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

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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: P1458934

Luminaire Tested: GLAN-SB3D-830-U-T4LG-HSS

Issue Date: 05/20/2026

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

Scaled Data Report

Test Information

Test Method:	LM-79-2024
Report Number:	P1458934
Test Lab:	INNOVATION CENTER(G1)
Issue Date:	5/22/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	STREETWORKS
Catalog Number:	GLAN-SB3D-830-U-T4LG-HSS
Description:	GALLEON II AREA AND ROADWAY HIGH DENSITY LUMINAIRE 900mA 3xLight Square PACKAGE 80CRI 3000K FIXTURE w/ TYPE IV LOW GLARE WITH HOUSE SIDE SHIELD
Light Source:	(78) 3000K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	19885.9 lumens
Efficiency:	N/A
Efficacy:	91.2 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B1 - U0 - G3

Input Watts (W):	218.1
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

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REPORT NUMBER: P1458934
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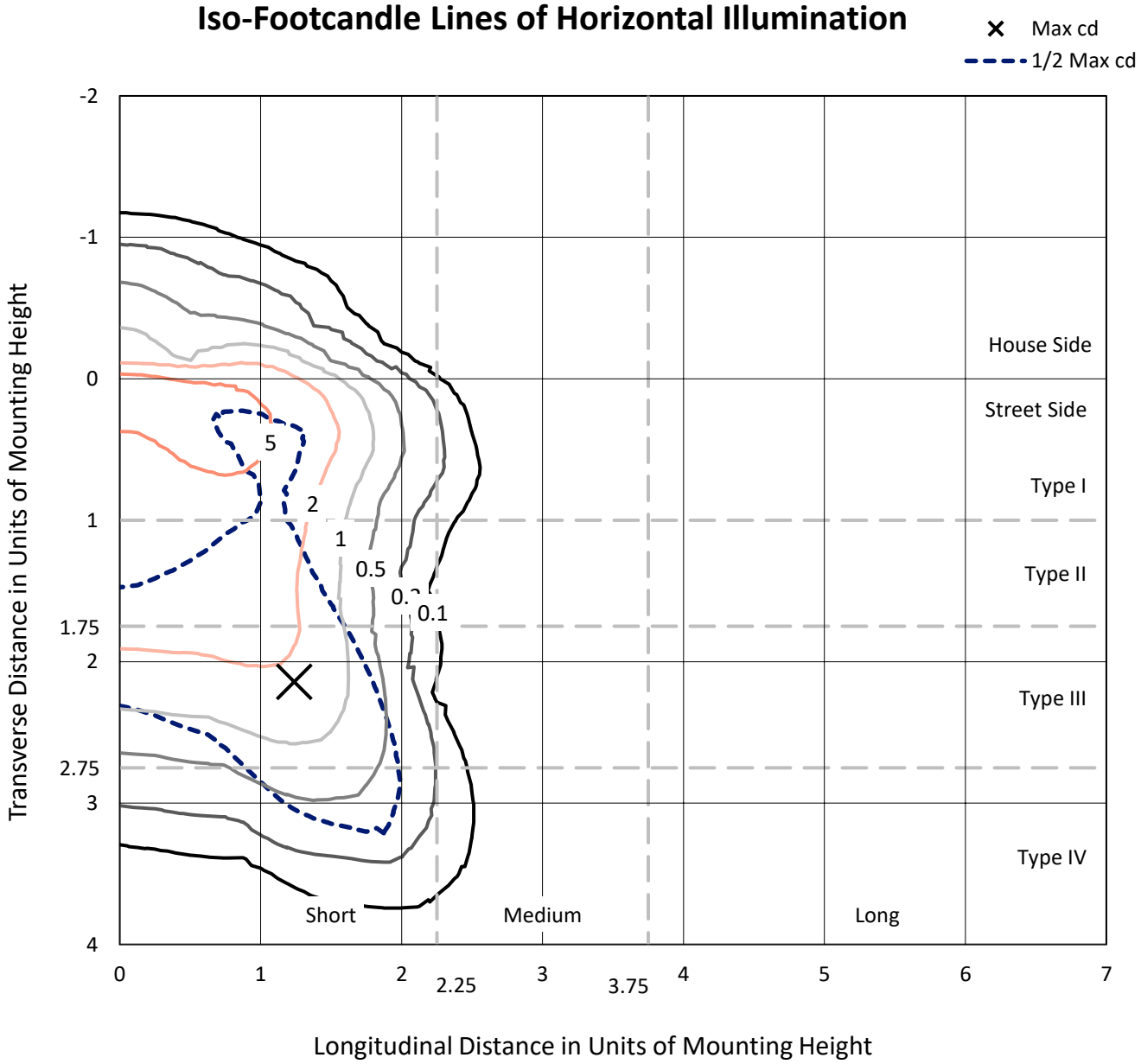
Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 9.6 fc
Type IV - Short - N/A

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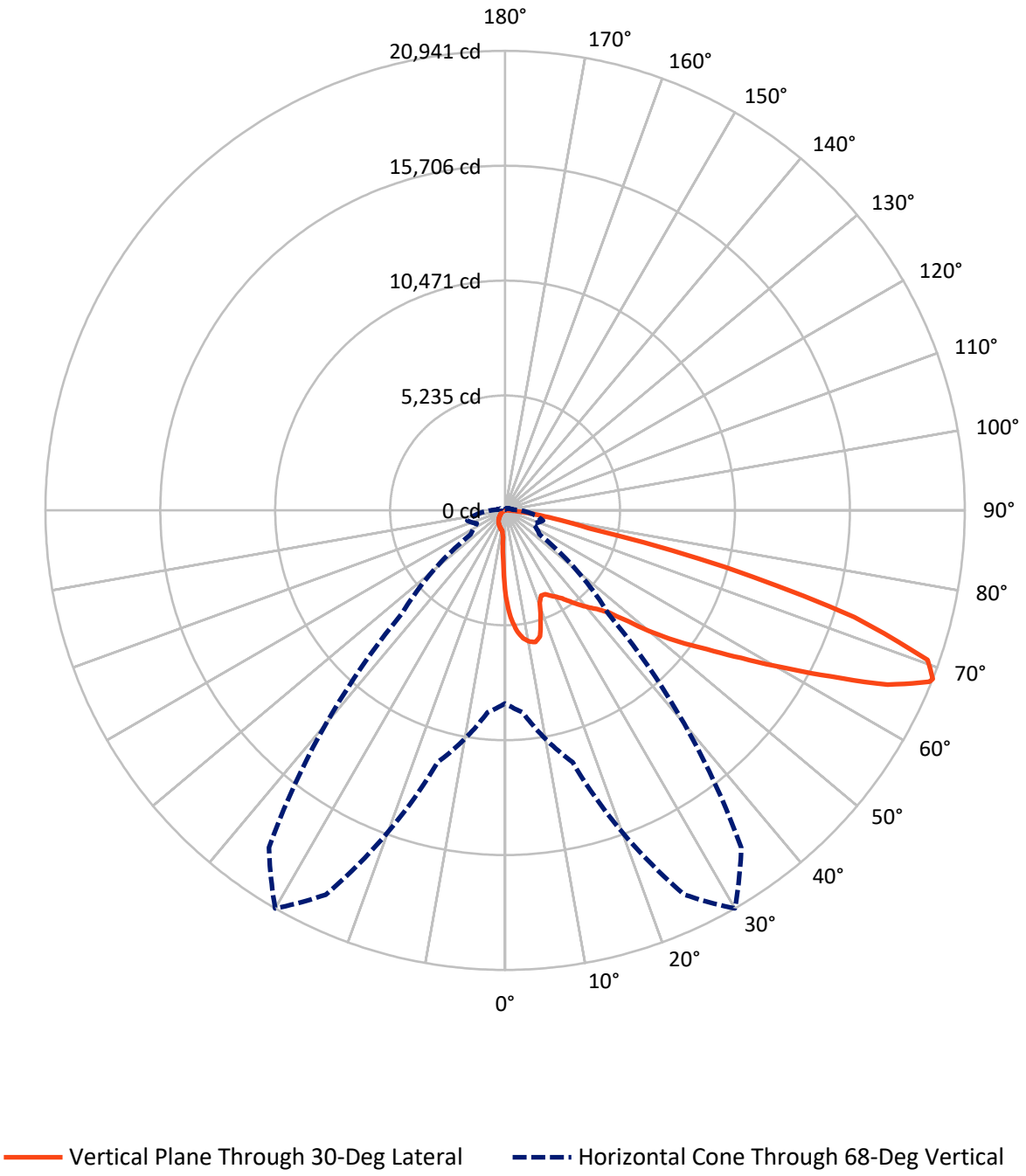
Luminous Intensity Polar Plot



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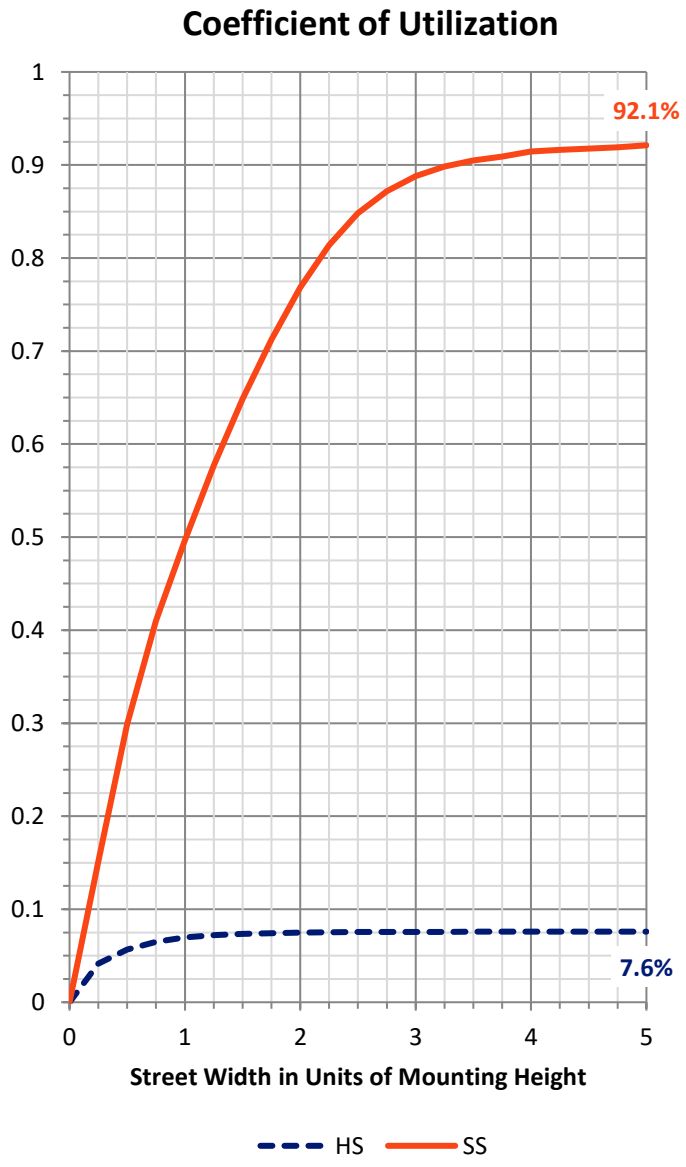
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1517.8	0.0	1517.8
	% Fixture	7.6	0.0	7.6
Street Side	Lumens	18368.0	0.0	18368.0
	% Fixture	92.4	0.0	92.4
Total	Lumens	19885.9	0.0	19885.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	338.4	1.7
10°-20°	966.0	4.9
20°-30°	1518.0	7.6
30°-40°	2380.9	12.0
40°-50°	3558.7	17.9
50°-60°	4734.3	23.8
60°-70°	4576.6	23.0
70°-80°	1645.1	8.3
80°-90°	167.9	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°	19885.9	100.0
0°-180°	19885.9	100.0



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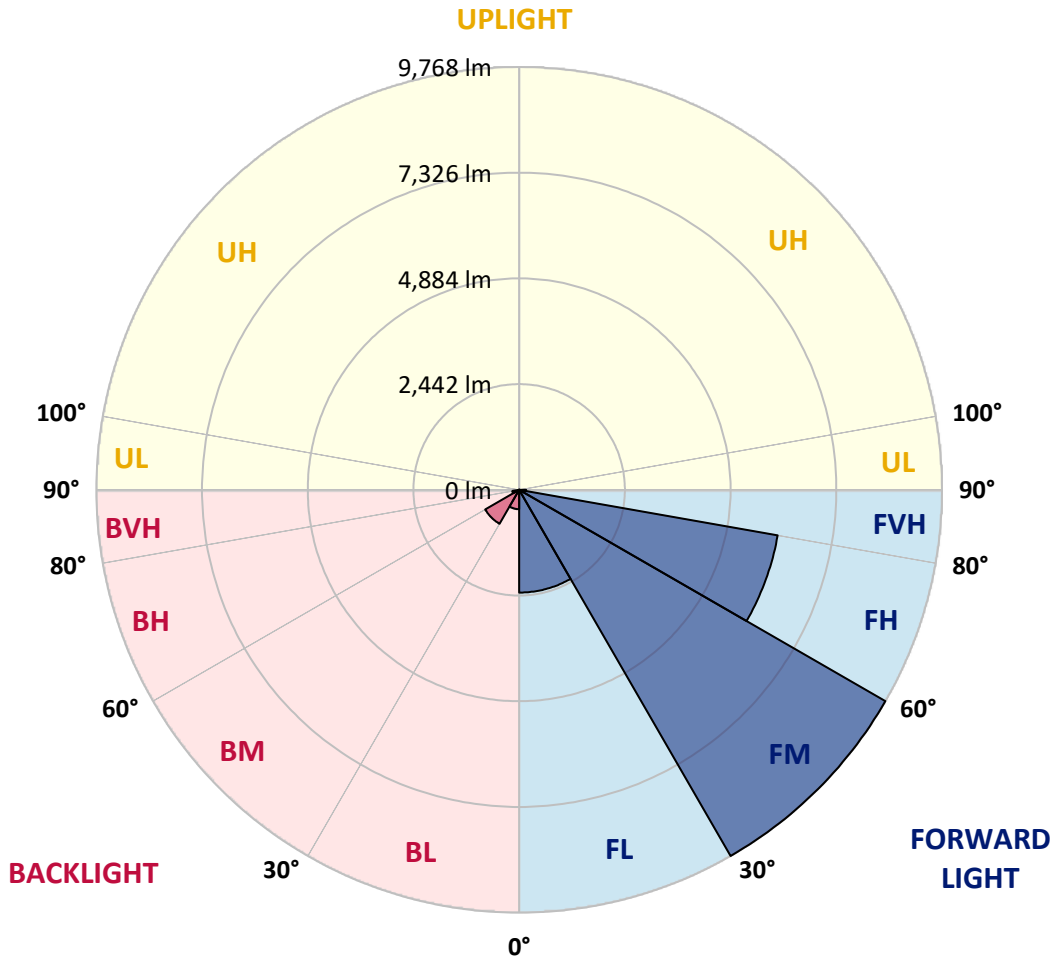
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	2374.4	11.9			
FM	(30°-60°)	9767.9	49.1			
FH	(60°-80°)	6063.8	30.5			G3/7500
FVH	(80°-90°)	161.9	0.8			G2/225
BL	(0°-30°)	448.0	2.3	B1/500		
BM	(30°-60°)	906.0	4.6	B1/1000		
BH	(60°-80°)	157.9	0.8	B1/500		G1/500
BVH	(80°-90°)	6.0	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G3
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	30°	35°	45°	55°	65°	75°	85°
0°	3921.3	3921.3	3921.3	3921.3	*3921.3*	3921.3	3921.3	3921.3	3921.3	3921.3	3921.3
2.5°	5011.8	5011.8	4976.1	4928.4	*4874.8*	4856.9	4755.6	4612.5	4463.6	4290.7	4040.4
5°	5655.4	5649.5	5578.0	5578.0	*5506.4*	5440.9	5339.6	5131.0	4892.6	4582.7	4147.7
7.5°	5941.5	5953.4	5923.6	5923.6	*5881.9*	5834.2	5774.6	5572.0	5291.9	4874.8	4255.0
10°	6042.8	6048.7	6048.7	6090.5	*6078.5*	6072.6	6066.6	5953.4	5661.4	5172.7	4368.2
12.5°	5798.5	5828.2	5911.7	6096.4	*6156.0*	6221.6	6311.0	6275.2	6072.6	5548.2	4541.0
15°	5011.8	5017.8	5250.2	5709.1	*5953.4*	6203.7	6549.3	6620.8	6489.7	5953.4	4719.8
17.5°	4135.8	4153.7	4338.4	4850.9	*5244.2*	5822.3	6686.4	6978.4	6930.7	6352.7	4886.7
20°	3772.3	3796.1	3885.5	4207.3	*4505.3*	5041.6	6549.3	7318.1	7336.0	6751.9	5041.6
22.5°	3688.8	3706.7	3778.2	4028.5	*4213.3*	4570.8	6084.5	7586.3	7794.8	7210.8	5226.4
25°	3665.0	3682.9	3790.1	4064.3	*4237.1*	4535.1	5661.4	7729.3	8337.1	7687.6	5405.1
27.5°	3647.1	3671.0	3843.8	4195.4	*4398.0*	4684.1	5583.9	7759.1	8855.6	8194.1	5697.1
30°	3671.0	3706.7	3933.2	4332.4	*4564.9*	4886.7	5768.7	7788.9	9427.7	8772.2	6066.6
32.5°	3766.3	3796.1	4070.2	4517.2	*4785.4*	5148.9	6084.5	7967.7	9970.0	9362.1	6418.2
35°	3873.6	3915.3	4243.1	4779.4	*5101.2*	5512.4	6513.6	8319.3	10488.5	9922.3	6781.7
37.5°	4004.7	4052.4	4445.7	5077.4	*5446.8*	5911.7	6978.4	8807.9	10947.3	10381.2	7145.3
40°	4183.5	4237.1	4678.1	5393.2	*5792.5*	6257.3	7437.3	9290.6	11298.9	10655.3	7383.6
42.5°	4886.7	4958.2	5142.9	5703.1	*6150.1*	6626.8	7890.2	9749.5	11430.0	10744.7	7431.3
45°	6197.7	6269.2	6221.6	6328.8	*6626.8*	7073.8	8384.8	10190.5	11447.9	10720.9	7407.5
47.5°	7514.7	7598.2	7556.5	7496.9	*7562.4*	7777.0	8939.0	10470.6	11352.6	10709.0	7407.5
50°	8772.2	8724.5	8730.5	8712.6	*8772.2*	8885.4	9475.4	10524.2	11328.7	10822.2	7473.0
52.5°	9445.6	9469.4	9618.4	9838.9	*9970.0*	10083.2	10089.2	10607.6	11155.9	10631.5	7395.6
55°	10107.1	10154.7	10500.4	10875.8	*11167.8*	11382.4	10703.0	10554.0	10124.9	9993.8	6990.3
57.5°	10852.0	10917.5	11406.2	12180.9	*12693.4*	12806.6	11310.9	9552.8	8569.5	9082.1	6203.7
60°	11877.0	11954.5	12604.0	13766.1	*14528.9*	14296.5	11358.5	7961.7	6805.6	7538.6	5119.1
62.5°	12681.5	12836.4	14010.4	15822.1	*16662.3*	15923.4	10470.6	6102.4	4755.6	5297.9	3736.5
65°	11823.4	12121.3	14034.3	18176.0	*19147.4*	17836.3	9076.1	4165.6	2681.7	3426.6	2389.7
67.5°	9558.8	9976.0	12461.0	19320.2	*20851.8*	18843.5	7145.3	2210.9	1537.5	1990.4	1257.4
68°	*8796.0*	*9248.9*	*11882.9*	*19320.2*	*20941.2*	*18754.1*	*6632.8*	*1913.0*	*1418.3*	*1787.8*	*1090.6*
70°	6078.5	6400.3	9135.7	18235.6	*20416.7*	17097.4	4368.2	1096.5	1066.7	1227.6	721.1
72.5°	2979.7	3325.3	4886.7	14451.4	*16632.6*	13140.4	1990.4	727.0	810.5	899.9	566.1
75°	1185.9	1257.4	1924.9	7127.4	*10393.1*	8384.8	1042.9	548.3	697.2	703.2	447.0
77.5°	679.4	721.1	1066.7	2622.1	*3897.4*	3748.4	673.4	393.3	554.2	506.5	292.0
80°	381.4	387.4	601.9	1382.6	*2228.8*	1996.4	458.9	286.0	423.1	357.6	196.7
82.5°	190.7	214.5	381.4	762.8	*1239.5*	1269.3	244.3	202.6	339.7	256.3	160.9
85°	137.1	149.0	274.1	423.1	*572.1*	858.1	149.0	101.3	256.3	172.8	113.2
87.5°	71.5	89.4	172.8	208.6	*232.4*	292.0	71.5	47.7	143.0	101.3	59.6
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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Scaled Data Report

REPORT NUMBER: P1458934
CATALOG NUMBER: GLAN-SB3D-830-U-T4LG-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3921.3	3921.3	3921.3	3921.3	3921.3	3921.3	3921.3	3921.3	3921.3	3921.3	3921.3
2.5°	3921.3	3784.2	3504.1	3176.3	2920.1	2657.9	2443.3	2240.7	2145.4	2133.4	2157.3
5°	3903.4	3605.4	2967.8	2342.0	1829.5	1472.0	1275.3	1174.0	1120.4	1096.5	1102.5
7.5°	3867.6	3414.7	2395.7	1585.2	1185.9	1031.0	983.3	965.4	959.5	959.5	959.5
10°	3831.9	3158.5	1835.5	1162.1	971.4	929.7	917.7	917.7	911.8	911.8	917.7
12.5°	3814.0	2920.1	1424.3	971.4	905.8	887.9	876.0	870.1	870.1	870.1	876.0
15°	3772.3	2657.9	1150.2	899.9	864.1	840.3	834.3	828.4	828.4	828.4	828.4
17.5°	3736.5	2401.6	1001.2	852.2	822.4	798.6	792.6	786.6	786.6	792.6	792.6
20°	3682.9	2157.3	899.9	804.5	780.7	756.8	750.9	744.9	750.9	750.9	750.9
22.5°	3617.3	1954.7	840.3	768.8	739.0	715.1	715.1	715.1	715.1	715.1	721.1
25°	3575.6	1811.6	798.6	727.0	697.2	679.4	673.4	673.4	685.3	685.3	691.3
27.5°	3641.2	1775.9	804.5	715.1	661.5	643.6	637.7	637.7	649.6	655.5	661.5
30°	3837.8	1841.4	876.0	750.9	637.7	607.9	601.9	601.9	619.8	625.7	631.7
32.5°	4064.3	1978.5	983.3	798.6	619.8	572.1	560.2	560.2	578.1	584.0	590.0
35°	4374.2	2193.0	1126.3	840.3	631.7	536.3	512.5	512.5	524.4	536.3	542.3
37.5°	4773.4	2544.6	1293.2	870.1	631.7	494.6	464.8	458.9	470.8	470.8	476.7
40°	5190.6	3003.5	1466.0	870.1	601.9	452.9	423.1	405.2	411.2	405.2	411.2
42.5°	5423.0	3373.0	1615.0	816.4	566.1	411.2	381.4	357.6	351.6	339.7	345.6
45°	5554.1	3539.9	1573.3	756.8	530.4	381.4	345.6	315.8	303.9	286.0	286.0
47.5°	5554.1	3557.7	1346.8	709.2	494.6	357.6	309.9	280.1	262.2	244.3	250.3
50°	5488.6	3396.8	1066.7	661.5	452.9	333.7	280.1	256.3	232.4	220.5	220.5
52.5°	5214.4	2872.4	816.4	601.9	405.2	303.9	250.3	226.5	202.6	196.7	196.7
55°	4743.6	2109.6	661.5	542.3	363.5	280.1	226.5	208.6	184.7	172.8	172.8
57.5°	3855.7	1442.2	548.3	488.7	321.8	250.3	202.6	184.7	154.9	143.0	143.0
60°	2860.5	941.6	464.8	429.1	274.1	226.5	178.8	154.9	131.1	119.2	113.2
62.5°	1930.8	637.7	387.4	339.7	232.4	196.7	154.9	131.1	101.3	77.5	77.5
65°	1203.8	494.6	321.8	268.2	202.6	172.8	131.1	101.3	71.5	53.6	47.7
67.5°	691.3	399.3	262.2	208.6	172.8	137.1	101.3	83.4	59.6	41.7	35.8
68°	*637.7*	*381.4*	*244.3*	*196.7*	*160.9*	*131.1*	*95.3*	*77.5*	*53.6*	*35.8*	*35.8*
70°	518.5	339.7	208.6	160.9	137.1	107.3	83.4	65.6	41.7	23.8	23.8
72.5°	458.9	286.0	178.8	125.1	95.3	89.4	65.6	47.7	29.8	17.9	11.9
75°	375.4	226.5	143.0	95.3	65.6	65.6	47.7	29.8	11.9	0.0	0.0
77.5°	244.3	166.9	113.2	59.6	35.8	41.7	29.8	11.9	0.0	0.0	0.0
80°	160.9	125.1	77.5	29.8	17.9	17.9	6.0	0.0	0.0	0.0	0.0
82.5°	113.2	83.4	47.7	11.9	6.0	6.0	0.0	0.0	0.0	0.0	0.0
85°	71.5	35.8	17.9	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	29.8	11.9	6.0	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

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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

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

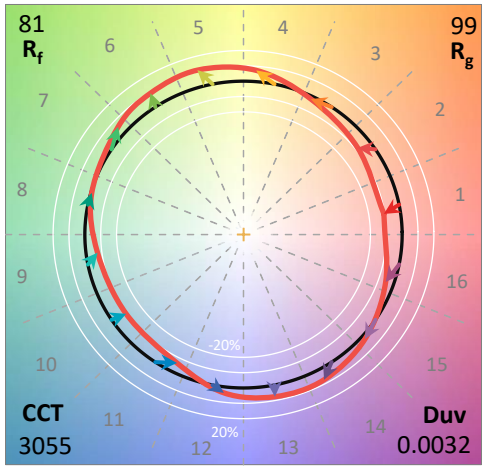
Test Information

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
Rf:	81.5
Rg:	99.2

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



Test Conditions

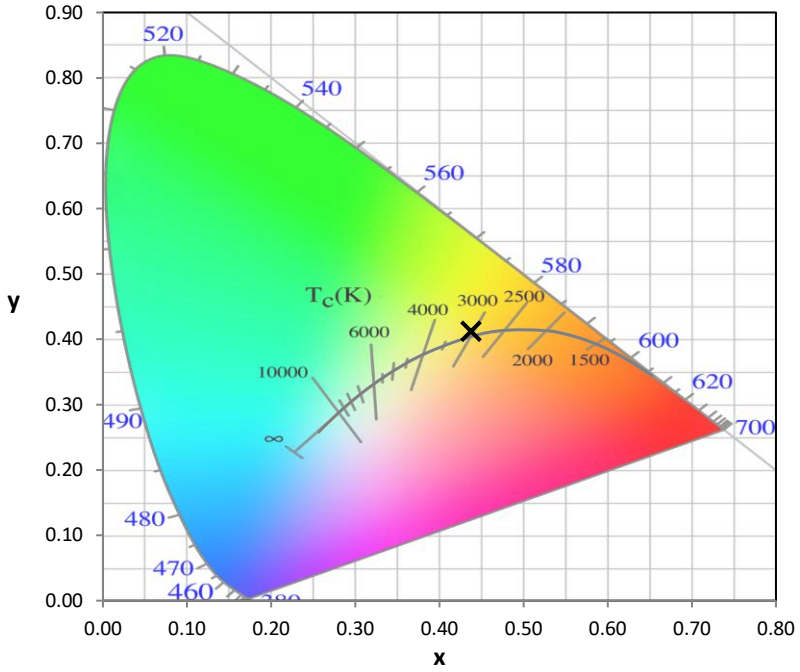
Stabilization Time:	20M
Operation Time:	1H 20M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-9

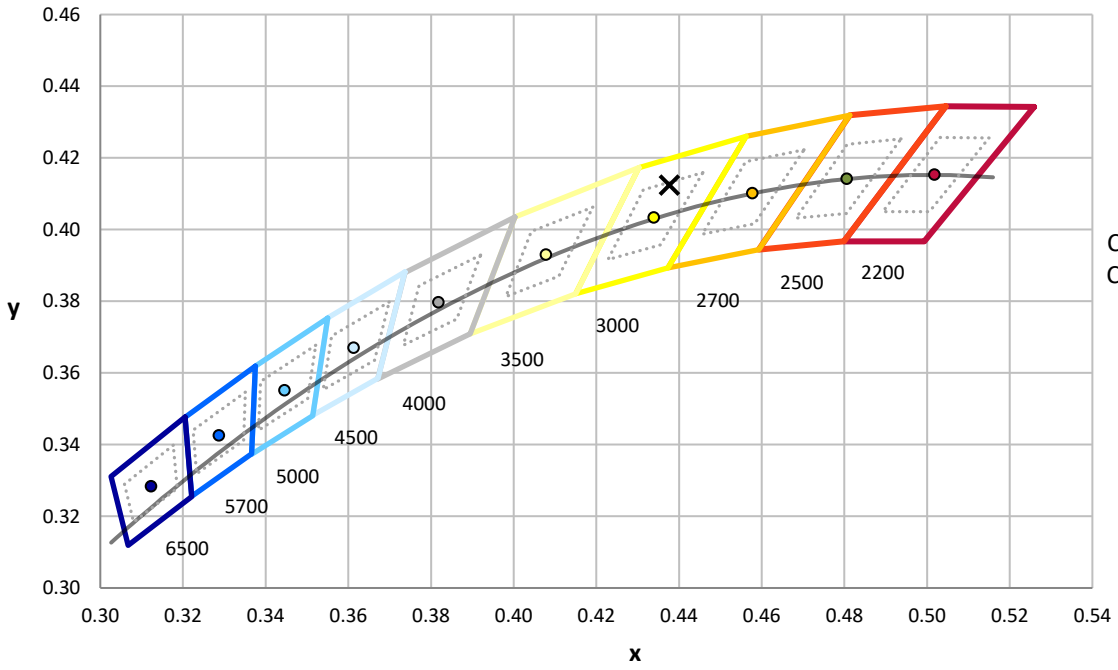
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	10/24/2023	10/24/2024
Room Thermometer	IN0046	10/24/2023	10/24/2024

REPORT NUMBER: SP1-2407-184-9

CIE 1931 Chromaticity Diagram



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

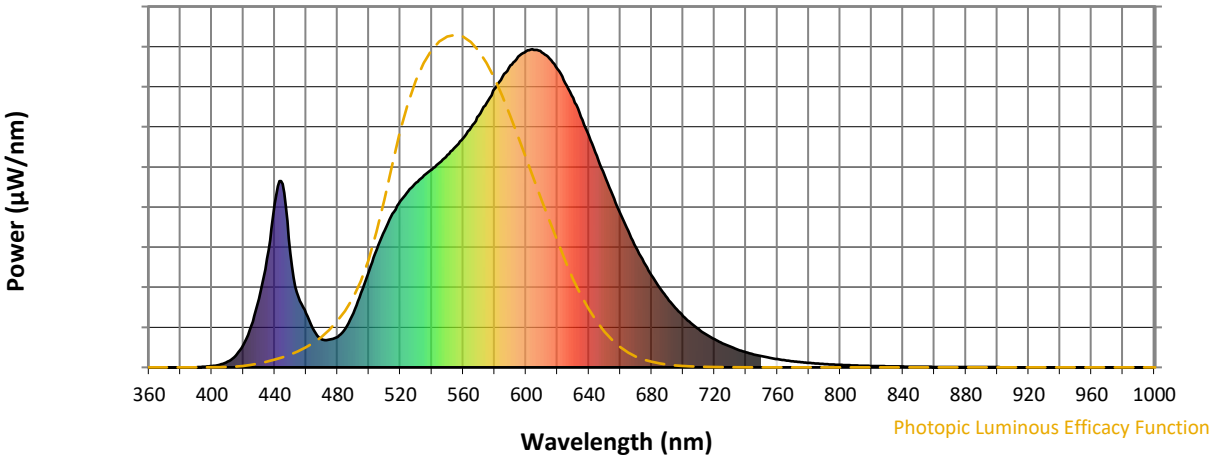


CCT = 3055K
CIE x = 0.4377
CIE y = 0.4124
Duv = 0.0032

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-9

Photopic Flux vs. Wavelength

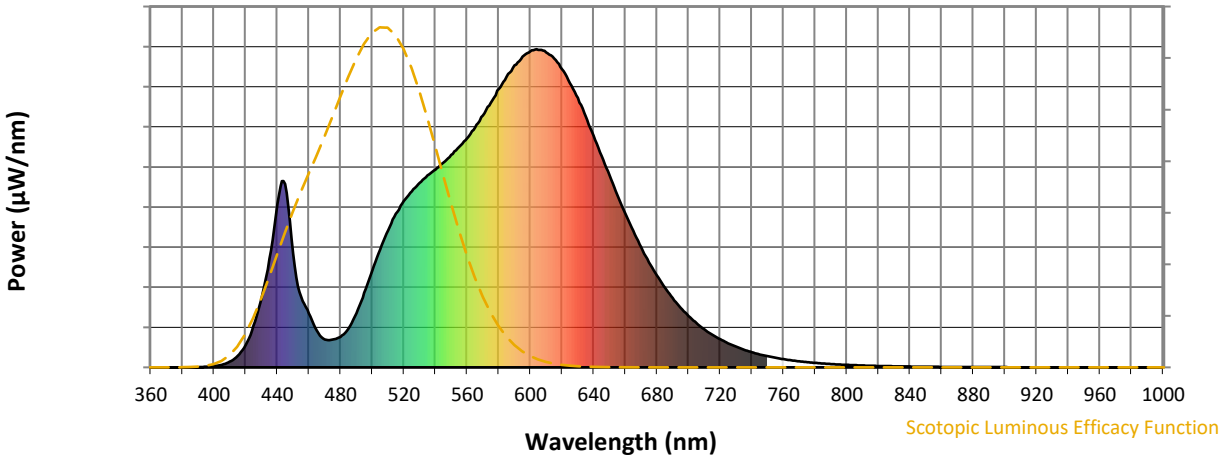


Photopic Lumens: NR

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			

REPORT NUMBER: SP1-2407-184-9

Scotopic Flux vs. Wavelength

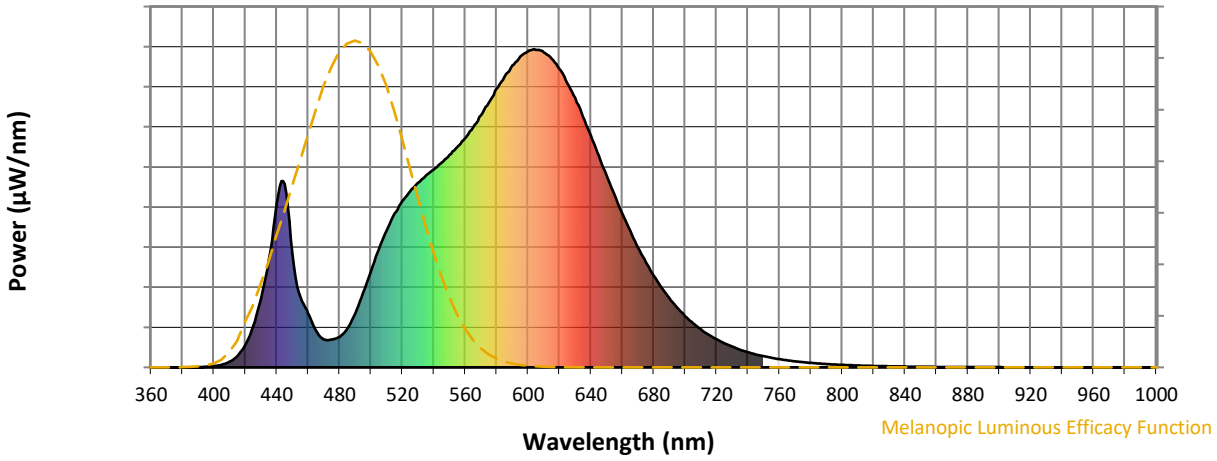


Scotopic Lumens: NR **S/P: 1.28**

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			

REPORT NUMBER: SP1-2407-184-9

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			

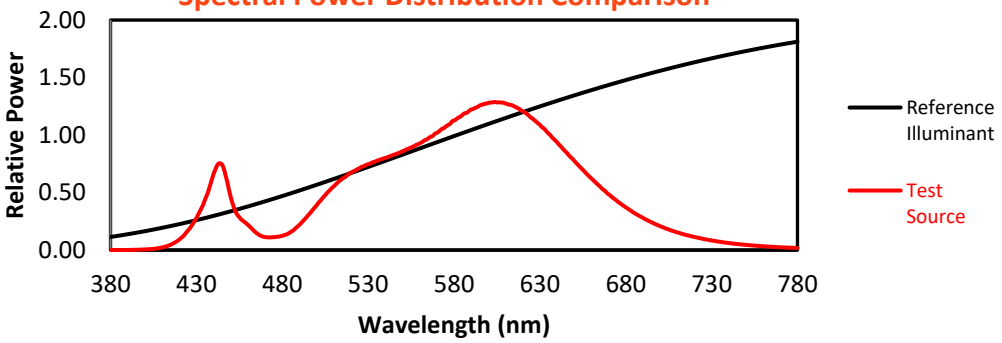
REPORT NUMBER: SP1-2407-184-9

TM-30-18

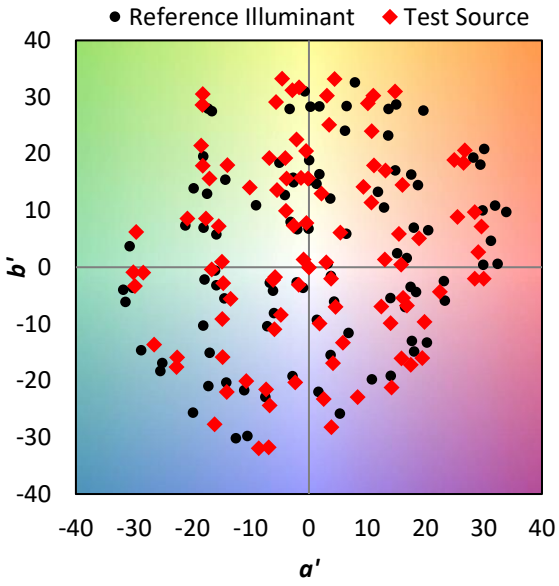
Summary

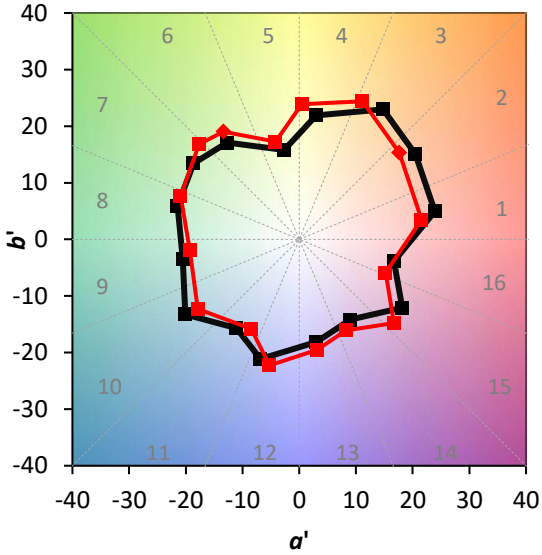
R_f = 81.5
R_g = 99.2
CIE R_a = 80.9
R_9 = 6.8

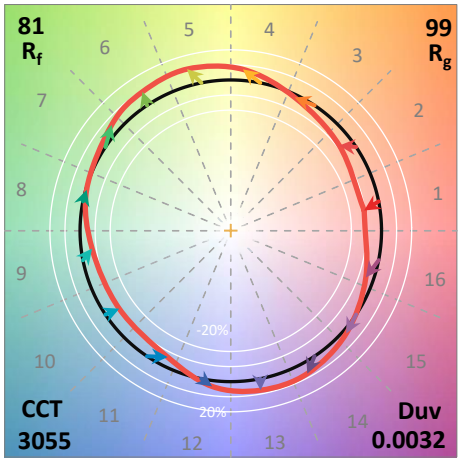
Spectral Power Distribution Comparison

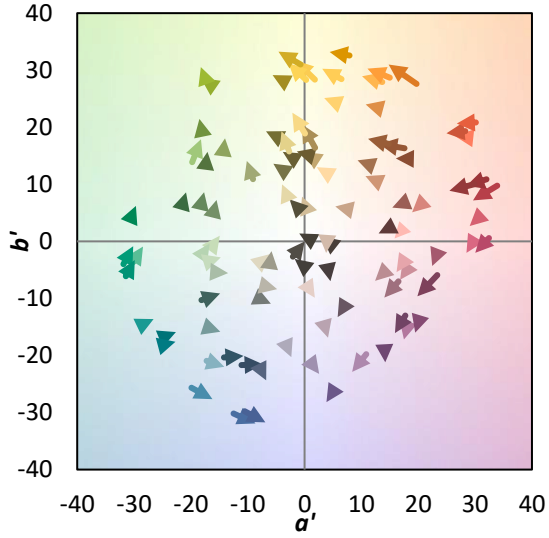


Color Vector Graphics







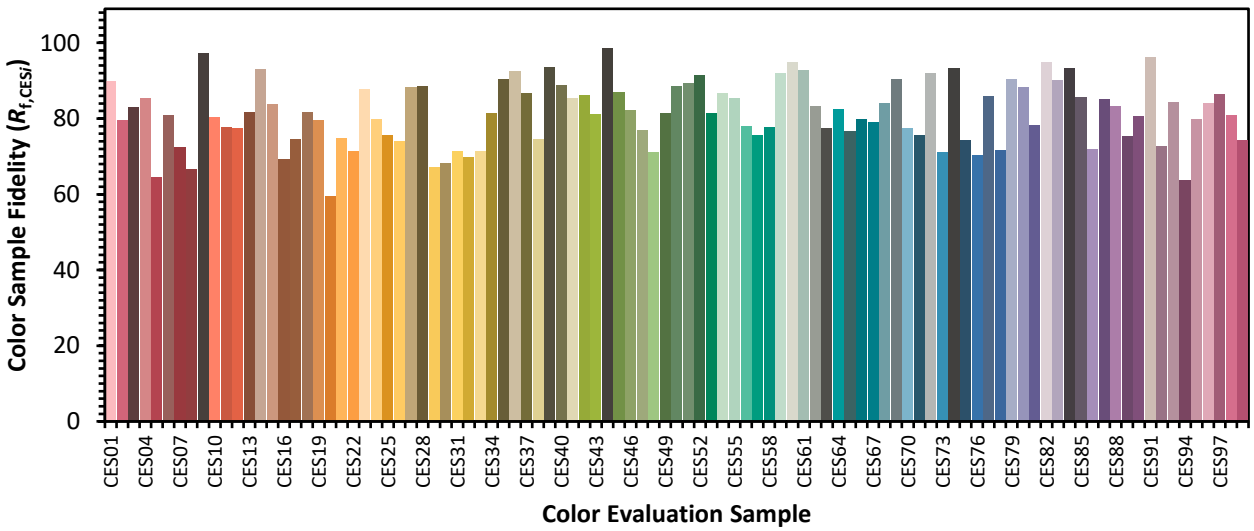


REPORT NUMBER: SP1-2407-184-9

TM-30-18

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

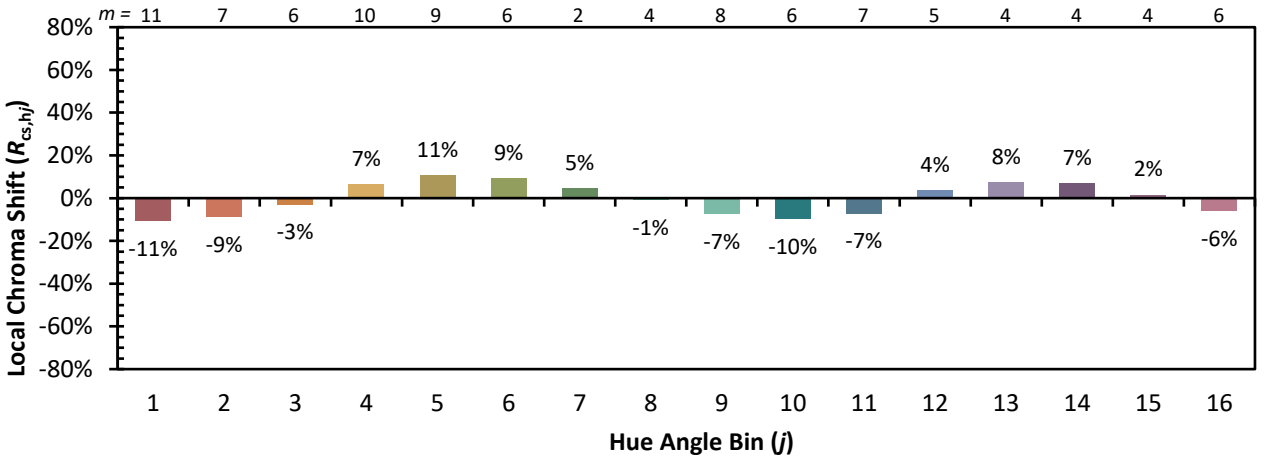
CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 91	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82 = 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	

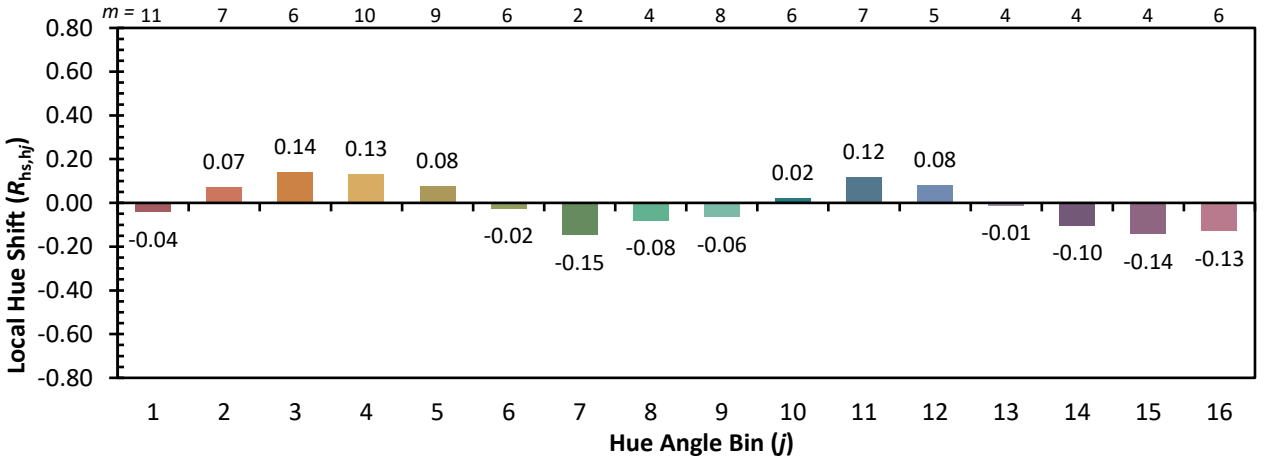


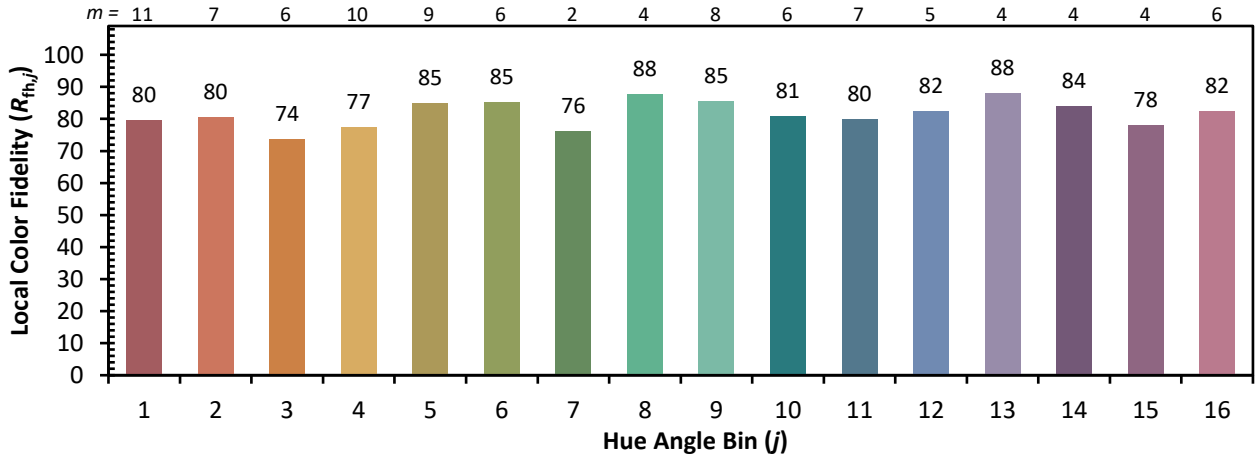
REPORT NUMBER: SP1-2407-184-9

TM-30-18

Color Rendition by Hue-Angle Bin



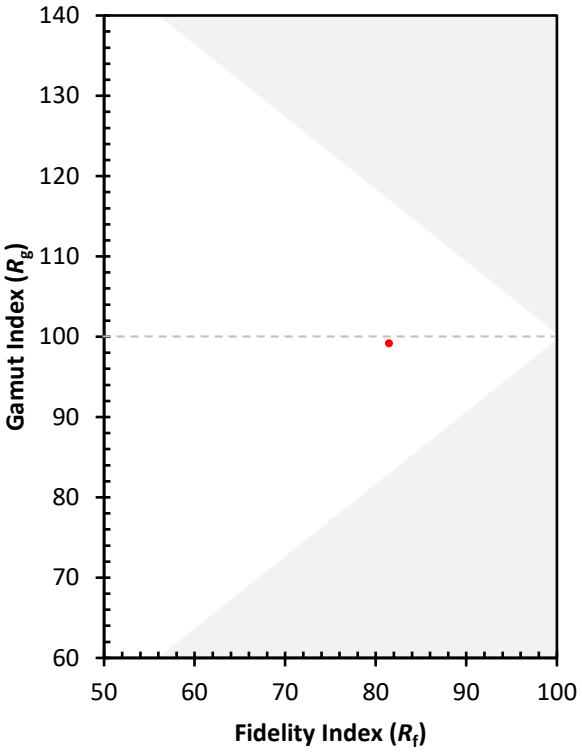


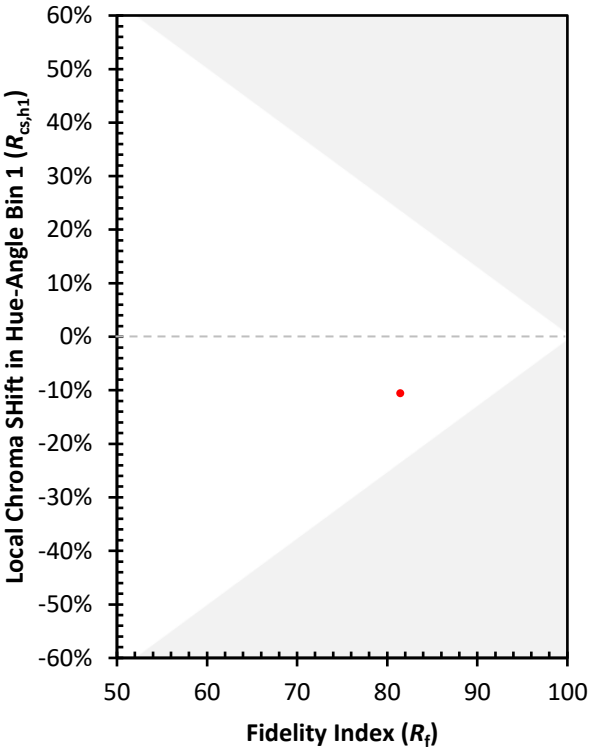


REPORT NUMBER: SP1-2407-184-9

TM-30-18

Measure Comparisons





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