

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

Cooper Lighting Solutions Photometric Lab
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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: P1458951

Luminaire Tested: GLAN-SB8A-830-U-T4LG-HSS

Issue Date: 05/20/2026

Test Information

Test Method: LM-79-2024
Report Number: P1458951
Test Lab: INNOVATION CENTER(G1)
Issue Date: 5/22/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: STREETWORKS
Catalog Number: GLAN-SB8A-830-U-T4LG-HSS
Description: GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 350mA 8xLight Square PACKAGE 80CRI 3000K FIXTURE w/ TYPE IV LOW GLARE WITH HOUSE SIDE SHIELD
Light Source: (208) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

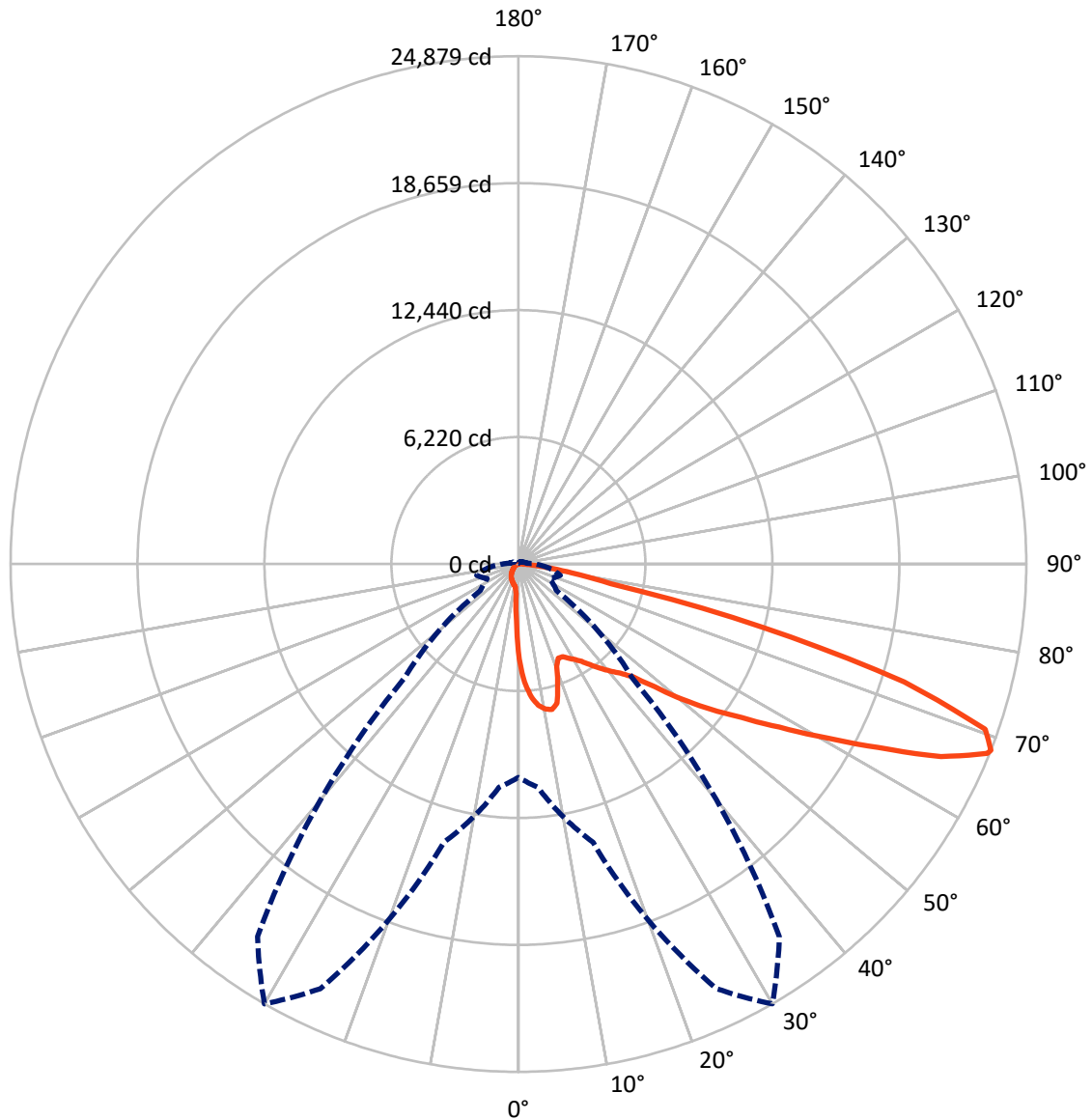
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 23625.3 lumens
Efficiency: N/A
Efficacy: 104.0 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B2 - U0 - G3

Input Watts (W): 227.1
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: P1458951
CATALOG NUMBER: GLAN-SB8A-830-U-T4LG-HSS

Luminous Intensity Polar Plot



— Vertical Plane Through 30-Deg Lateral - - - Horizontal Cone Through 68-Deg Vertical

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CATALOG NUMBER: GLAN-SB8A-830-U-T4LG-HSS

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1803.2	0.0	1803.2
	% Fixture	7.6	0.0	7.6
Street Side	Lumens	21822.1	0.0	21822.1
	% Fixture	92.4	0.0	92.4
Total	Lumens	23625.3	0.0	23625.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	402.0	1.7
10°-20°	1147.6	4.9
20°-30°	1803.5	7.6
30°-40°	2828.6	12.0
40°-50°	4227.9	17.9
50°-60°	5624.5	23.8
60°-70°	5437.2	23.0
70°-80°	1954.5	8.3
80°-90°	199.5	0.8
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°	23625.3	100.0
0°-180°	23625.3	100.0

Coefficient of Utilization



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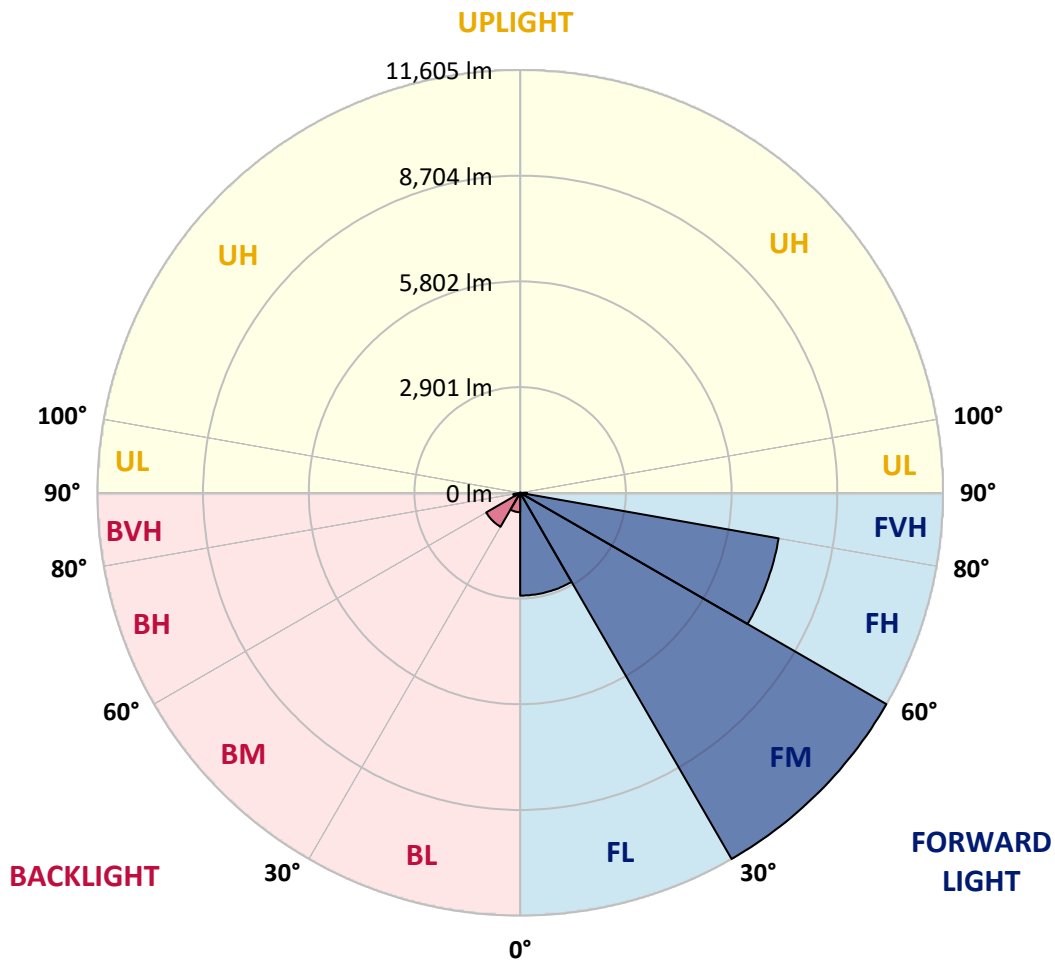
CATALOG NUMBER: GLAN-SB8A-830-U-T4LG-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2820.9	11.9			
FM	(30°-60°)	11604.7	49.1			
FH	(60°-80°)	7204.1	30.5			G3/7500
FVH	(80°-90°)	192.4	0.8			G2/225
BL	(0°-30°)	532.2	2.3	B2/1000		
BM	(30°-60°)	1076.4	4.6	B2/2500		
BH	(60°-80°)	187.5	0.8	B1/500		G1/500
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: B2-U0-G3

Type IV Short





REPORT NUMBER: P1458951
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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	30°	35°	45°	55°	65°	75°	85°
0°	4658.6	4658.6	4658.6	4658.6	4658.6	4658.6	4658.6	4658.6	4658.6	4658.6	4658.6
2.5°	5954.3	5954.3	5911.8	5855.1	5791.4	5770.2	5649.8	5479.9	5302.9	5097.6	4800.2
5°	6718.9	6711.8	6626.9	6626.9	6541.9	6464.0	6343.7	6095.9	5812.7	5444.5	4927.7
7.5°	7058.7	7072.9	7037.5	7037.5	6987.9	6931.3	6860.5	6619.8	6287.0	5791.4	5055.1
10°	7179.1	7186.2	7186.2	7235.7	7221.6	7214.5	7207.4	7072.9	6726.0	6145.4	5189.6
12.5°	6888.8	6924.2	7023.3	7242.8	7313.6	7391.5	7497.7	7455.2	7214.5	6591.5	5394.9
15°	5954.3	5961.3	6237.5	6782.6	7072.9	7370.3	7780.9	7865.9	7710.1	7072.9	5607.3
17.5°	4913.5	4934.7	5154.2	5763.1	6230.4	6917.1	7943.7	8290.7	8234.0	7547.3	5805.6
20°	4481.6	4509.9	4616.1	4998.5	5352.5	5989.7	7780.9	8694.2	8715.5	8021.6	5989.7
22.5°	4382.5	4403.7	4488.7	4786.1	5005.5	5430.3	7228.7	9012.8	9260.6	8566.8	6209.1
25°	4354.2	4375.4	4502.9	4828.5	5033.9	5387.9	6726.0	9182.7	9904.9	9133.2	6421.5
27.5°	4332.9	4361.3	4566.6	4984.3	5225.0	5564.9	6633.9	9218.1	10520.9	9735.0	6768.5
30°	4361.3	4403.7	4672.8	5147.1	5423.3	5805.6	6853.4	9253.5	11200.5	10421.7	7207.4
32.5°	4474.5	4509.9	4835.6	5366.6	5685.2	6117.1	7228.7	9465.9	11844.8	11122.6	7625.1
35°	4602.0	4651.5	5040.9	5678.1	6060.5	6549.0	7738.4	9883.7	12460.8	11788.2	8057.0
37.5°	4757.7	4814.4	5281.7	6032.1	6471.1	7023.3	8290.7	10464.2	13005.9	12333.3	8488.9
40°	4970.1	5033.9	5557.8	6407.4	6881.7	7434.0	8835.8	11037.7	13423.6	12659.0	8772.1
42.5°	5805.6	5890.5	6110.0	6775.5	7306.5	7872.9	9373.9	11582.8	13579.4	12765.2	8828.7
45°	7363.2	7448.1	7391.5	7518.9	7872.9	8403.9	9961.5	12106.8	13600.6	12736.9	8800.4
47.5°	8927.9	9027.0	8977.4	8906.6	8984.5	9239.4	10620.0	12439.5	13487.4	12722.7	8800.4
50°	10421.7	10365.1	10372.2	10350.9	10421.7	10556.3	11257.2	12503.2	13459.0	12857.2	8878.3
52.5°	11221.8	11250.1	11427.1	11689.0	11844.8	11979.3	11986.4	12602.4	13253.7	12630.7	8786.3
55°	12007.6	12064.3	12474.9	12921.0	13267.9	13522.8	12715.6	12538.6	12028.9	11873.1	8304.8
57.5°	12892.6	12970.5	13551.1	14471.5	15080.4	15214.9	13437.8	11349.2	10181.0	10789.9	7370.3
60°	14110.4	14202.4	14974.2	16354.8	17261.0	16984.9	13494.4	9458.9	8085.3	8956.2	6081.7
62.5°	15066.2	15250.3	16645.0	18797.3	19795.6	18917.7	12439.5	7249.9	5649.8	6294.1	4439.1
65°	14046.7	14400.7	16673.4	21593.9	22748.0	21190.4	10782.8	4948.9	3186.0	4071.0	2839.1
67.5°	11356.3	11851.9	14804.2	22953.3	24772.9	22386.9	8488.9	2626.7	1826.6	2364.7	1493.9
68°	10450.1	10988.1	14117.5	22953.3	24879.0	22280.7	7880.0	2272.7	1685.0	2124.0	1295.6
70°	7221.6	7603.9	10853.6	21664.7	24256.0	20312.5	5189.6	1302.7	1267.3	1458.5	856.7
72.5°	3540.0	3950.6	5805.6	17169.0	19760.2	15611.4	2364.7	863.8	962.9	1069.1	672.6
75°	1408.9	1493.9	2286.8	8467.7	12347.5	9961.5	1239.0	651.4	828.4	835.4	531.0
77.5°	807.1	856.7	1267.3	3115.2	4630.3	4453.3	800.0	467.3	658.4	601.8	346.9
80°	453.1	460.2	715.1	1642.6	2647.9	2371.8	545.2	339.8	502.7	424.8	233.6
82.5°	226.6	254.9	453.1	906.2	1472.6	1508.0	290.3	240.7	403.6	304.4	191.2
85°	162.8	177.0	325.7	502.7	679.7	1019.5	177.0	120.4	304.4	205.3	134.5
87.5°	85.0	106.2	205.3	247.8	276.1	346.9	85.0	56.6	169.9	120.4	70.8
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: P1458951

CATALOG NUMBER: GLAN-SB8A-830-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	4658.6	4658.6	4658.6	4658.6	4658.6	4658.6	4658.6	4658.6	4658.6	4658.6	4658.6
2.5°	4658.6	4495.8	4163.0	3773.6	3469.2	3157.7	2902.8	2662.1	2548.8	2534.6	2563.0
5°	4637.4	4283.4	3525.8	2782.4	2173.6	1748.8	1515.1	1394.8	1331.0	1302.7	1309.8
7.5°	4594.9	4056.8	2846.2	1883.3	1408.9	1224.8	1168.2	1147.0	1139.9	1139.9	1139.9
10°	4552.4	3752.4	2180.6	1380.6	1154.0	1104.5	1090.3	1090.3	1083.2	1083.2	1090.3
12.5°	4531.2	3469.2	1692.1	1154.0	1076.2	1054.9	1040.8	1033.7	1033.7	1033.7	1040.8
15°	4481.6	3157.7	1366.4	1069.1	1026.6	998.3	991.2	984.1	984.1	984.1	984.1
17.5°	4439.1	2853.2	1189.4	1012.4	977.0	948.7	941.6	934.6	934.6	941.6	941.6
20°	4375.4	2563.0	1069.1	955.8	927.5	899.2	892.1	885.0	892.1	892.1	892.1
22.5°	4297.5	2322.2	998.3	913.3	877.9	849.6	849.6	849.6	849.6	849.6	856.7
25°	4248.0	2152.3	948.7	863.8	828.4	807.1	800.0	800.0	814.2	814.2	821.3
27.5°	4325.9	2109.8	955.8	849.6	785.9	764.6	757.6	757.6	771.7	778.8	785.9
30°	4559.5	2187.7	1040.8	892.1	757.6	722.2	715.1	715.1	736.3	743.4	750.5
32.5°	4828.5	2350.6	1168.2	948.7	736.3	679.7	665.5	665.5	686.8	693.8	700.9
35°	5196.7	2605.4	1338.1	998.3	750.5	637.2	608.9	608.9	623.0	637.2	644.3
37.5°	5671.1	3023.2	1536.4	1033.7	750.5	587.6	552.2	545.2	559.3	559.3	566.4
40°	6166.7	3568.3	1741.7	1033.7	715.1	538.1	502.7	481.4	488.5	481.4	488.5
42.5°	6442.8	4007.3	1918.7	970.0	672.6	488.5	453.1	424.8	417.7	403.6	410.6
45°	6598.5	4205.5	1869.1	899.2	630.1	453.1	410.6	375.2	361.1	339.8	339.8
47.5°	6598.5	4226.7	1600.1	842.5	587.6	424.8	368.2	332.8	311.5	290.3	297.4
50°	6520.7	4035.6	1267.3	785.9	538.1	396.5	332.8	304.4	276.1	262.0	262.0
52.5°	6195.0	3412.6	970.0	715.1	481.4	361.1	297.4	269.0	240.7	233.6	233.6
55°	5635.7	2506.3	785.9	644.3	431.9	332.8	269.0	247.8	219.5	205.3	205.3
57.5°	4580.7	1713.4	651.4	580.6	382.3	297.4	240.7	219.5	184.1	169.9	169.9
60°	3398.4	1118.6	552.2	509.8	325.7	269.0	212.4	184.1	155.8	141.6	134.5
62.5°	2293.9	757.6	460.2	403.6	276.1	233.6	184.1	155.8	120.4	92.0	92.0
65°	1430.2	587.6	382.3	318.6	240.7	205.3	155.8	120.4	85.0	63.7	56.6
67.5°	821.3	474.4	311.5	247.8	205.3	162.8	120.4	99.1	70.8	49.6	42.5
68°	757.6	453.1	290.3	233.6	191.2	155.8	113.3	92.0	63.7	42.5	42.5
70°	616.0	403.6	247.8	191.2	162.8	127.4	99.1	77.9	49.6	28.3	28.3
72.5°	545.2	339.8	212.4	148.7	113.3	106.2	77.9	56.6	35.4	21.2	14.2
75°	446.0	269.0	169.9	113.3	77.9	77.9	56.6	35.4	14.2	0.0	0.0
77.5°	290.3	198.2	134.5	70.8	42.5	49.6	35.4	14.2	0.0	0.0	0.0
80°	191.2	148.7	92.0	35.4	21.2	21.2	7.1	0.0	0.0	0.0	0.0
82.5°	134.5	99.1	56.6	14.2	7.1	7.1	0.0	0.0	0.0	0.0	0.0
85°	85.0	42.5	21.2	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	35.4	14.2	7.1	0.0	0.0	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

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



LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-9

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-830-U-5WQ

Data in this report applies to families of products including GSS-SB1A-830-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-9
 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-830-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 3000K CCT 26 LEDS

Spectral Parameters

CCT (K): 3055
 CIE u': 0.2475
 CIE v': 0.5247
 Duv: 0.0032
 CIE x: 0.4377
 CIE y: 0.4124
 CIE z: 0.1499
 Peak Wavelength (nm): 604
 Dominant Wavelength (nm): 581
 Purity: 55.16339
 R_f: 81.5
 R_g: 99.2

CRI (Ra):	80.9		
R1:	79.5	R9:	6.8
R2:	85.6	R10:	67.1
R3:	92.1	R11:	82.5
R4:	82.4	R12:	63.4
R5:	78.9	R13:	80.2
R6:	81.7	R14:	95.1
R7:	85.1	R15:	71.7
R8:	61.9		



Test Conditions

Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 25.2

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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 3000K 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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.28

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.33

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	170	NR	620	938	NR	750	35	NR	880	1	NR
365	0	NR	495	234	NR	625	894	NR	755	30	NR	885	1	NR
370	0	NR	500	302	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	371	NR	635	788	NR	765	22	NR	895	1	NR
380	0	NR	510	431	NR	640	728	NR	770	19	NR	900	1	NR
385	0	NR	515	482	NR	645	665	NR	775	16	NR	905	1	NR
390	0	NR	520	523	NR	650	603	NR	780	14	NR	910	0	NR
395	2	NR	525	553	NR	655	542	NR	785	12	NR	915	0	NR
400	4	NR	530	580	NR	660	484	NR	790	11	NR	920	0	NR
405	8	NR	535	603	NR	665	430	NR	795	9	NR	925	0	NR
410	18	NR	540	622	NR	670	377	NR	800	8	NR	930	0	NR
415	36	NR	545	644	NR	675	330	NR	805	7	NR	935	0	NR
420	71	NR	550	668	NR	680	289	NR	810	6	NR	940	0	NR
425	131	NR	555	693	NR	685	250	NR	815	5	NR	945	0	NR
430	215	NR	560	720	NR	690	218	NR	820	4	NR	950	0	NR
435	341	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	514	NR	570	792	NR	700	161	NR	830	3	NR	960	0	NR
445	576	NR	575	832	NR	705	139	NR	835	3	NR	965	0	NR
450	358	NR	580	875	NR	710	119	NR	840	3	NR	970	0	NR
455	222	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	170	NR	590	950	NR	720	88	NR	850	2	NR	980	0	NR
465	115	NR	595	977	NR	725	76	NR	855	2	NR	985	0	NR
470	88	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	87	NR	605	997	NR	735	56	NR	865	1	NR	995	0	NR
480	96	NR	610	990	NR	740	47	NR	870	1	NR	1000	0	NR
485	122	NR	615	971	NR	745	41	NR	875	1	NR			

Summary

$R_f = 81.5$
 $R_g = 99.2$
 $CIE R_a = 80.9$
 $R_9 = 6.8$

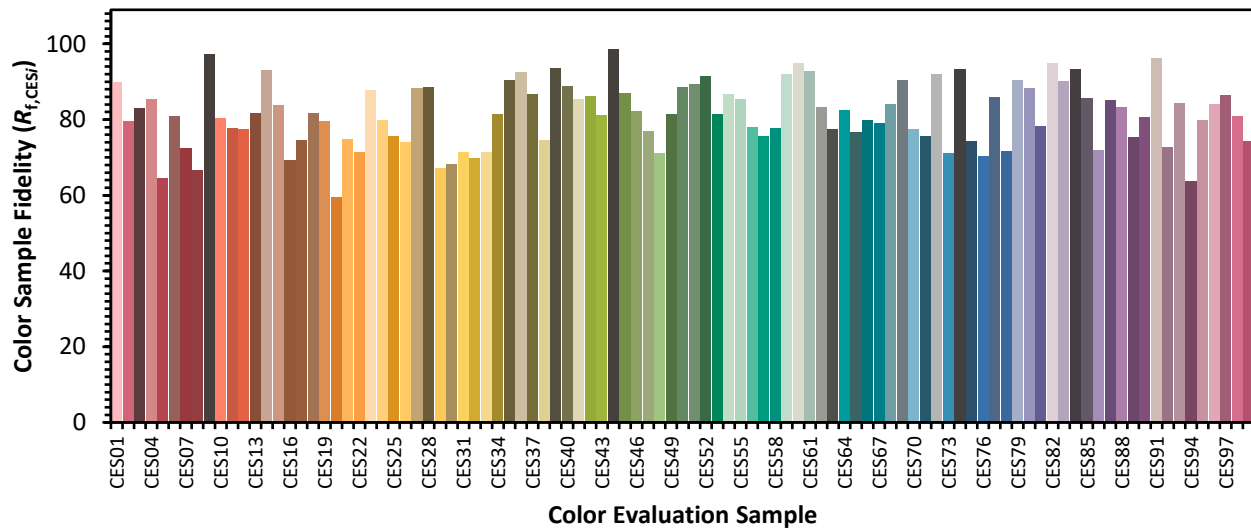


Color Vector Graphics



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

CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82 = 95
CES08 = 41	CES33 = 71	CES58 = 78	CES83 = 90
CES09 = 29	CES34 = 82	CES59 = 92	CES84 = 93
CES10 = 76	CES35 = 90	CES60 = 95	CES85 = 86
CES11 = 59	CES36 = 93	CES61 = 93	CES86 = 72
CES12 = 65	CES37 = 87	CES62 = 83	CES87 = 85
CES13 = 43	CES38 = 75	CES63 = 77	CES88 = 83
CES14 = 74	CES39 = 94	CES64 = 83	CES89 = 75
CES15 = 71	CES40 = 89	CES65 = 77	CES90 = 81
CES16 = 47	CES41 = 85	CES66 = 80	CES91 = 96
CES17 = 50	CES42 = 86	CES67 = 79	CES92 = 73
CES18 = 56	CES43 = 81	CES68 = 84	CES93 = 84
CES19 = 72	CES44 = 99	CES69 = 90	CES94 = 64
CES20 = 66	CES45 = 87	CES70 = 77	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 76	CES96 = 84
CES22 = 79	CES47 = 77	CES72 = 92	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 71	CES98 = 81
CES24 = 91	CES49 = 81	CES74 = 93	CES99 = 74
CES25 = 72	CES50 = 89	CES75 = 74	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)