.5	2419.3	2068.1	1980.4	1966.3	1969.8	1980.4	1990.9	1973.3
15°	3925.6	3707.9	2893.3	2205.1	2022.5	2001.4	2022.5	2047.1	2064.6	2078.7	2061.1
17.5°	4023.9	3693.9	2672.1	2103.3	2029.5	2057.6	2099.7	2138.4	2148.9	2170.0	2155.9
20°	4094.1	3644.7	2482.5	2064.6	2047.1	2110.3	2162.9	2205.1	2226.1	2240.2	2226.1
22.5°	4146.8	3581.5	2345.5	2026.0	2047.1	2124.3	2187.5	2236.7	2261.3	2275.3	2257.7
25°	4192.5	3493.7	2240.2	1969.8	2004.9	2078.7	2148.9	2198.1	2233.2	2254.2	2243.7
27.5°	4248.6	3423.5	2141.9	1885.6	1917.2	1987.4	2061.1	2120.8	2187.5	2222.6	2215.6
30°	4311.8	3388.4	2047.1	1794.3	1815.3	1885.6	1973.3	2054.1	2145.4	2191.0	2191.0
32.5°	4385.6	3363.8	1959.3	1706.5	1724.0	1801.3	1885.6	1959.3	2057.6	2131.3	2127.8
35°	4417.2	3335.7	1889.1	1625.7	1660.8	1724.0	1790.7	1839.9	1941.7	2029.5	2036.5
37.5°	4448.8	3325.2	1854.0	1562.5	1590.6	1639.8	1674.9	1699.5	1794.3	1885.6	1889.1
40°	4487.4	3374.3	1878.5	1520.4	1495.8	1545.0	1562.5	1576.6	1625.7	1685.4	1685.4
42.5°	4462.8	3409.4	1934.7	1481.8	1379.9	1436.1	1443.1	1439.6	1443.1	1446.6	1443.1
45°	4399.6	3374.3	1934.7	1422.1	1257.0	1316.7	1313.2	1295.7	1267.6	1193.8	1183.3
47.5°	4385.6	3353.3	1861.0	1323.7	1134.1	1183.3	1190.3	1155.2	1074.4	997.2	972.6
50°	4445.3	3391.9	1745.1	1204.4	1028.8	1070.9	1088.5	1028.8	937.5	856.8	842.7
52.5°	4533.1	3441.0	1576.6	1074.4	941.0	983.2	1004.2	937.5	842.7	779.5	772.5
55°	4522.5	3441.0	1387.0	955.1	874.3	905.9	941.0	870.8	797.1	761.9	758.4
57.5°	4294.3	3311.1	1246.5	870.8	811.1	839.2	884.8	818.1	747.9	754.9	765.5
60°	3848.4	2974.0	1141.2	814.6	754.9	783.0	832.2	754.9	663.6	639.1	639.1
62.5°	3170.7	2450.9	1056.9	758.4	702.3	737.4	761.9	660.1	600.4	572.3	572.3
65°	2377.1	1896.1	969.1	712.8	656.6	695.2	667.1	618.0	558.3	537.2	540.7
67°	1762.7	1471.2	895.4	674.2	628.5	646.1	625.0	589.9	530.2	512.6	530.2
67.5°	1583.6	1397.5	877.8	663.6	621.5	635.5	614.5	586.4	523.2	505.6	523.2
70°	1088.5	1074.4	783.0	614.5	582.9	568.8	579.4	544.2	491.6	484.6	502.1
72.5°	828.7	856.8	702.3	572.3	540.7	523.2	547.8	512.6	460.0	470.5	488.1
75°	649.6	691.7	628.5	512.6	491.6	495.1	544.2	530.2	488.1	498.6	502.1
77.5°	481.0	558.3	537.2	445.9	428.4	477.5	614.5	656.6	582.9	565.3	540.7
80°	351.1	400.3	453.0	368.7	358.1	460.0	758.4	839.2	719.8	649.6	632.0
82.5°	259.8	280.9	372.2	294.9	259.8	410.8	842.7	986.7	856.8	723.3	702.3
85°	186.1	217.7	294.9	217.7	172.1	337.1	825.1	965.6	849.7	684.7	667.1
87.5°	66.7	94.8	126.4	98.3	87.8	231.7	681.2	695.2	530.2	242.3	245.8
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: SP1-2407-184-11

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-840-U-5WQ

Data in this report applies to families of products including GSS-SB1A-840-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-11
 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-840-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 4000K CCT 26 LEDS

Spectral Parameters

CCT (K): 3897
 CIE u': 0.2249
 CIE v': 0.5084
 Duv: 0.0039
 CIE x: 0.3882
 CIE y: 0.3900
 CIE z: 0.2218
 Peak Wavelength (nm): 445
 Dominant Wavelength (nm): 577
 Purity: 33.54925
 Rf: 81.8
 Rg: 98.6

CRI (Ra):	80.2		
R1:	78.9	R9:	6.7
R2:	83.5	R10:	61.9
R3:	88.3	R11:	81.9
R4:	82.1	R12:	58.9
R5:	78.8	R13:	79.2
R6:	78.4	R14:	93.2
R7:	85.8	R15:	71.9
R8:	65.8		



Test Conditions

Stabilization Time: 24M
 Operation Time: 1H 24M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-11

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

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CIE 1931 Chromaticity Diagram



CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 4000K 4-step quadrangle

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Photopic Flux vs. Wavelength



Photopic Lumens: NR

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



Scotopic Lumens: NR S/P: 1.57

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.06

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	242	NR	620	792	NR	750	29	NR	880	1	NR
365	0	NR	495	320	NR	625	748	NR	755	25	NR	885	1	NR
370	0	NR	500	401	NR	630	703	NR	760	22	NR	890	1	NR
375	0	NR	505	479	NR	635	651	NR	765	19	NR	895	1	NR
380	0	NR	510	546	NR	640	599	NR	770	16	NR	900	1	NR
385	0	NR	515	602	NR	645	545	NR	775	14	NR	905	0	NR
390	2	NR	520	645	NR	650	493	NR	780	12	NR	910	0	NR
395	4	NR	525	674	NR	655	443	NR	785	10	NR	915	0	NR
400	6	NR	530	699	NR	660	394	NR	790	9	NR	920	0	NR
405	11	NR	535	718	NR	665	349	NR	795	8	NR	925	0	NR
410	22	NR	540	732	NR	670	307	NR	800	7	NR	930	0	NR
415	43	NR	545	749	NR	675	269	NR	805	6	NR	935	0	NR
420	86	NR	550	762	NR	680	235	NR	810	5	NR	940	0	NR
425	164	NR	555	778	NR	685	204	NR	815	5	NR	945	0	NR
430	288	NR	560	792	NR	690	178	NR	820	4	NR	950	0	NR
435	478	NR	565	809	NR	695	153	NR	825	3	NR	955	0	NR
440	766	NR	570	827	NR	700	132	NR	830	3	NR	960	0	NR
445	1000	NR	575	845	NR	705	114	NR	835	3	NR	965	0	NR
450	726	NR	580	862	NR	710	98	NR	840	2	NR	970	0	NR
455	425	NR	585	875	NR	715	84	NR	845	2	NR	975	0	NR
460	324	NR	590	887	NR	720	73	NR	850	2	NR	980	0	NR
465	225	NR	595	890	NR	725	63	NR	855	1	NR	985	0	NR
470	157	NR	600	887	NR	730	54	NR	860	1	NR	990	0	NR
475	147	NR	605	875	NR	735	46	NR	865	1	NR	995	0	NR
480	154	NR	610	856	NR	740	40	NR	870	1	NR	1000	0	NR
485	184	NR	615	828	NR	745	34	NR	875	1	NR			

Summary

$R_f = 81.8$
 $R_g = 98.6$
 CIE $R_a = 80.2$
 $R_9 = 6.7$



Color Vector Graphics

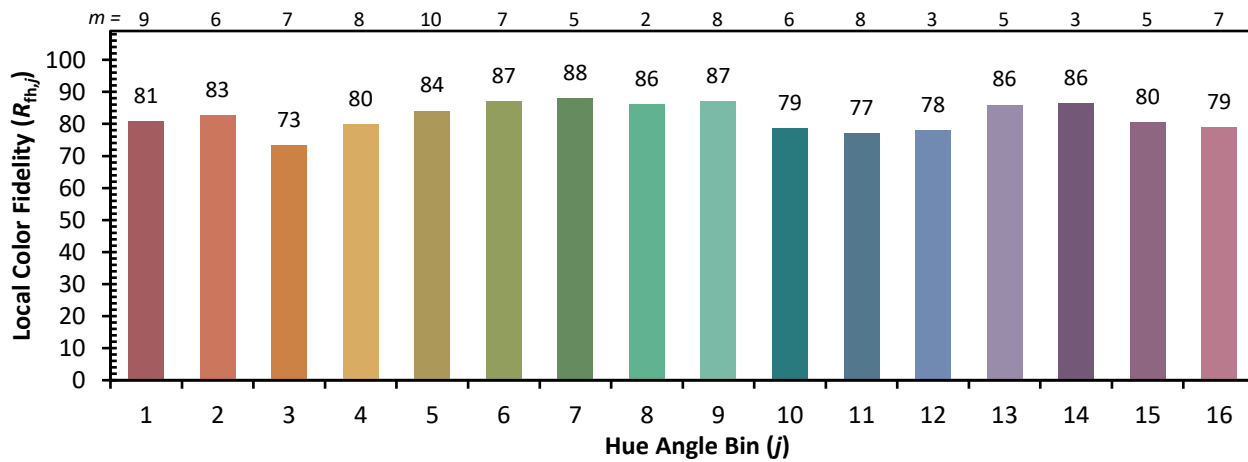


Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 85	CES26 = 73	CES51 = 93	CES76 = 66
CES02 = 61	CES27 = 91	CES52 = 93	CES77 = 80
CES03 = 31	CES28 = 87	CES53 = 83	CES78 = 66
CES04 = 69	CES29 = 71	CES54 = 89	CES79 = 88
CES05 = 48	CES30 = 77	CES55 = 88	CES80 = 85
CES06 = 50	CES31 = 74	CES56 = 80	CES81 = 83
CES07 = 41	CES32 = 70	CES57 = 79	CES82 = 93
CES08 = 40	CES33 = 77	CES58 = 80	CES83 = 91
CES09 = 29	CES34 = 79	CES59 = 92	CES84 = 91
CES10 = 74	CES35 = 88	CES60 = 95	CES85 = 84
CES11 = 57	CES36 = 98	CES61 = 91	CES86 = 78
CES12 = 63	CES37 = 85	CES62 = 90	CES87 = 84
CES13 = 42	CES38 = 85	CES63 = 81	CES88 = 85
CES14 = 74	CES39 = 95	CES64 = 81	CES89 = 78
CES15 = 71	CES40 = 90	CES65 = 76	CES90 = 84
CES16 = 47	CES41 = 90	CES66 = 78	CES91 = 85
CES17 = 49	CES42 = 84	CES67 = 76	CES92 = 71
CES18 = 56	CES43 = 81	CES68 = 80	CES93 = 84
CES19 = 71	CES44 = 99	CES69 = 86	CES94 = 65
CES20 = 65	CES45 = 87	CES70 = 73	CES95 = 77
CES21 = 86	CES46 = 85	CES71 = 70	CES96 = 83
CES22 = 78	CES47 = 84	CES72 = 90	CES97 = 87
CES23 = 91	CES48 = 79	CES73 = 65	CES98 = 81
CES24 = 90	CES49 = 84	CES74 = 98	CES99 = 75
CES25 = 71	CES50 = 91	CES75 = 68	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)