

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: P1047905

Luminaire Tested: **GALN-SA8A-827-U-T2BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047905
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA8A-827-U-T2BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 8xLight Square PACKAGE
80CRI 2700K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source: (112) 2700K CCT, 80 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 24524.5 lumens
Efficiency: N/A
Efficacy: 112.7 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type II - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 217.6
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



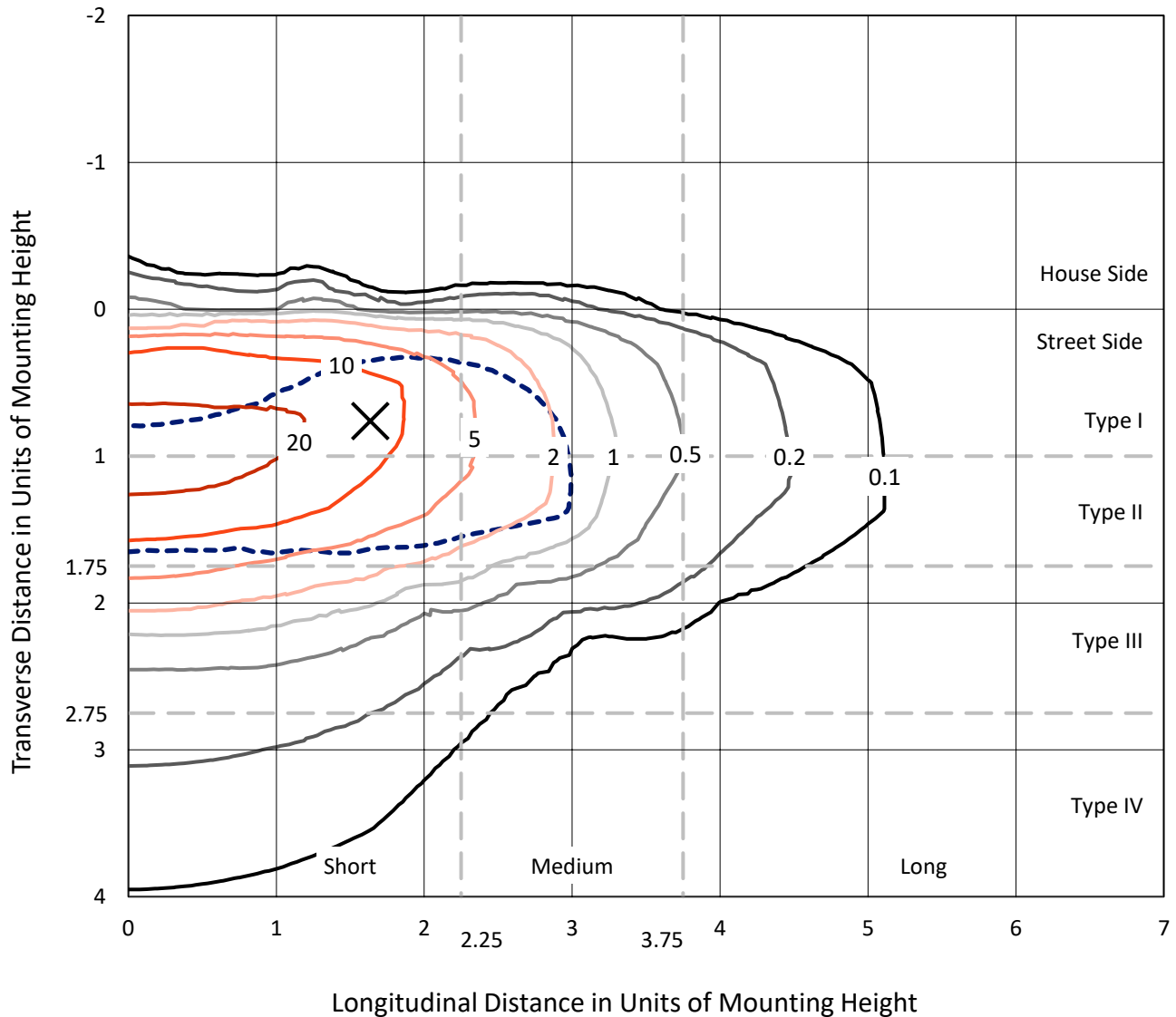
REPORT NUMBER: P1047905

CATALOG NUMBER: GALN-SA8A-827-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

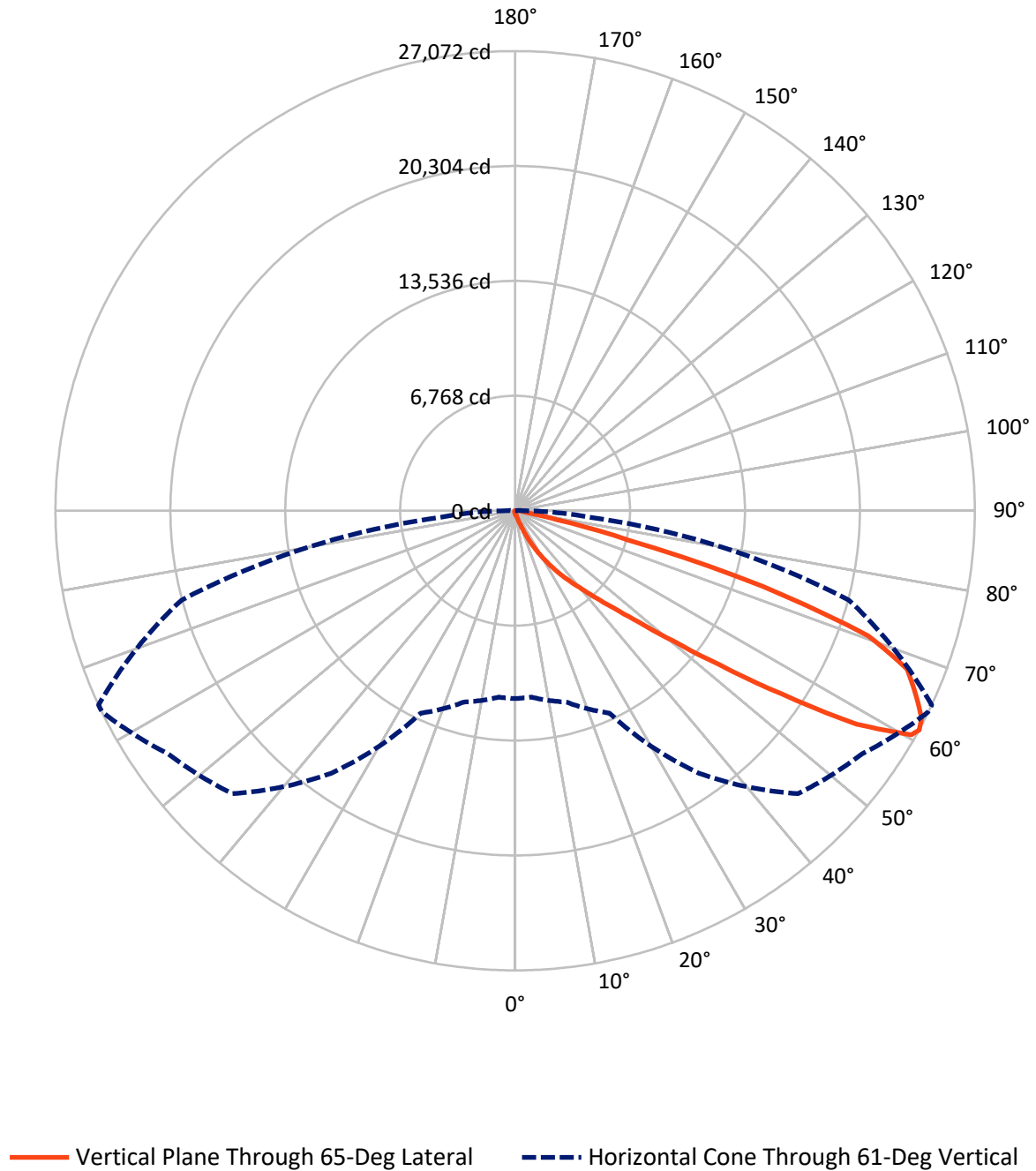


Based on 15 foot mounting height. Maximum calculated value = 32.4 fc
 Type II - Short - N/A

REPORT NUMBER: P1047905

CATALOG NUMBER: GALN-SA8A-827-U-T2BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1047905

CATALOG NUMBER: GALN-SA8A-827-U-T2BC

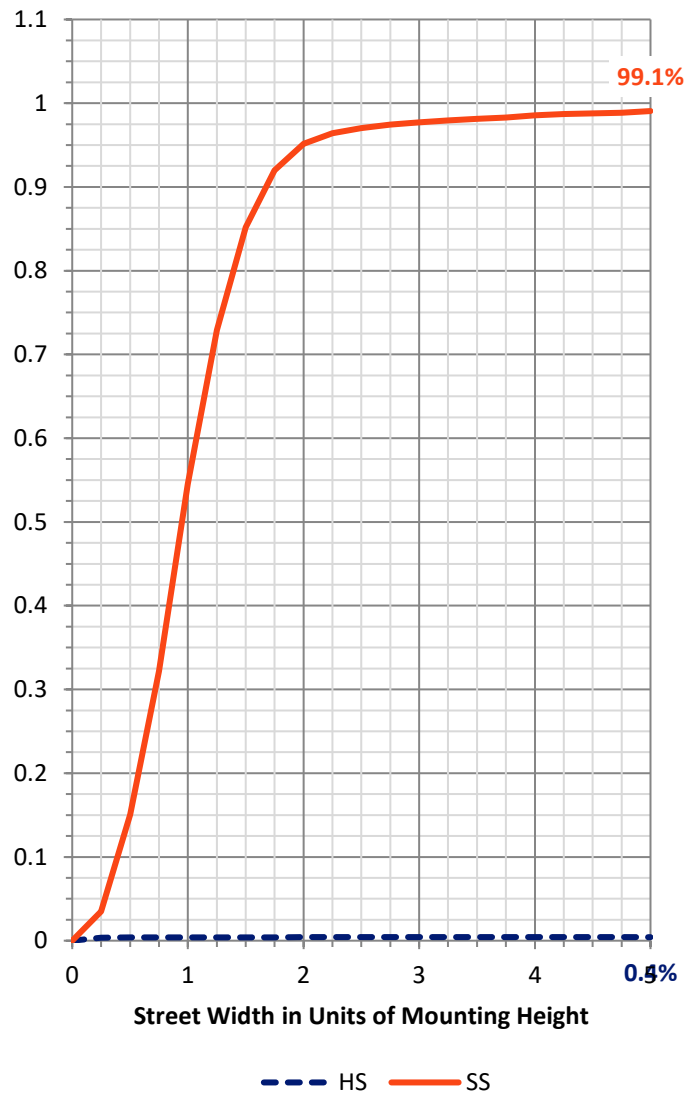
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	104.7	0.0	104.7
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	24419.8	0.0	24419.8
	% Fixture	99.6	0.0	99.6
Total	Lumens	24524.5	0.0	24524.5
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	19.1	0.1
10°-20°	201.7	0.8
20°-30°	723.7	3.0
30°-40°	1926.9	7.9
40°-50°	5062.0	20.6
50°-60°	7842.0	32.0
60°-70°	6575.4	26.8
70°-80°	1935.0	7.9
80°-90°	238.7	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°	24524.5	100.0
0°-180°	24524.5	100.0



REPORT NUMBER: P1047905

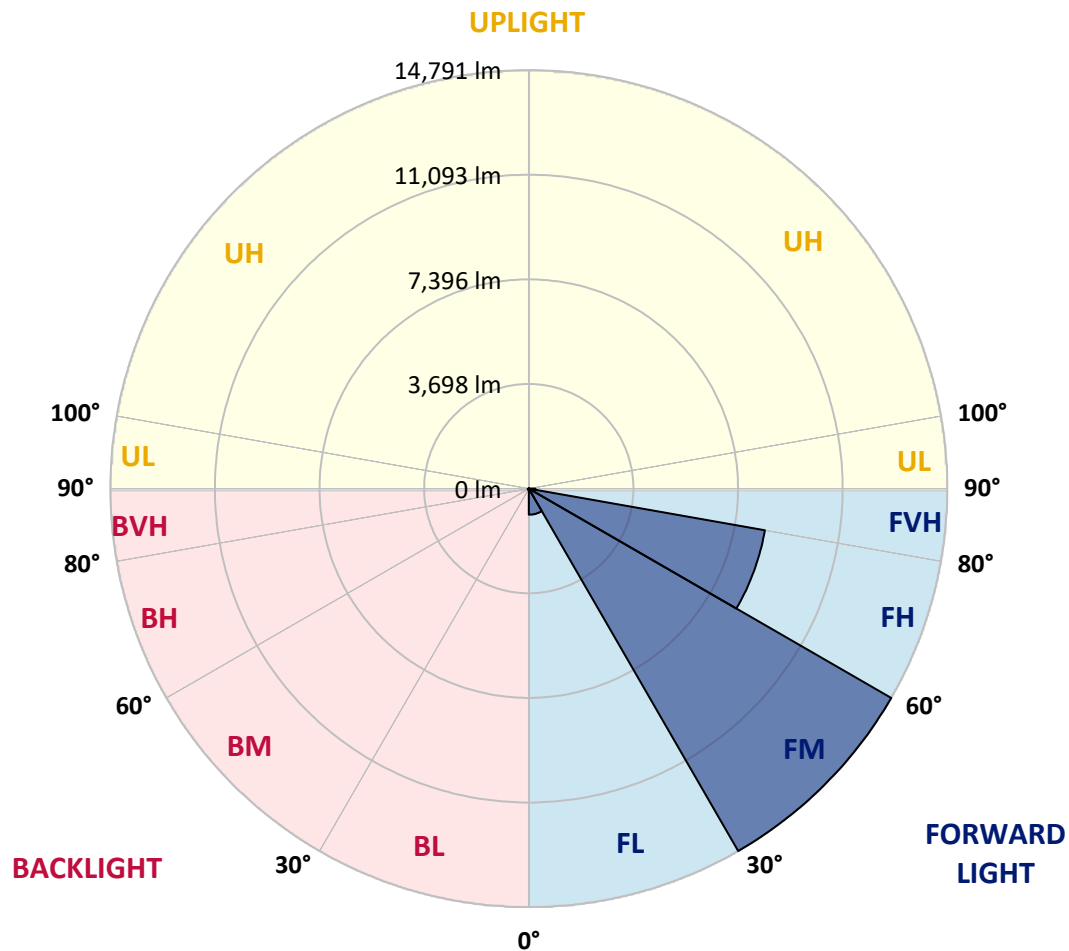
CATALOG NUMBER: GALN-SA8A-827-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	921.0	3.8			
FM	(30°-60°)	14791.1	60.3			
FH	(60°-80°)	8473.5	34.6			G4/12000
FVH	(80°-90°)	234.3	1.0			G3/500
BL	(0°-30°)	23.5	0.1	B0/110		
BM	(30°-60°)	39.8	0.2	B0/220		
BH	(60°-80°)	36.9	0.2	B0/110		G0/110
BVH	(80°-90°)	4.4	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-G4

Type II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	150.1	150.1	150.1	150.1	150.1	150.1	150.1	150.1	150.1	150.1	150.1
2.5°	182.2	183.9	180.5	173.8	168.7	168.7	167.0	162.0	162.0	156.9	153.5
5°	254.7	251.4	244.6	231.1	219.3	207.5	195.7	183.9	182.2	167.0	156.9
7.5°	416.7	420.1	398.1	356.0	320.5	275.0	232.8	207.5	204.1	178.8	158.6
10°	914.4	889.1	838.5	674.8	555.0	418.4	310.4	241.2	237.9	192.3	162.0
12.5°	1666.8	1646.5	1553.7	1385.0	1076.3	749.0	453.8	298.6	288.5	204.1	163.6
15°	2402.3	2370.3	2319.7	2149.3	1788.2	1342.9	742.3	408.3	381.3	221.0	162.0
17.5°	2871.3	2876.4	2830.8	2758.3	2525.5	1987.3	1282.1	609.0	556.7	251.4	158.6
20°	3281.3	3269.4	3294.8	3256.0	3092.3	2700.9	1865.8	965.0	875.6	300.3	160.3
22.5°	3753.6	3782.3	3800.9	3792.4	3611.9	3277.9	2528.8	1444.1	1331.1	389.7	165.3
25°	4386.3	4382.9	4384.6	4362.6	4187.2	3816.0	3193.5	2039.6	1924.9	534.8	177.1
27.5°	5049.3	5069.5	5077.9	4998.6	4769.2	4404.8	3809.3	2690.8	2555.8	767.6	192.3
30°	5955.2	5938.3	5899.5	5737.6	5459.2	5007.1	4416.6	3374.0	3232.3	1093.2	215.9
32.5°	7176.6	7158.0	6962.3	6604.7	6188.0	5634.7	5027.3	4059.0	3886.9	1499.8	248.0
35°	9189.2	9217.9	8737.1	7810.9	7063.6	6388.8	5703.8	4740.5	4588.7	2000.8	291.9
37.5°	12271.4	12114.5	11461.6	9825.2	8215.8	7330.1	6350.0	5428.8	5297.3	2618.3	349.2
40°	15265.9	15110.7	14921.7	13371.3	10218.3	8367.6	7254.2	6236.9	6066.5	3315.0	433.6
42.5°	18413.9	18327.8	18319.4	17150.3	13872.4	9999.0	8342.3	7183.3	7038.3	4079.2	571.9
45°	20644.1	20558.1	20738.6	20942.7	18849.1	13494.5	10236.9	8413.2	8202.3	5007.1	792.9
47.5°	20944.4	20947.8	21430.2	22069.6	22547.1	18901.4	12760.6	10042.8	9786.4	6334.8	1164.0
50°	19945.7	19984.5	20752.1	21895.9	23181.4	23437.8	17211.0	12408.1	12028.5	7908.8	1690.4
52.5°	18044.4	18088.3	19157.8	21038.9	22597.7	24527.6	22450.9	15502.1	15065.1	9872.5	2432.7
55°	16332.1	16359.1	17585.5	19962.5	21894.2	23935.5	25561.8	19633.6	19060.0	12288.3	3164.9
57.5°	14636.6	14574.2	15372.1	18093.3	21774.4	23208.4	26020.6	24342.0	23709.4	14928.5	3735.1
60°	12369.2	12264.7	12905.7	14636.6	20198.7	23685.8	25161.9	26946.8	26803.4	18604.5	4175.4
61°	11065.2	11021.3	11665.8	13150.3	18872.7	23564.3	24956.1	27056.5	27071.7	20343.8	4372.8
62.5°	7902.0	8026.9	9012.1	10942.0	15807.4	22776.5	24983.1	26717.4	26867.5	22655.0	4883.9
65°	3512.4	3713.1	4479.0	6049.7	9192.6	18947.0	24743.6	25973.4	25899.2	23289.3	6645.2
67.5°	2083.5	2113.8	2495.1	3428.0	4868.7	10191.3	21835.1	24989.9	24890.3	20274.6	8268.1
70°	1641.5	1656.7	1778.1	2151.0	2825.8	3903.8	12462.0	21620.9	22054.4	16440.0	8094.3
72.5°	1557.1	1553.7	1570.6	1636.4	1779.8	1936.7	4824.9	14371.7	15254.1	11839.5	6786.9
75°	1536.9	1530.1	1513.3	1488.0	1288.9	1140.4	1494.7	6356.7	6867.9	8089.3	5110.0
77.5°	1491.3	1493.0	1496.4	1427.2	1105.0	806.4	723.7	2039.6	2508.6	5133.6	3632.2
80°	1008.8	1024.0	1049.3	1022.3	993.7	583.7	511.2	725.4	735.5	2881.4	2398.9
82.5°	511.2	511.2	499.4	445.4	384.6	379.6	406.6	526.4	533.1	1457.6	1128.6
85°	308.7	325.6	332.3	302.0	276.7	254.7	310.4	418.4	433.6	565.2	263.2
87.5°	69.2	70.9	77.6	102.9	150.1	204.1	288.5	383.0	389.7	362.7	32.1
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: P1047905

CATALOG NUMBER: GALN-SA8A-827-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	150.1	150.1	150.1	150.1	150.1	150.1	150.1	150.1	150.1	150.1	150.1
2.5°	151.8	148.5	146.8	141.7	136.6	131.6	128.2	126.5	128.2	129.9	129.9
5°	150.1	145.1	136.6	128.2	121.5	114.7	108.0	106.3	106.3	108.0	108.0
7.5°	150.1	141.7	129.9	119.8	109.7	99.5	94.5	91.1	92.8	92.8	92.8
10°	150.1	140.0	124.8	109.7	97.8	86.0	77.6	74.2	74.2	74.2	74.2
12.5°	148.5	138.3	119.8	101.2	84.4	70.9	60.7	55.7	57.4	57.4	57.4
15°	145.1	133.3	113.0	86.0	67.5	54.0	43.9	38.8	40.5	43.9	45.5
17.5°	140.0	128.2	101.2	72.5	54.0	40.5	30.4	27.0	28.7	33.7	33.7
20°	138.3	123.2	89.4	59.0	40.5	28.7	20.2	16.9	18.6	25.3	27.0
22.5°	138.3	119.8	81.0	48.9	30.4	18.6	11.8	6.7	6.7	11.8	11.8
25°	140.0	118.1	74.2	40.5	21.9	13.5	6.7	3.4	6.7	18.6	21.9
27.5°	143.4	116.4	70.9	33.7	16.9	11.8	5.1	11.8	20.2	20.2	20.2
30°	146.8	113.0	65.8	28.7	15.2	8.4	8.4	16.9	16.9	20.2	21.9
32.5°	151.8	111.3	62.4	25.3	11.8	6.7	11.8	10.1	10.1	11.8	13.5
35°	162.0	113.0	59.0	25.3	11.8	8.4	10.1	5.1	3.4	3.4	3.4
37.5°	175.5	114.7	54.0	21.9	10.1	10.1	5.1	0.0	0.0	0.0	0.0
40°	197.4	119.8	50.6	20.2	8.4	8.4	1.7	0.0	0.0	0.0	0.0
42.5°	234.5	129.9	48.9	18.6	8.4	6.7	0.0	0.0	0.0	0.0	0.0
45°	308.7	153.5	45.5	16.9	8.4	3.4	0.0	0.0	0.0	0.0	0.0
47.5°	443.7	209.2	43.9	13.5	5.1	0.0	0.0	0.0	0.0	0.0	0.0
50°	647.8	283.4	42.2	11.8	1.7	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	826.6	298.6	28.7	10.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	846.9	205.8	21.9	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	674.8	133.3	18.6	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	511.2	101.2	16.9	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
61°	490.9	91.1	16.9	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	541.5	79.3	15.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	880.6	65.8	13.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1530.1	57.4	11.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1933.3	54.0	10.1	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1685.3	48.9	10.1	3.4	1.7	0.0	0.0	0.0	0.0	0.0	0.0
75°	1013.9	42.2	10.1	6.7	3.4	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	531.4	32.1	10.1	8.4	5.1	1.7	0.0	0.0	0.0	0.0	0.0
80°	258.1	28.7	11.8	8.4	6.7	3.4	0.0	0.0	0.0	0.0	0.0
82.5°	101.2	23.6	13.5	11.8	8.4	5.1	1.7	0.0	0.0	0.0	0.0
85°	45.5	20.2	15.2	13.5	11.8	6.7	1.7	0.0	0.0	0.0	0.0
87.5°	23.6	18.6	16.9	15.2	11.8	8.4	3.4	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: SP1-2407-184-8

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-827-U-5WQ

Data in this report applies to families of products including GSS-SB1A-827-U-5WQ

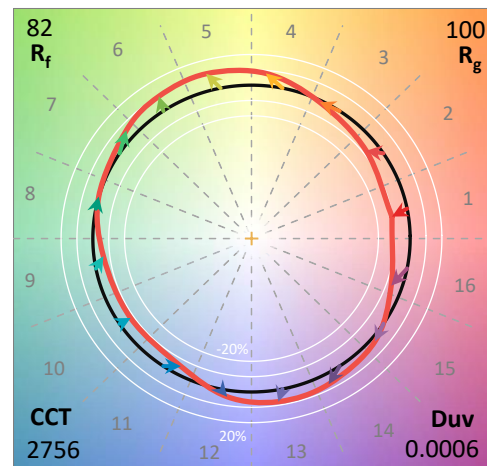
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-8
 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-827-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI
 2700K CCT 26 LEDS

Spectral Parameters

CCT (K): 2756
 CIE u' : 0.2599
 CIE v' : 0.5271
 Duv: 0.0006
 CIE x: 0.4563
 CIE y: 0.4112
 CIE z: 0.1325
 Peak Wavelength (nm): 609
 Dominant Wavelength (nm): 583
 Purity: 60.41121
 R_f: 82.2
 R_g: 99.9

CRI (Ra): 82.9
 R1: 81.6
 R2: 88.8
 R3: 96.0
 R4: 83.4
 R5: 81.4
 R6: 87.0
 R7: 84.0
 R8: 60.8
 R9: 10.8
 R10: 74.8
 R11: 84.3
 R12: 72.1
 R13: 82.9
 R14: 97.3
 R15: 73.7



Test Conditions

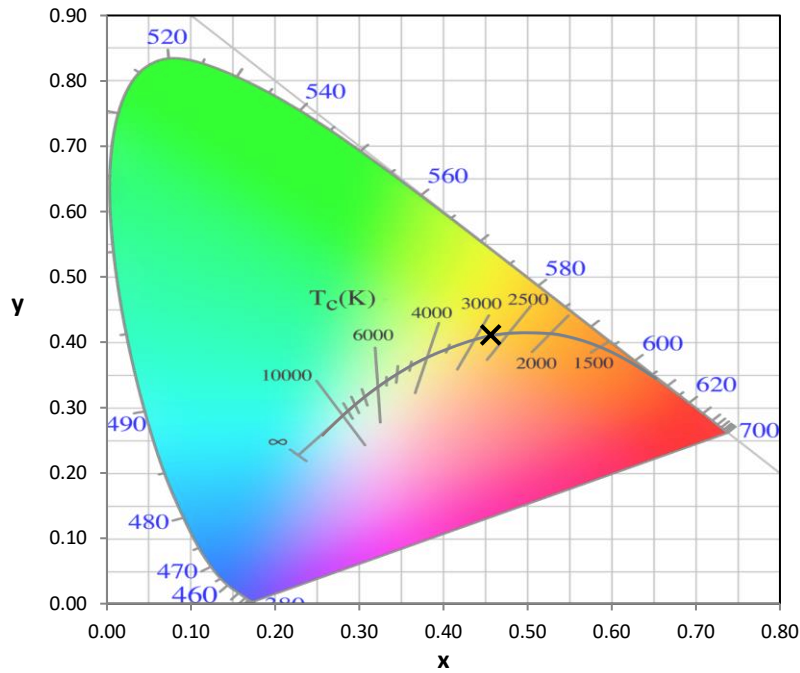
Stabilization Time: 29M
 Operation Time: 1H 29M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-8

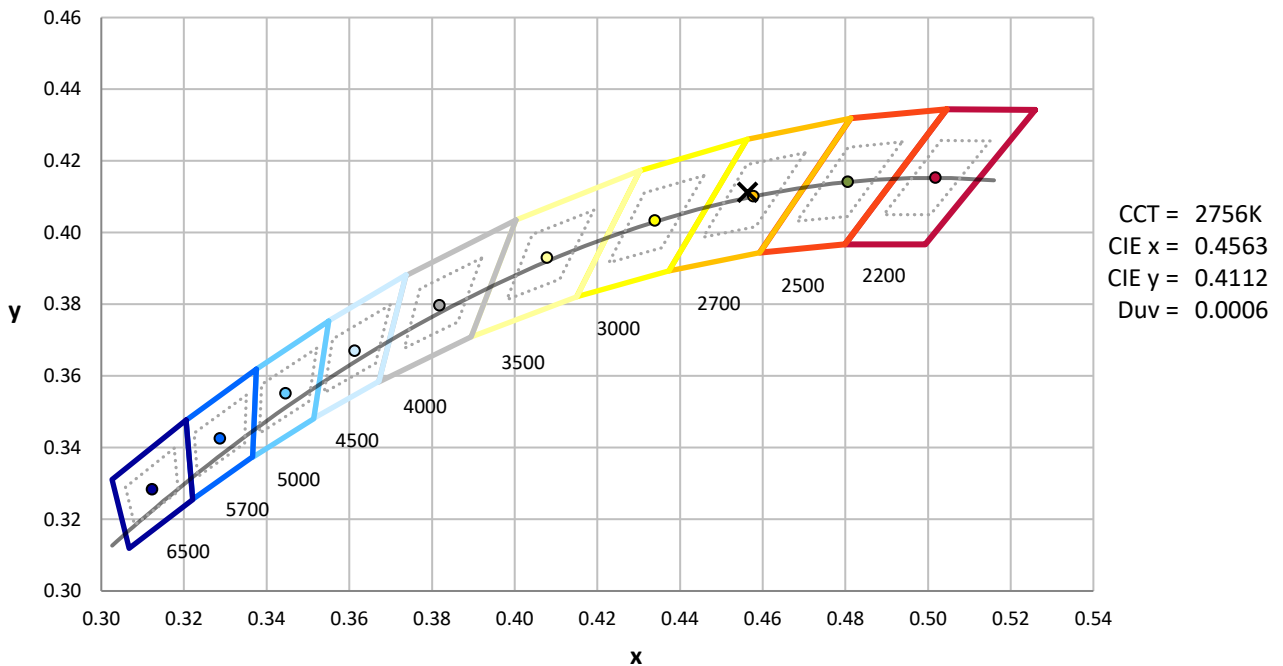
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-8

CIE 1931 Chromaticity Diagram



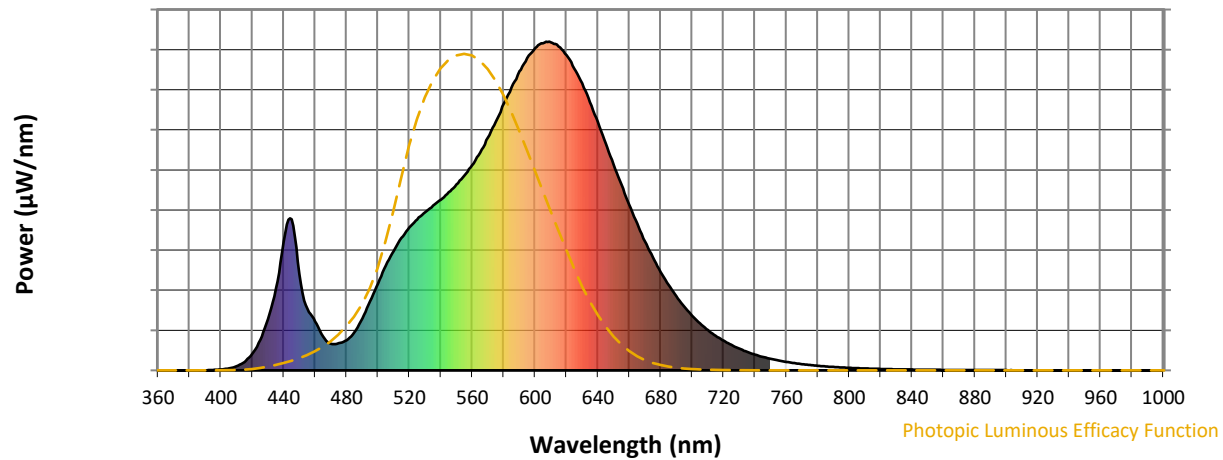
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-8

Photopic Flux vs. Wavelength

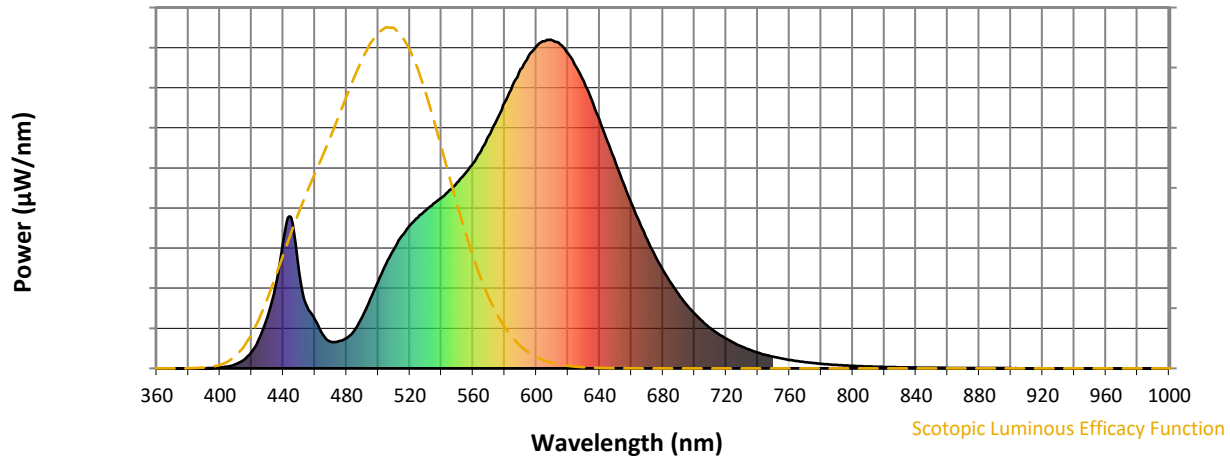


Photopic Lumens: NR

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-8

Scotopic Flux vs. Wavelength



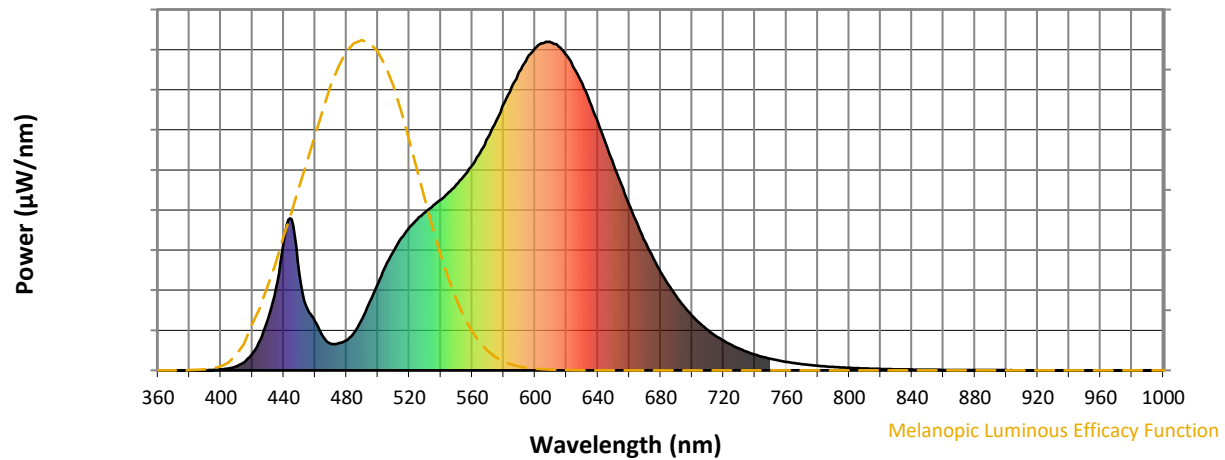
Scotopic Lumens: NR

S/P: 1.2

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

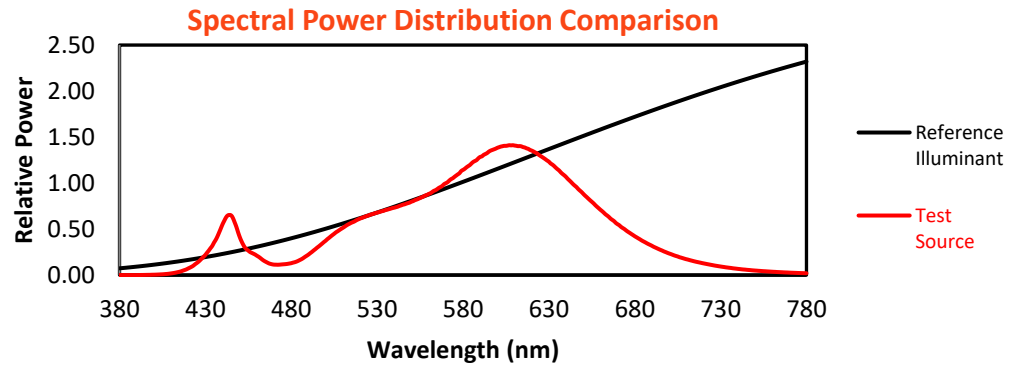
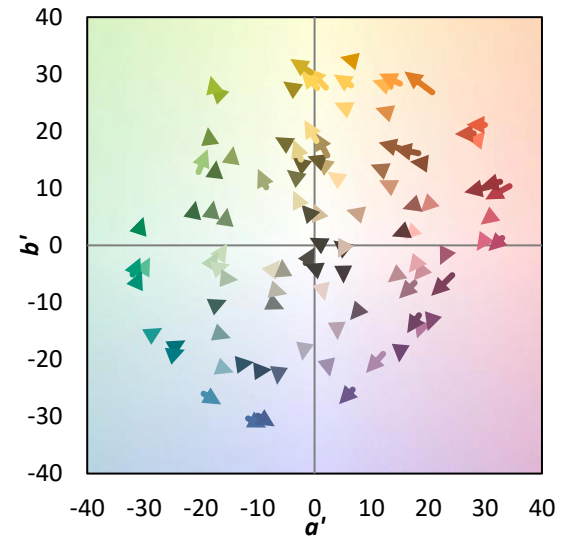
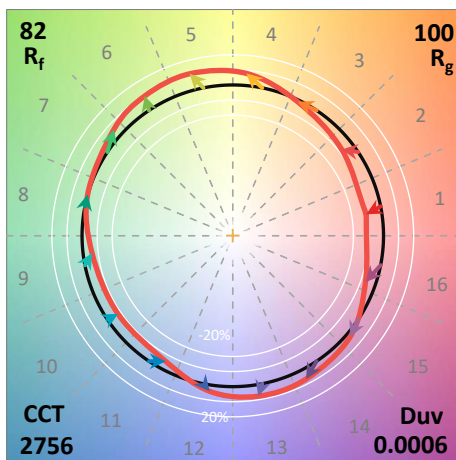
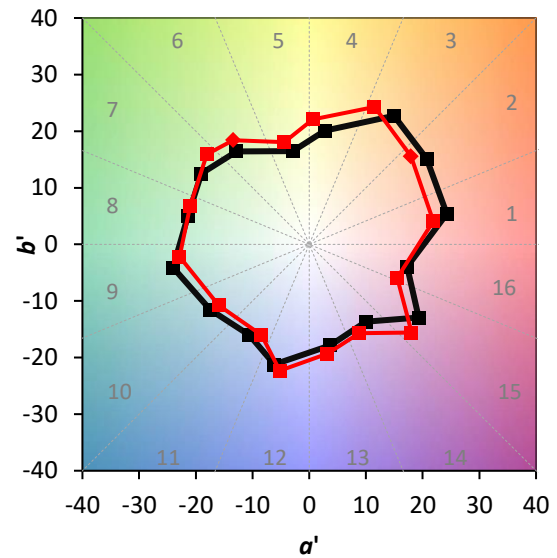
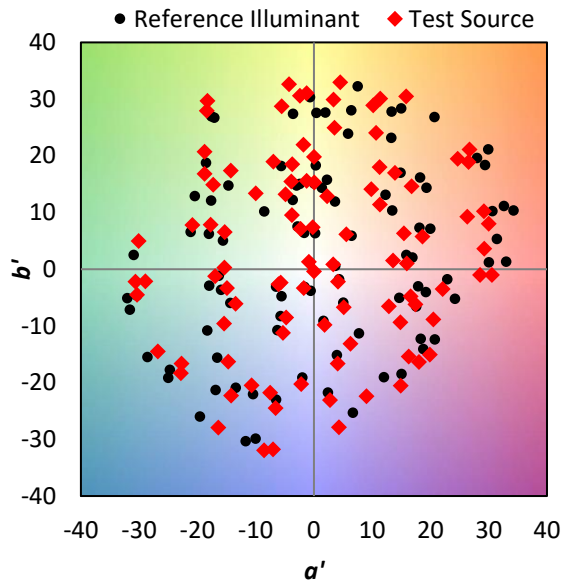
REPORT NUMBER: SP1-2407-184-8

Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.16

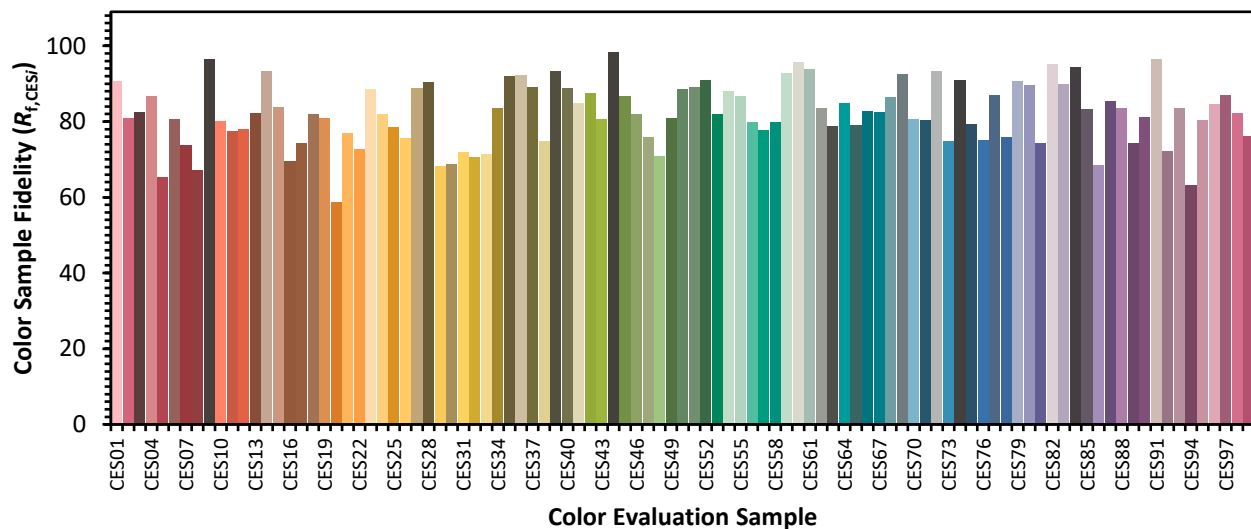
λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-8

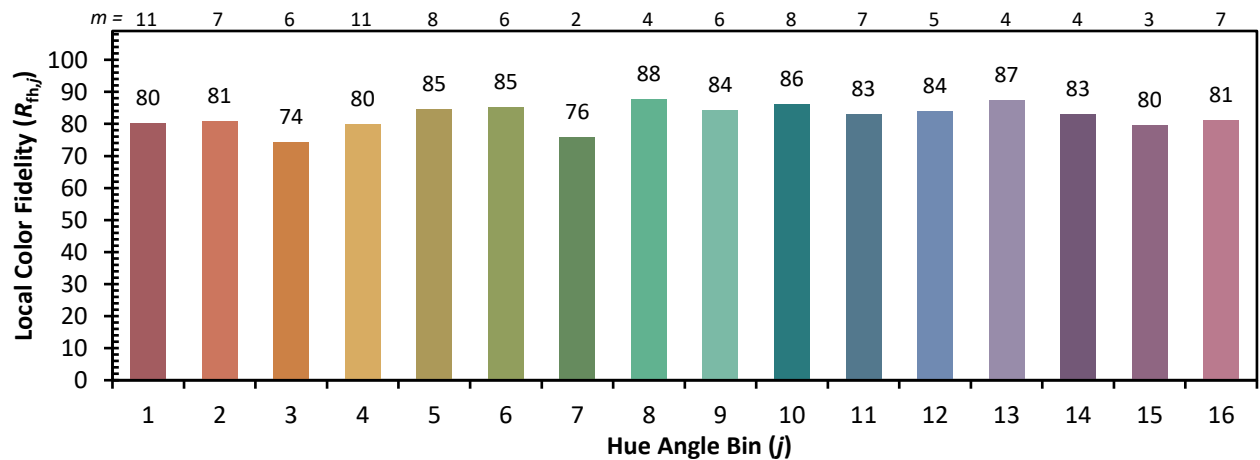
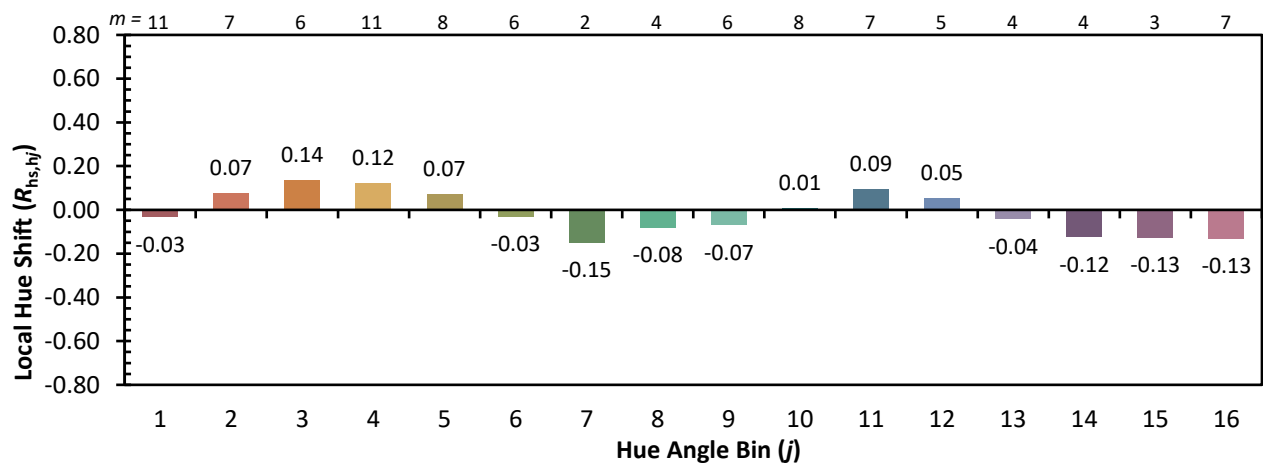
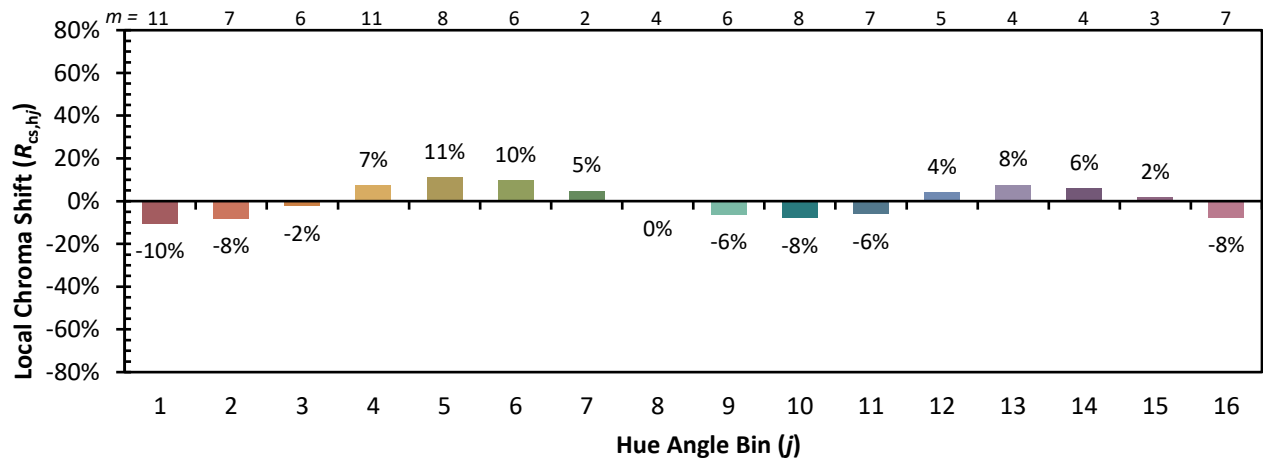
TM-30-18
Summary
 $R_f = 82.2$
 $R_g = 99.9$
 CIE $R_a = 82.9$
 $R_9 = 10.8$

Color Vector Graphics


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

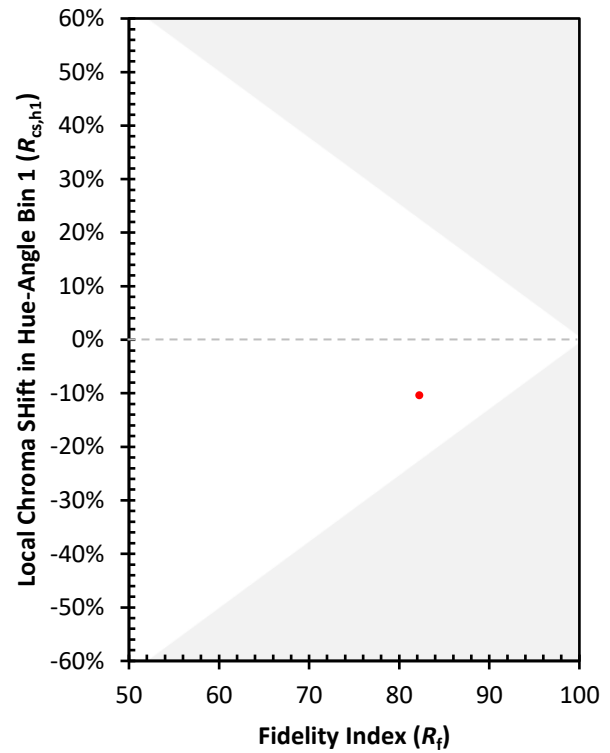
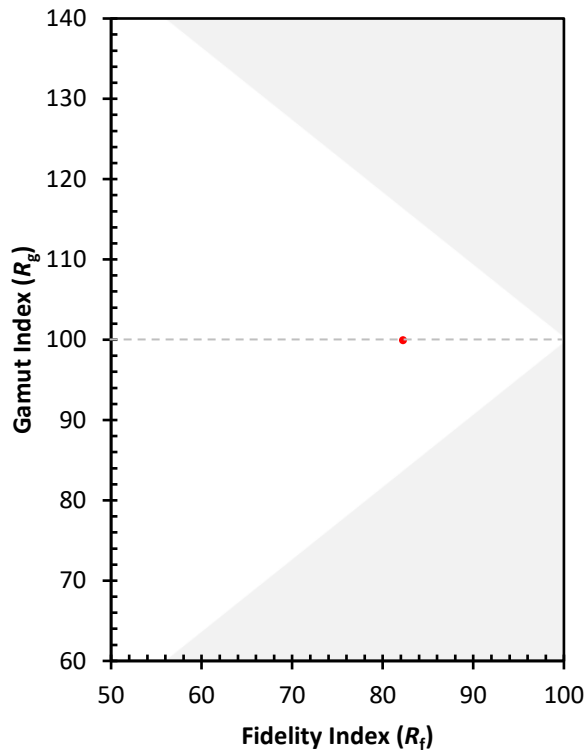
CES01 = 86	CES26 = 76	CES51 = 89	CES76 = 75
CES02 = 63	CES27 = 89	CES52 = 91	CES77 = 87
CES03 = 31	CES28 = 90	CES53 = 82	CES78 = 76
CES04 = 71	CES29 = 68	CES54 = 88	CES79 = 91
CES05 = 50	CES30 = 69	CES55 = 87	CES80 = 90
CES06 = 52	CES31 = 72	CES56 = 80	CES81 = 74
CES07 = 43	CES32 = 71	CES57 = 78	CES82 = 95
CES08 = 42	CES33 = 71	CES58 = 80	CES83 = 90
CES09 = 29	CES34 = 84	CES59 = 93	CES84 = 94
CES10 = 77	CES35 = 92	CES60 = 96	CES85 = 83
CES11 = 59	CES36 = 92	CES61 = 94	CES86 = 69
CES12 = 66	CES37 = 89	CES62 = 84	CES87 = 85
CES13 = 44	CES38 = 75	CES63 = 79	CES88 = 84
CES14 = 74	CES39 = 93	CES64 = 85	CES89 = 74
CES15 = 72	CES40 = 89	CES65 = 79	CES90 = 81
CES16 = 48	CES41 = 85	CES66 = 83	CES91 = 96
CES17 = 50	CES42 = 88	CES67 = 82	CES92 = 72
CES18 = 57	CES43 = 81	CES68 = 86	CES93 = 84
CES19 = 73	CES44 = 98	CES69 = 92	CES94 = 63
CES20 = 67	CES45 = 87	CES70 = 81	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 81	CES96 = 85
CES22 = 79	CES47 = 76	CES72 = 93	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 75	CES98 = 82
CES24 = 91	CES49 = 81	CES74 = 91	CES99 = 76
CES25 = 72	CES50 = 88	CES75 = 79	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)