

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: STREETWORKS

Report Number: P1065559

Luminaire Tested: **GLAN-SA8C-927-U-LBC**

Issue Date: 08/07/2025



Test Information

Test Method: LM-79-08
Report Number: P1065559
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: GLAN-SA8C-927-U-LBC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 1050mA 8xLight Square PACKAGE
90CRI 2700K FIXTURE w/ LEFT CORNER BACKLIGHT CONTROL
Light Source: (112) 2700K CCT, 90 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 25140.6 lumens
Efficiency: N/A
Efficacy: 67.4 lumens/watt
Luminous Opening: Rectangular (W 1.5' x L: 1.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G4

Input Watts (W): 372.9
Input Voltage (V): 120
Input Current (A_{in}): 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

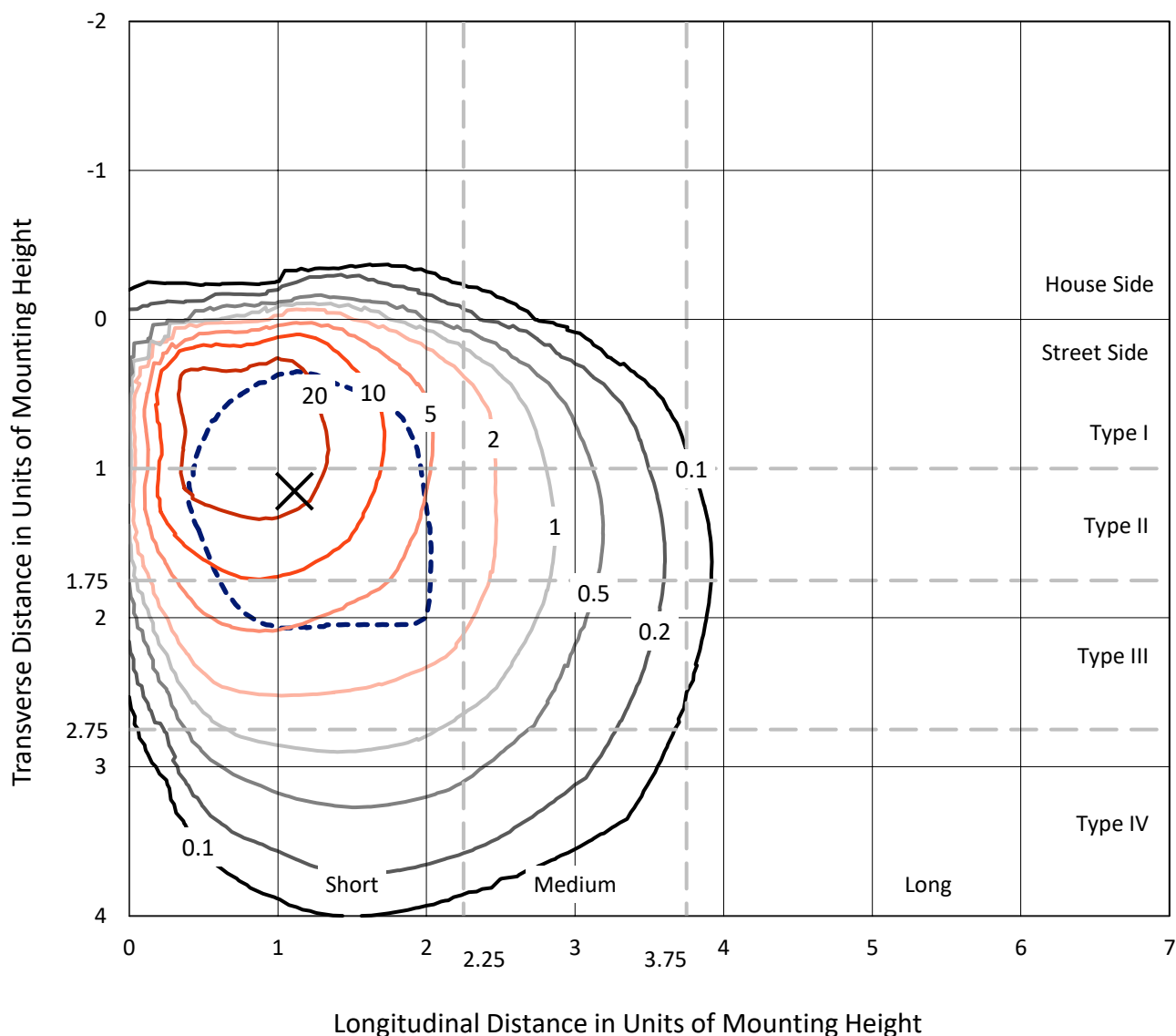
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

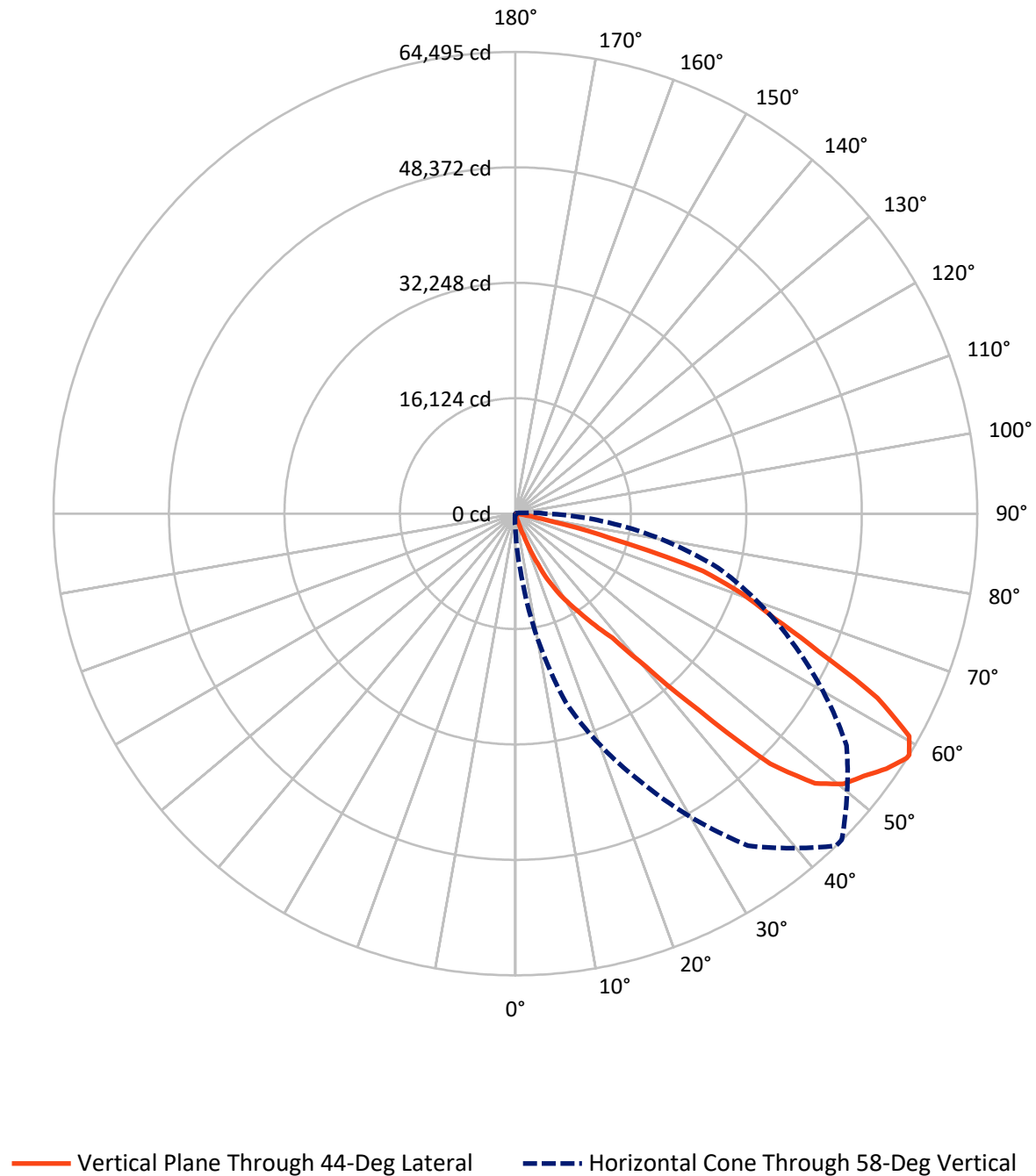


Based on 20 foot mounting height. Maximum calculated value = 43.8 fc

Type III - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	171.7	0.0	171.7
	% Fixture	0.7	0.0	0.7
Street Side	Lumens	24968.9	0.0	24968.9
	% Fixture	99.3	0.0	99.3
Total	Lumens	25140.6	0.0	25140.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	9.8	0.0
10°-20°	55.1	0.2
20°-30°	595.6	2.4
30°-40°	1761.3	7.0
40°-50°	5249.8	20.9
50°-60°	8330.1	33.1
60°-70°	6948.3	27.6
70°-80°	2143.0	8.5
80°-90°	47.6	0.2
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°	25140.6	100.0
0°-180°	25140.6	100.0



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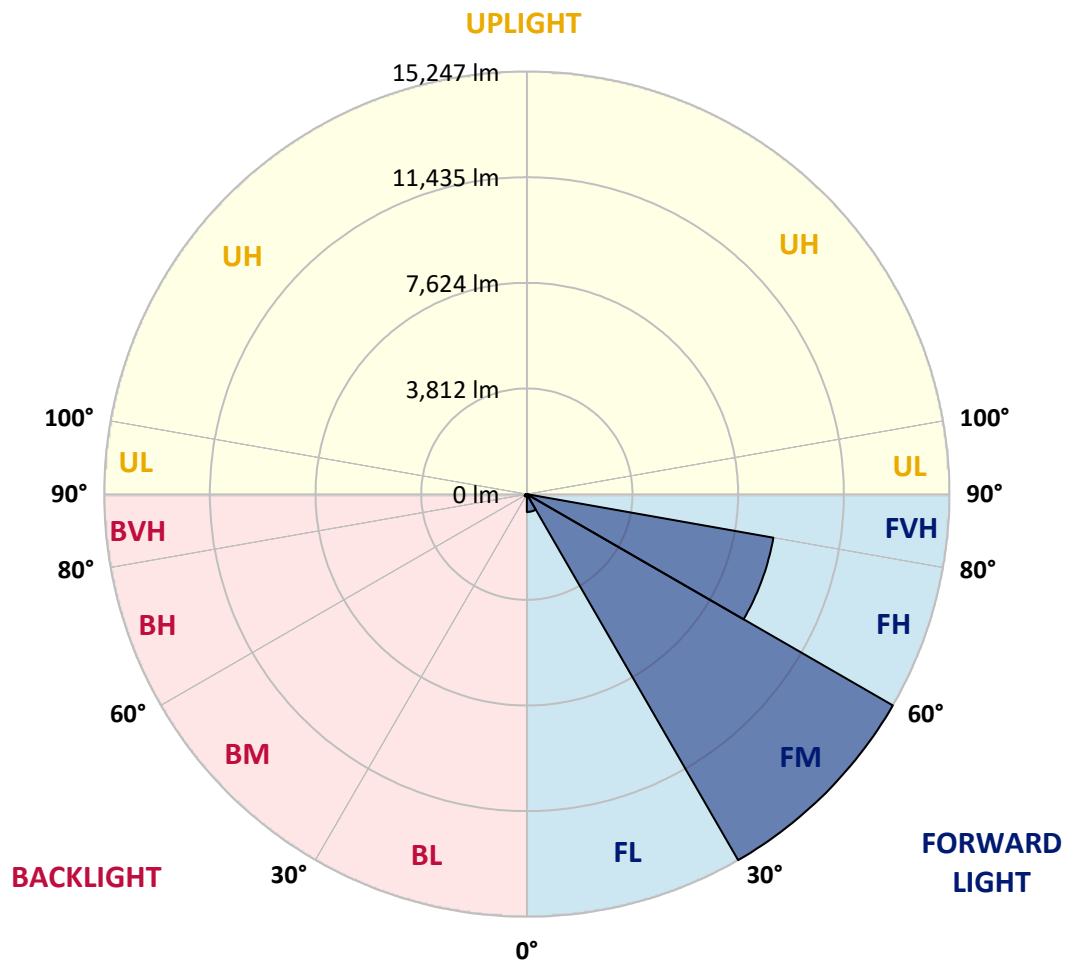
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	643.7	2.6			
FM	(30°-60°)	15247.2	60.6			
FH	(60°-80°)	9032.6	35.9			G4/12000
FVH	(80°-90°)	45.3	0.2			G1/100
BL	(0°-30°)	16.8	0.1	B0/110		
BM	(30°-60°)	94.0	0.4	B0/220		
BH	(60°-80°)	58.6	0.2	B0/110		G0/110
BVH	(80°-90°)	2.3	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 III Short





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	44°	45°	55°	65°	75°
0°	110.2	110.2	110.2	110.2	110.2	110.2	110.2	110.2	110.2	110.2
2.5°	142.4	142.4	136.7	129.1	121.5	113.9	112.1	108.3	106.4	104.5
5°	148.1	148.1	146.2	140.5	132.9	127.2	127.2	121.5	117.7	113.9
7.5°	151.9	153.8	157.6	155.7	151.9	146.2	146.2	142.4	136.7	127.2
10°	157.6	163.3	170.9	174.7	176.6	176.6	174.7	172.8	163.3	150.0
12.5°	163.3	174.7	193.7	212.7	224.1	239.3	237.4	233.6	208.9	180.4
15°	174.7	191.8	231.7	286.8	372.2	425.4	446.3	427.3	345.6	243.1
17.5°	188.0	216.5	336.2	600.1	983.8	1166.1	1276.2	1187.0	786.3	461.5
20°	201.3	264.0	624.8	1555.4	2552.5	3148.8	3314.0	3055.7	1961.8	879.3
22.5°	224.1	370.3	1266.7	3215.3	5500.0	6394.5	6563.5	5737.4	3705.3	1735.8
25°	271.6	537.5	2184.0	5239.8	8208.2	9718.0	9647.7	8565.2	6010.8	2772.8
27.5°	339.9	782.5	3302.6	7444.7	10802.4	12133.7	12293.2	10954.3	8012.5	4077.5
30°	438.7	1084.4	4502.9	9210.9	12882.0	14321.5	14348.1	12963.6	9803.4	5222.7
32.5°	533.7	1369.3	5553.1	10918.3	14931.2	16509.4	16627.1	14923.6	11140.5	6415.4
35°	605.8	1555.4	6616.7	12418.6	16997.5	19172.0	19164.4	17141.8	12724.4	7480.8
37.5°	611.5	1741.5	7579.5	13953.1	19614.5	22049.2	22290.4	20060.8	14638.7	8798.8
40°	598.2	1950.4	8798.8	16346.0	24330.1	28065.7	28278.4	25467.7	18478.8	11055.0
42.5°	613.4	2313.2	10777.7	20765.4	32160.3	37525.4	37935.7	34980.6	25538.0	15658.5
45°	693.2	2995.0	14923.6	28158.8	43321.7	49862.4	49725.6	45469.6	33751.8	22666.4
47.5°	957.2	4664.3	21069.2	35354.7	50454.9	56279.6	56397.4	51195.6	38545.3	28054.3
50°	1471.8	7137.0	26233.1	39158.7	53522.0	59365.7	59255.6	53244.8	40366.6	30707.5
52.5°	1914.4	8926.0	28823.5	40493.8	53915.2	60890.8	60883.2	53784.1	40649.6	30935.4
55°	2024.5	9060.9	28844.4	40566.0	54796.4	62886.8	63137.5	55111.6	41016.1	29940.2
57.5°	1980.8	8022.0	27640.3	40983.8	56365.1	64430.8	64444.1	56397.4	41946.7	29330.6
58°	1942.8	7858.7	27397.2	41221.2	56634.8	64495.4	64463.1	56456.2	42704.4	29307.8
60°	1730.1	6823.7	26449.6	41827.0	56234.0	63169.8	62867.8	55170.5	42592.4	29074.2
62.5°	1359.8	5323.3	25517.1	41126.2	51938.1	56752.5	56877.9	48844.4	38828.3	27712.5
65°	1082.5	3967.3	23572.3	36074.5	42769.0	46605.3	47072.5	39719.0	32409.1	23466.0
67.5°	862.2	2867.7	19774.0	28721.0	33843.0	38896.6	39236.6	33347.3	25108.8	17979.3
70°	700.8	1939.0	13649.2	21004.7	27913.8	33596.1	33617.0	27703.0	18740.9	11780.5
72.5°	621.0	1342.7	7923.3	15318.6	22634.2	27376.3	26823.7	22480.3	14403.2	6977.5
75°	537.5	890.7	3885.7	9364.7	13723.3	13816.4	14027.2	10428.3	7199.7	3317.8
77.5°	442.5	632.4	1530.7	2558.2	4115.5	5268.3	5463.9	4140.2	2394.8	816.6
80°	303.9	300.1	412.1	784.4	1177.5	1475.6	1376.9	1065.4	626.7	313.4
82.5°	131.0	142.4	186.1	224.1	182.3	176.6	169.0	108.3	83.6	64.6
85°	41.8	38.0	39.9	39.9	32.3	24.7	24.7	11.4	0.0	0.0
87.5°	20.9	17.1	17.1	15.2	9.5	3.8	1.9	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

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CANDELA DISTRIBUTION (continued):

85°		90°	95°	105°	115°	125°	135°	145°	155°	165°	175°
110.2	0°	110.2	110.2	110.2	110.2	110.2	110.2	110.2	110.2	110.2	110.2
102.6	2.5°	100.7	100.7	96.9	93.1	91.2	87.4	85.5	83.6	81.7	79.8
110.2	5°	106.4	104.5	98.8	93.1	87.4	81.7	77.9	74.1	70.3	68.4
121.5	7.5°	115.8	112.1	100.7	91.2	83.6	76.0	72.2	66.5	62.7	57.0
134.8	10°	127.2	119.6	104.5	93.1	81.7	72.2	66.5	60.8	55.1	47.5
153.8	12.5°	142.4	129.1	110.2	91.2	77.9	66.5	60.8	53.2	47.5	41.8
178.5	15°	155.7	138.6	112.1	91.2	74.1	60.8	53.2	45.6	39.9	32.3
224.1	17.5°	174.7	146.2	110.2	85.5	68.4	53.2	45.6	39.9	30.4	19.0
332.4	20°	207.0	151.9	106.4	79.8	58.9	43.7	34.2	26.6	13.3	3.8
499.5	22.5°	258.3	167.1	102.6	72.2	51.3	34.2	22.8	9.5	0.0	0.0
759.7	25°	357.0	193.7	102.6	68.4	45.6	24.7	7.6	0.0	0.0	0.0
1078.7	27.5°	474.8	229.8	102.6	58.9	36.1	13.3	0.0	0.0	0.0	0.0
1469.9	30°	594.4	269.7	102.6	51.3	28.5	1.9	0.0	0.0	0.0	0.0
1809.9	32.5°	708.4	303.9	104.5	43.7	19.0	0.0	0.0	0.0	0.0	0.0
2280.9	35°	824.2	309.6	102.6	38.0	11.4	0.0	0.0	0.0	0.0	0.0
2858.2	37.5°	972.4	298.2	96.9	34.2	5.7	0.0	0.0	0.0	0.0	0.0
3760.3	40°	1196.5	303.9	91.2	32.3	1.9	0.0	0.0	0.0	0.0	0.0
5368.9	42.5°	1610.5	328.6	83.6	32.3	0.0	0.0	0.0	0.0	0.0	0.0
8551.9	45°	2784.2	440.6	76.0	34.2	0.0	0.0	0.0	0.0	0.0	0.0
12838.3	47.5°	4605.5	791.9	74.1	34.2	0.0	0.0	0.0	0.0	0.0	0.0
15464.8	50°	5877.9	997.1	77.9	36.1	0.0	0.0	0.0	0.0	0.0	0.0
15793.4	52.5°	5868.4	1111.0	81.7	38.0	7.6	0.0	0.0	0.0	0.0	0.0
14557.0	55°	5217.0	1131.9	87.4	41.8	24.7	0.0	0.0	0.0	0.0	0.0
12509.7	57.5°	4360.5	1033.1	100.7	51.3	45.6	0.0	0.0	0.0	0.0	0.0
12188.8	58°	4208.5	987.6	104.5	53.2	49.4	0.0	0.0	0.0	0.0	0.0
10572.6	60°	3448.9	805.2	132.9	66.5	66.5	0.0	0.0	0.0	0.0	0.0
8667.8	62.5°	2381.5	702.7	151.9	85.5	68.4	0.0	0.0	0.0	0.0	0.0
6390.7	65°	1684.6	634.3	165.2	91.2	55.1	0.0	0.0	0.0	0.0	0.0
4540.9	67.5°	1259.1	584.9	182.3	93.1	28.5	0.0	0.0	0.0	0.0	0.0
2848.7	70°	964.8	548.9	224.1	98.8	7.6	0.0	0.0	0.0	0.0	0.0
1697.8	72.5°	786.3	507.1	271.6	102.6	0.0	0.0	0.0	0.0	0.0	0.0
1017.9	75°	651.4	457.7	262.1	112.1	0.0	0.0	0.0	0.0	0.0	0.0
543.2	77.5°	433.0	355.1	239.3	112.1	0.0	0.0	0.0	0.0	0.0	0.0
193.7	80°	151.9	140.5	186.1	98.8	0.0	0.0	0.0	0.0	0.0	0.0
39.9	82.5°	22.8	19.0	26.6	34.2	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	87.5°	0.0	0.0	0.0	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



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CANDELA DISTRIBUTION (continued):

180°		185°	195°	205°	215°	225°	235°	245°	255°	265°	270°
110.2	0°	110.2	110.2	110.2	110.2	110.2	110.2	110.2	110.2	110.2	110.2
77.9	2.5°	77.9	77.9	76.0	77.9	77.9	81.7	91.2	104.5	119.6	125.3
66.5	5°	64.6	62.7	60.8	60.8	60.8	66.5	74.1	89.3	106.4	113.9
55.1	7.5°	53.2	51.3	49.4	47.5	47.5	51.3	60.8	77.9	95.0	102.6
45.6	10°	43.7	39.9	38.0	36.1	36.1	39.9	49.4	66.5	85.5	93.1
38.0	12.5°	36.1	30.4	26.6	24.7	22.8	28.5	38.0	53.2	74.1	83.6
28.5	15°	24.7	19.0	13.3	11.4	9.5	15.2	24.7	41.8	62.7	74.1
15.2	17.5°	13.3	5.7	1.9	0.0	0.0	3.8	11.4	30.4	51.3	60.8
0.0	20°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.2	38.0	47.5
0.0	22.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	22.8	32.3
0.0	25°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.5	17.1
0.0	27.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8
0.0	30°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	32.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	35°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	37.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	40°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	42.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	45°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	47.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	50°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	52.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	55°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	58°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	60°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.7
0.0	87.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.6	15.2
0.0	90°	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):

275°		285°	295°	305°	315°	316°	325°	335°	345°	355°	360°
110.2	0°	110.2	110.2	110.2	110.2	110.2	110.2	110.2	110.2	110.2	110.2
131.0	2.5°	134.8	132.9	129.1	125.3	125.3	125.3	131.0	136.7	142.4	142.4
117.7	5°	125.3	125.3	123.4	119.6	119.6	121.5	129.1	138.6	146.2	148.1
108.3	7.5°	115.8	119.6	115.8	113.9	115.8	117.7	125.3	136.7	148.1	151.9
100.7	10°	110.2	112.1	112.1	110.2	110.2	113.9	121.5	136.7	151.9	157.6
91.2	12.5°	102.6	106.4	104.5	104.5	104.5	108.3	117.7	134.8	155.7	163.3
81.7	15°	95.0	100.7	100.7	98.8	98.8	100.7	113.9	132.9	161.4	174.7
70.3	17.5°	87.4	93.1	95.0	91.2	91.2	95.0	108.3	132.9	165.2	188.0
57.0	20°	72.2	81.7	87.4	81.7	81.7	85.5	98.8	125.3	167.1	201.3
41.8	22.5°	57.0	66.5	74.1	72.2	72.2	74.1	91.2	119.6	169.0	224.1
24.7	25°	41.8	51.3	57.0	60.8	60.8	66.5	83.6	115.8	176.6	271.6
11.4	27.5°	24.7	36.1	43.7	47.5	49.4	57.0	77.9	112.1	189.9	339.9
0.0	30°	11.4	20.9	30.4	38.0	38.0	51.3	72.2	108.3	207.0	438.7
0.0	32.5°	0.0	9.5	15.2	26.6	28.5	41.8	66.5	104.5	231.7	533.7
0.0	35°	0.0	0.0	7.6	20.9	20.9	34.2	60.8	100.7	269.7	605.8
0.0	37.5°	0.0	0.0	0.0	15.2	17.1	30.4	58.9	98.8	277.3	611.5
0.0	40°	0.0	0.0	0.0	11.4	13.3	28.5	58.9	100.7	250.7	598.2
0.0	42.5°	0.0	0.0	0.0	7.6	9.5	28.5	58.9	104.5	226.0	613.4
0.0	45°	0.0	0.0	0.0	5.7	7.6	30.4	57.0	102.6	212.7	693.2
0.0	47.5°	0.0	0.0	0.0	7.6	11.4	30.4	55.1	100.7	214.6	957.2
0.0	50°	0.0	0.0	0.0	9.5	13.3	30.4	57.0	96.9	235.5	1471.8
0.0	52.5°	0.0	0.0	0.0	7.6	11.4	34.2	62.7	95.0	256.4	1914.4
0.0	55°	0.0	0.0	0.0	1.9	5.7	43.7	68.4	95.0	288.7	2024.5
0.0	57.5°	0.0	0.0	0.0	0.0	0.0	49.4	77.9	100.7	341.8	1980.8
0.0	58°	0.0	0.0	0.0	0.0	0.0	49.4	79.8	100.7	345.6	1942.8
0.0	60°	0.0	0.0	0.0	0.0	0.0	49.4	87.4	112.1	372.2	1730.1
0.0	62.5°	0.0	0.0	0.0	0.0	0.0	41.8	104.5	140.5	387.4	1359.8
0.0	65°	0.0	0.0	0.0	0.0	0.0	34.2	123.4	153.8	398.8	1082.5
0.0	67.5°	0.0	0.0	0.0	0.0	0.0	32.3	127.2	155.7	404.5	862.2
0.0	70°	0.0	0.0	0.0	0.0	0.0	34.2	125.3	167.1	423.5	700.8
0.0	72.5°	0.0	0.0	0.0	0.0	0.0	38.0	113.9	184.2	423.5	621.0
0.0	75°	0.0	0.0	0.0	0.0	0.0	39.9	106.4	207.0	385.5	537.5
0.0	77.5°	0.0	0.0	0.0	0.0	0.0	38.0	104.5	241.2	343.7	442.5
0.0	80°	3.8	5.7	5.7	3.8	3.8	32.3	102.6	245.0	292.5	303.9
1.9	82.5°	11.4	15.2	13.3	9.5	9.5	28.5	91.2	205.1	151.9	131.0
11.4	85°	20.9	24.7	24.7	20.9	20.9	26.6	57.0	74.1	51.3	41.8
20.9	87.5°	28.5	32.3	32.3	28.5	28.5	26.6	24.7	22.8	20.9	20.9
0.0	90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF RI



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

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-13

Test Date: 10/11/2024

Luminaire Tested: GSS-SB1A-927-U-5WQ

Data in this report applies to families of products including GSS-SB1A-927-U-5WQ

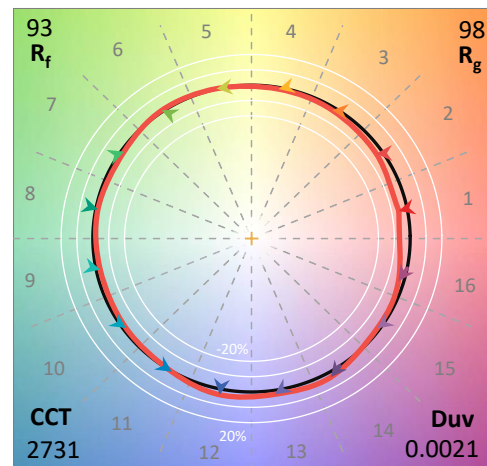
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-13
 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-927-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 90 CRI
 2700K CCT 26 LEDS

Spectral Parameters

CCT (K): 2731
 CIE u' : 0.2605
 CIE v' : 0.5298
 Duv: 0.0021
 CIE x: 0.4610
 CIE y: 0.4166
 CIE z: 0.1224
 Peak Wavelength (nm): 622
 Dominant Wavelength (nm): 583
 Purity: 63.43685
 R_f: 92.6
 R_g: 98

CRI (Ra): 91.8
 R1: 91.4
 R2: 95.1
 R3: 97.6
 R4: 92.3
 R5: 91.1
 R6: 94.7
 R7: 92.3
 R8: 80.0
 R9: 54.7
 R10: 87.7
 R11: 92.9
 R12: 84.0
 R13: 92.2
 R14: 97.8
 R15: 86.8



Test Conditions

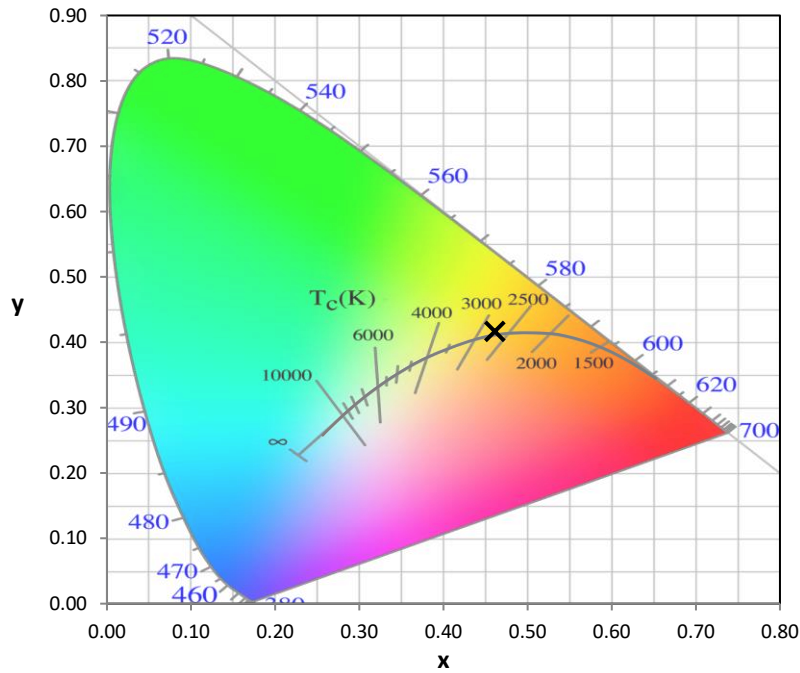
Stabilization Time: M
 Operation Time: 1H 0M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-13

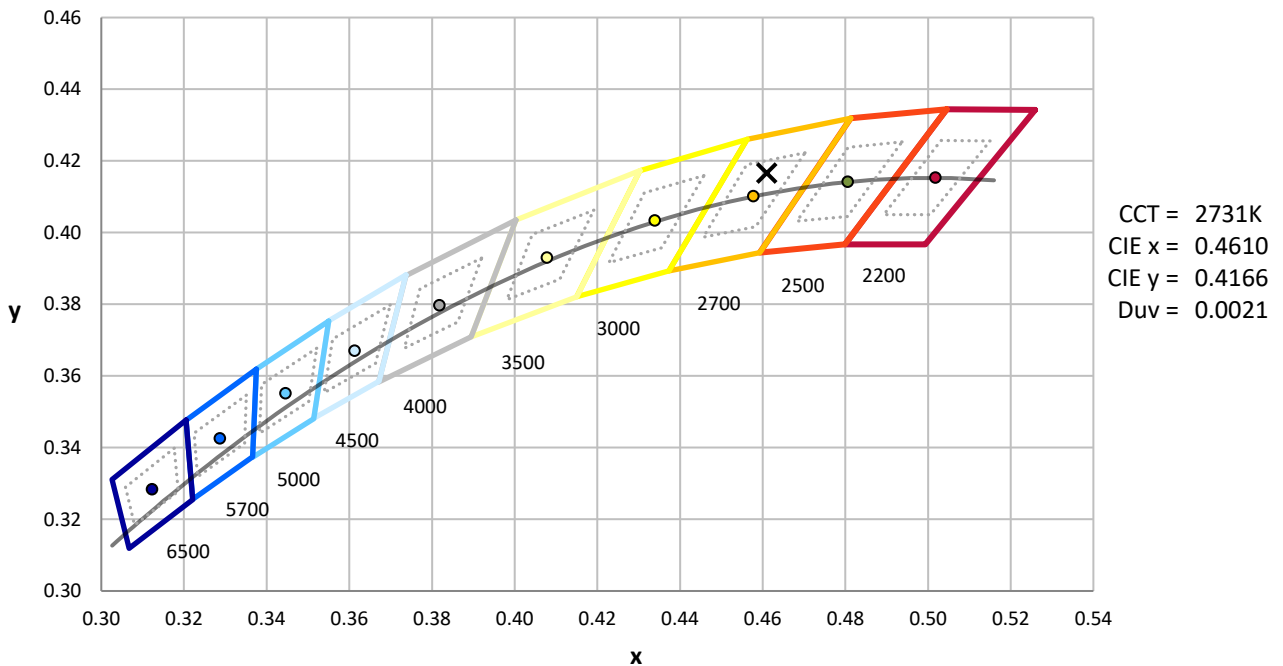
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-13

CIE 1931 Chromaticity Diagram



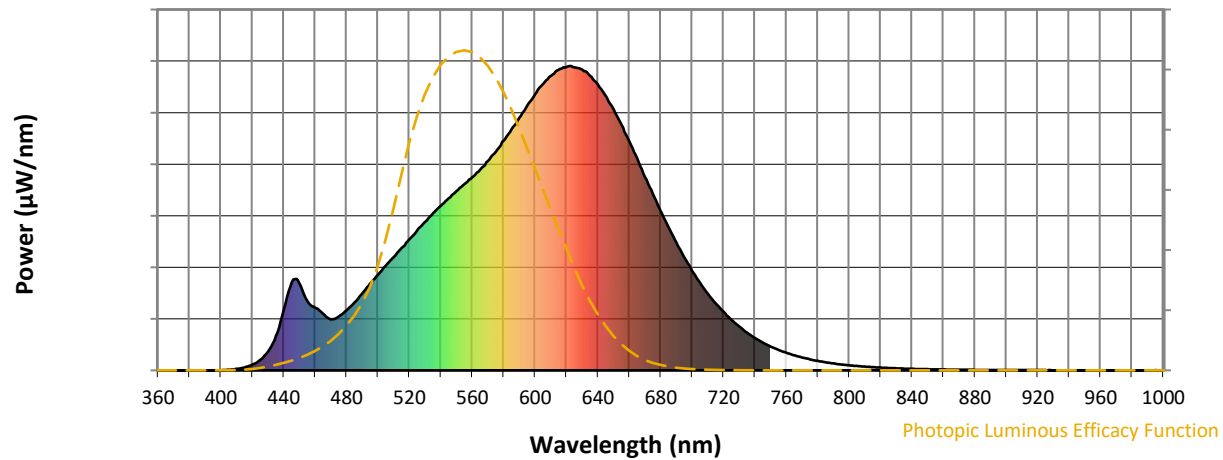
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-13

Photopic Flux vs. Wavelength

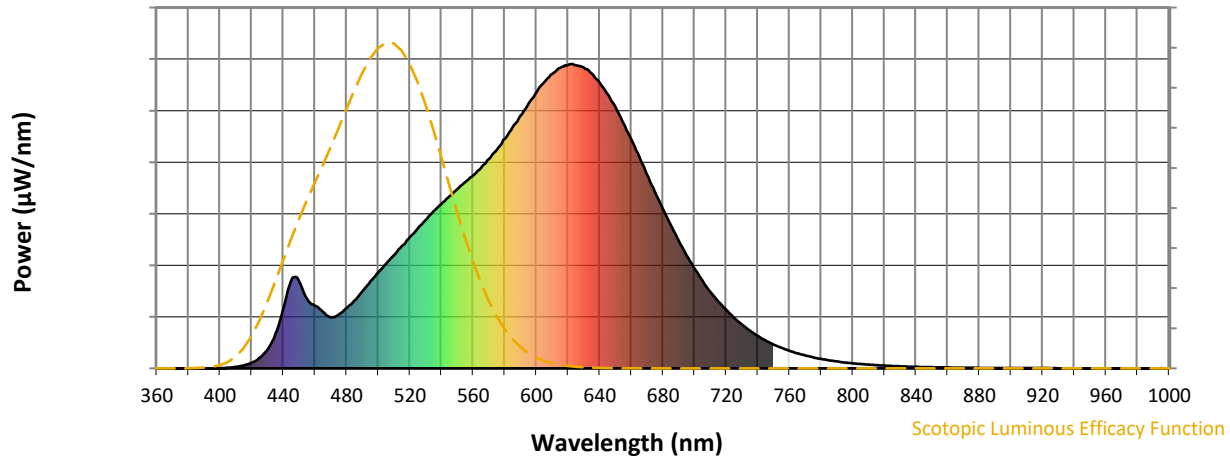


Photopic Lumens: NR

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	253	NR	620	997	NR	750	78	NR	880	2	NR
365	0	NR	495	285	NR	625	996	NR	755	67	NR	885	1	NR
370	0	NR	500	314	NR	630	989	NR	760	58	NR	890	1	NR
375	0	NR	505	343	NR	635	969	NR	765	50	NR	895	1	NR
380	0	NR	510	372	NR	640	939	NR	770	42	NR	900	1	NR
385	0	NR	515	401	NR	645	901	NR	775	36	NR	905	1	NR
390	0	NR	520	431	NR	650	858	NR	780	31	NR	910	1	NR
395	0	NR	525	459	NR	655	806	NR	785	26	NR	915	1	NR
400	0	NR	530	488	NR	660	752	NR	790	23	NR	920	1	NR
405	2	NR	535	516	NR	665	696	NR	795	19	NR	925	1	NR
410	5	NR	540	540	NR	670	636	NR	800	17	NR	930	0	NR
415	10	NR	545	566	NR	675	579	NR	805	14	NR	935	0	NR
420	19	NR	550	589	NR	680	524	NR	810	12	NR	940	0	NR
425	34	NR	555	612	NR	685	470	NR	815	11	NR	945	0	NR
430	61	NR	560	634	NR	690	421	NR	820	9	NR	950	0	NR
435	113	NR	565	660	NR	695	371	NR	825	8	NR	955	0	NR
440	198	NR	570	688	NR	700	327	NR	830	7	NR	960	0	NR
445	288	NR	575	719	NR	705	288	NR	835	6	NR	965	0	NR
450	286	NR	580	754	NR	710	251	NR	840	5	NR	970	0	NR
455	228	NR	585	791	NR	715	220	NR	845	4	NR	975	0	NR
460	207	NR	590	831	NR	720	192	NR	850	4	NR	980	0	NR
465	186	NR	595	870	NR	725	166	NR	855	3	NR	985	0	NR
470	168	NR	600	907	NR	730	144	NR	860	3	NR	990	1	NR
475	177	NR	605	940	NR	735	124	NR	865	2	NR	995	1	NR
480	198	NR	610	967	NR	740	106	NR	870	2	NR	1000	0	NR
485	223	NR	615	988	NR	745	91	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-13

Scotopic Flux vs. Wavelength



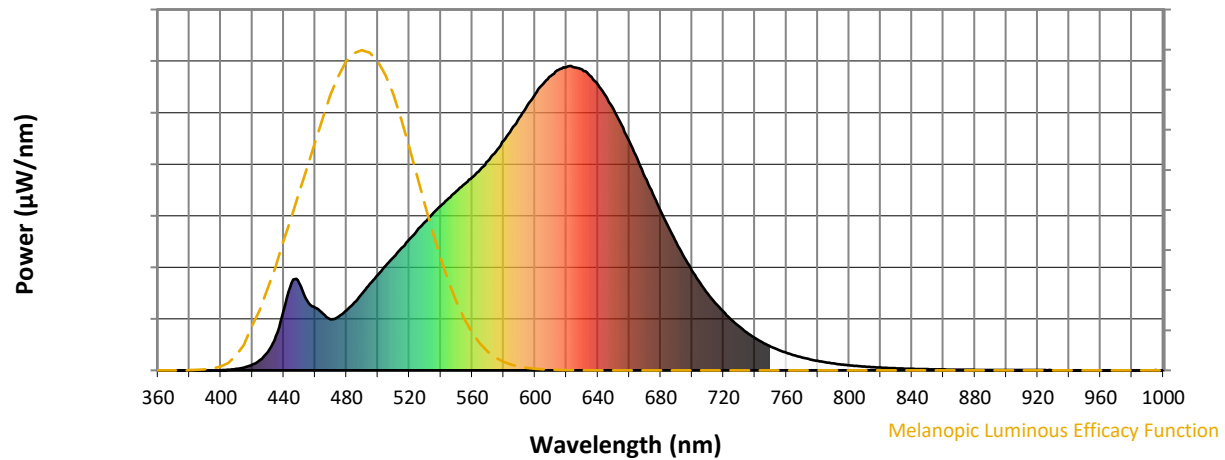
Scotopic Lumens: NR

S/P: 1.27

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	253	NR	620	997	NR	750	78	NR	880	2	NR
365	0	NR	495	285	NR	625	996	NR	755	67	NR	885	1	NR
370	0	NR	500	314	NR	630	989	NR	760	58	NR	890	1	NR
375	0	NR	505	343	NR	635	969	NR	765	50	NR	895	1	NR
380	0	NR	510	372	NR	640	939	NR	770	42	NR	900	1	NR
385	0	NR	515	401	NR	645	901	NR	775	36	NR	905	1	NR
390	0	NR	520	431	NR	650	858	NR	780	31	NR	910	1	NR
395	0	NR	525	459	NR	655	806	NR	785	26	NR	915	1	NR
400	0	NR	530	488	NR	660	752	NR	790	23	NR	920	1	NR
405	2	NR	535	516	NR	665	696	NR	795	19	NR	925	1	NR
410	5	NR	540	540	NR	670	636	NR	800	17	NR	930	0	NR
415	10	NR	545	566	NR	675	579	NR	805	14	NR	935	0	NR
420	19	NR	550	589	NR	680	524	NR	810	12	NR	940	0	NR
425	34	NR	555	612	NR	685	470	NR	815	11	NR	945	0	NR
430	61	NR	560	634	NR	690	421	NR	820	9	NR	950	0	NR
435	113	NR	565	660	NR	695	371	NR	825	8	NR	955	0	NR
440	198	NR	570	688	NR	700	327	NR	830	7	NR	960	0	NR
445	288	NR	575	719	NR	705	288	NR	835	6	NR	965	0	NR
450	286	NR	580	754	NR	710	251	NR	840	5	NR	970	0	NR
455	228	NR	585	791	NR	715	220	NR	845	4	NR	975	0	NR
460	207	NR	590	831	NR	720	192	NR	850	4	NR	980	0	NR
465	186	NR	595	870	NR	725	166	NR	855	3	NR	985	0	NR
470	168	NR	600	907	NR	730	144	NR	860	3	NR	990	1	NR
475	177	NR	605	940	NR	735	124	NR	865	2	NR	995	1	NR
480	198	NR	610	967	NR	740	106	NR	870	2	NR	1000	0	NR
485	223	NR	615	988	NR	745	91	NR	875	2	NR			

REPORT NUMBER: SP1-2407-184-13

Melanopic Flux vs. Wavelength

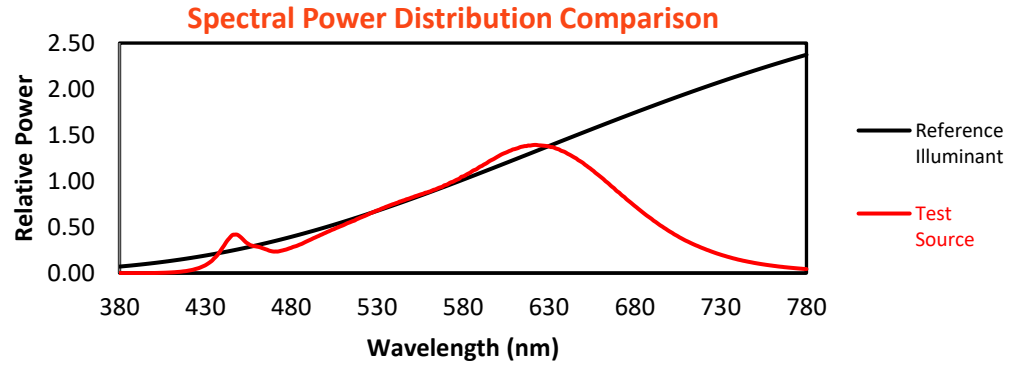
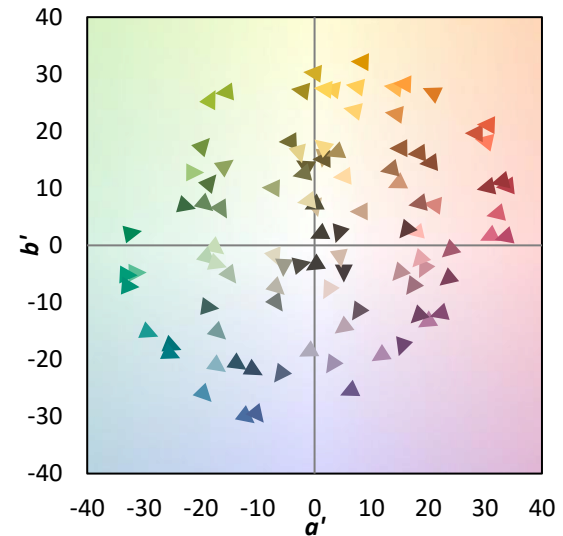
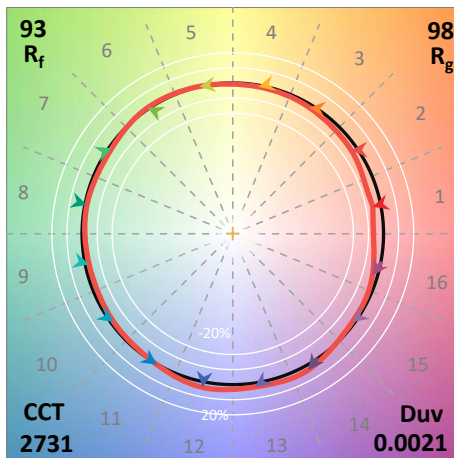
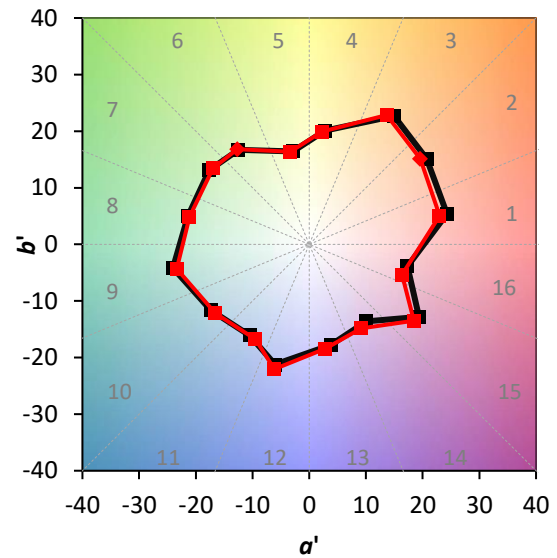
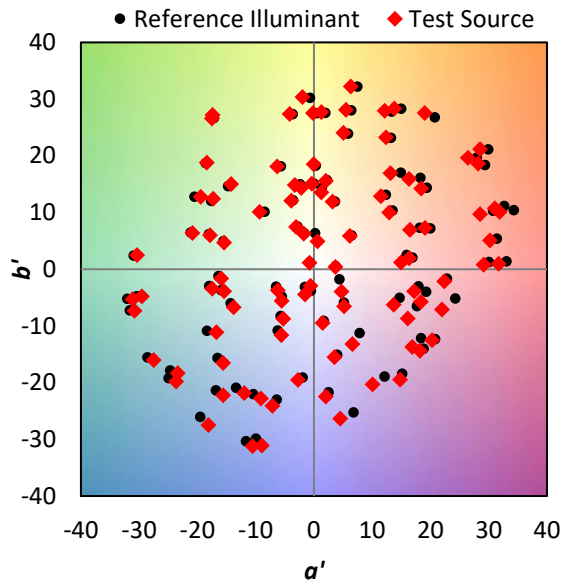


Melanopic Lumens: NR

M/P: 2.38

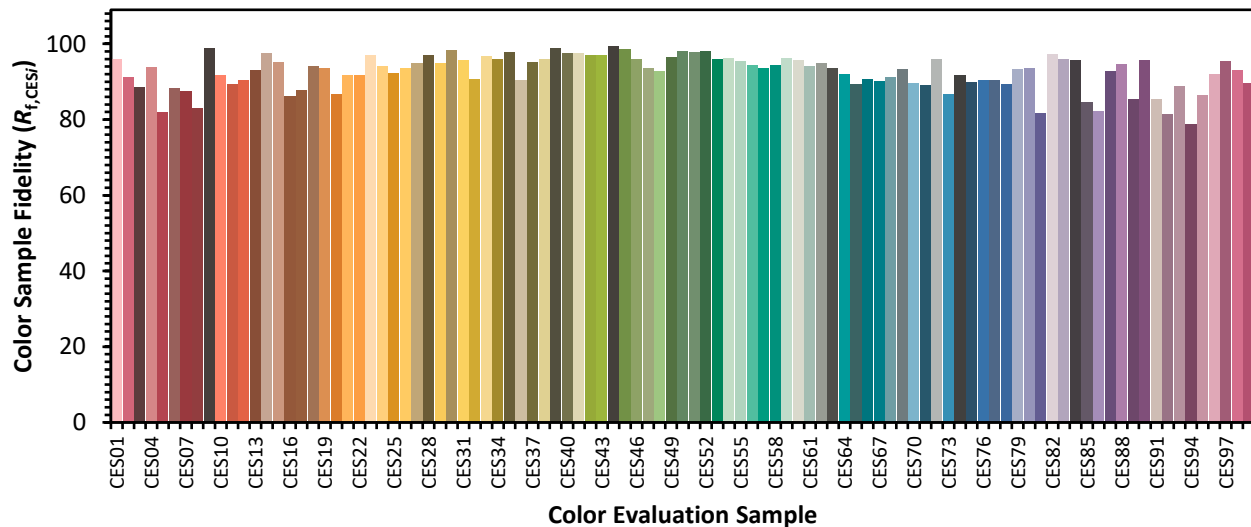
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	253	NR	620	997	NR	750	78	NR	880	2	NR
365	0	NR	495	285	NR	625	996	NR	755	67	NR	885	1	NR
370	0	NR	500	314	NR	630	989	NR	760	58	NR	890	1	NR
375	0	NR	505	343	NR	635	969	NR	765	50	NR	895	1	NR
380	0	NR	510	372	NR	640	939	NR	770	42	NR	900	1	NR
385	0	NR	515	401	NR	645	901	NR	775	36	NR	905	1	NR
390	0	NR	520	431	NR	650	858	NR	780	31	NR	910	1	NR
395	0	NR	525	459	NR	655	806	NR	785	26	NR	915	1	NR
400	0	NR	530	488	NR	660	752	NR	790	23	NR	920	1	NR
405	2	NR	535	516	NR	665	696	NR	795	19	NR	925	1	NR
410	5	NR	540	540	NR	670	636	NR	800	17	NR	930	0	NR
415	10	NR	545	566	NR	675	579	NR	805	14	NR	935	0	NR
420	19	NR	550	589	NR	680	524	NR	810	12	NR	940	0	NR
425	34	NR	555	612	NR	685	470	NR	815	11	NR	945	0	NR
430	61	NR	560	634	NR	690	421	NR	820	9	NR	950	0	NR
435	113	NR	565	660	NR	695	371	NR	825	8	NR	955	0	NR
440	198	NR	570	688	NR	700	327	NR	830	7	NR	960	0	NR
445	288	NR	575	719	NR	705	288	NR	835	6	NR	965	0	NR
450	286	NR	580	754	NR	710	251	NR	840	5	NR	970	0	NR
455	228	NR	585	791	NR	715	220	NR	845	4	NR	975	0	NR
460	207	NR	590	831	NR	720	192	NR	850	4	NR	980	0	NR
465	186	NR	595	870	NR	725	166	NR	855	3	NR	985	0	NR
470	168	NR	600	907	NR	730	144	NR	860	3	NR	990	1	NR
475	177	NR	605	940	NR	735	124	NR	865	2	NR	995	1	NR
480	198	NR	610	967	NR	740	106	NR	870	2	NR	1000	0	NR
485	223	NR	615	988	NR	745	91	NR	875	2	NR			

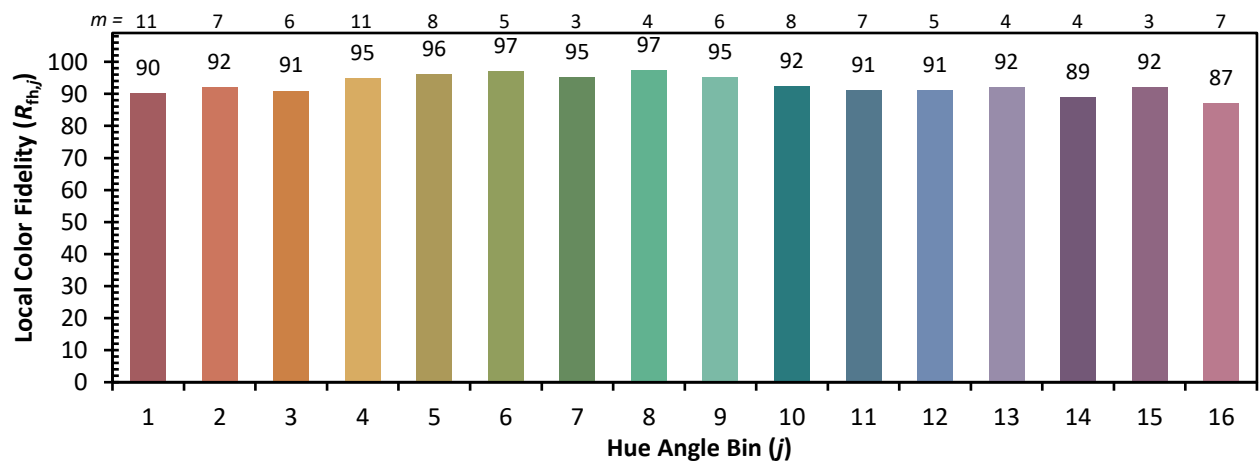
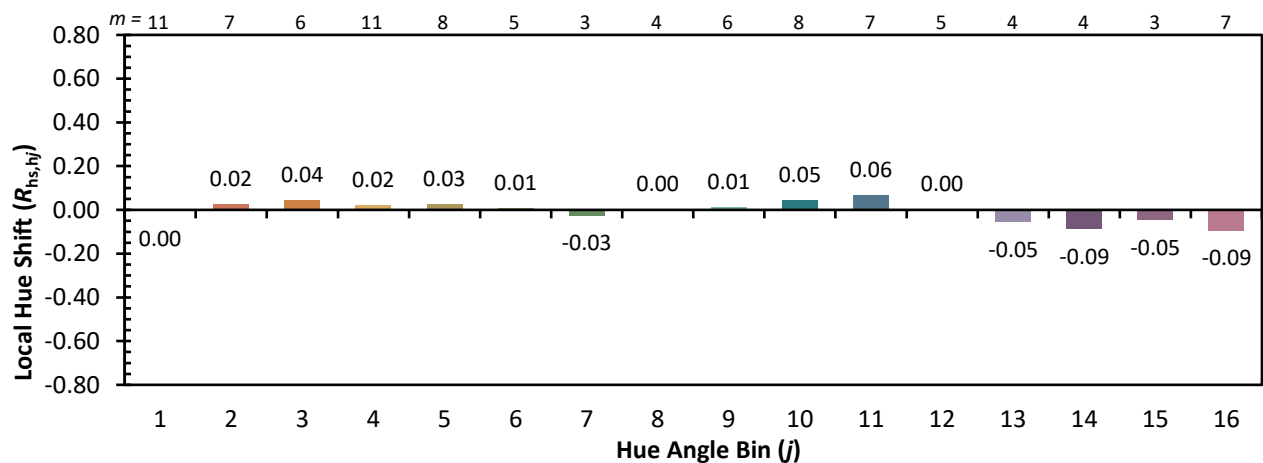
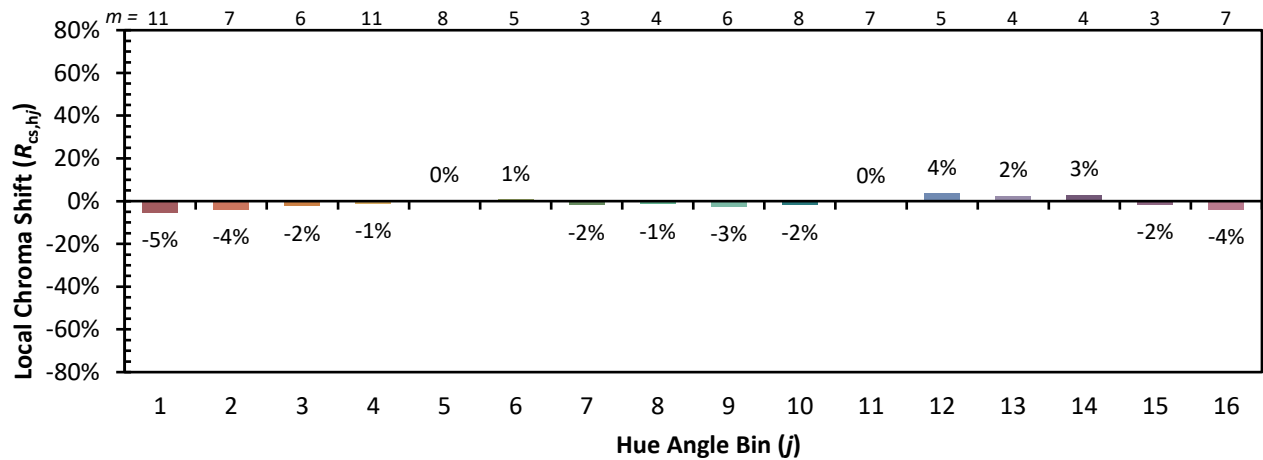
REPORT NUMBER: SP1-2407-184-13

TM-30-18
Summary
 $R_f = 92.6$
 $R_g = 98$
 $CIE\ R_a = 91.8$
 $R_9 = 54.7$

Color Vector Graphics


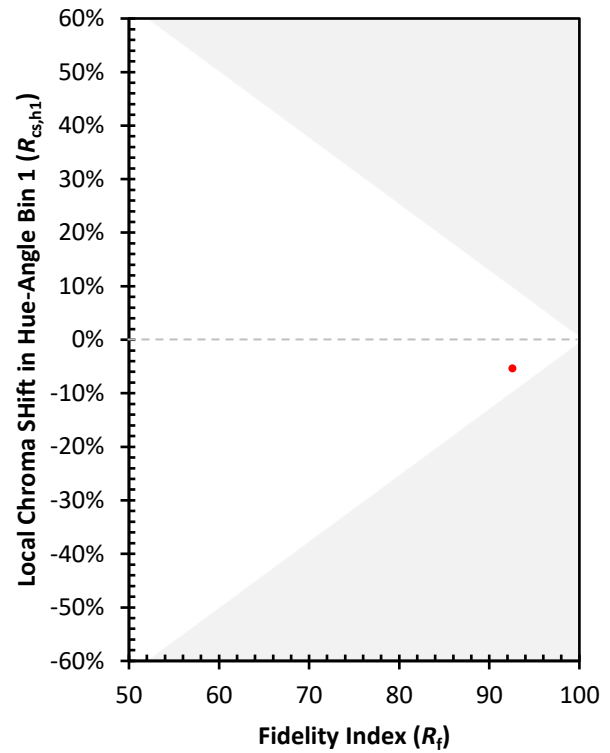
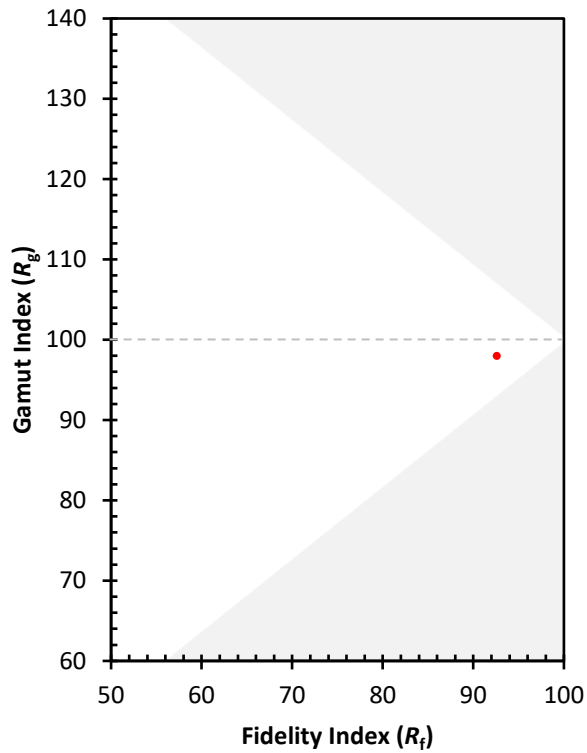
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 94	CES51 = 98	CES76 = 90
CES02 = 64	CES27 = 95	CES52 = 98	CES77 = 90
CES03 = 32	CES28 = 97	CES53 = 96	CES78 = 89
CES04 = 71	CES29 = 95	CES54 = 96	CES79 = 93
CES05 = 51	CES30 = 98	CES55 = 95	CES80 = 94
CES06 = 52	CES31 = 96	CES56 = 94	CES81 = 82
CES07 = 44	CES32 = 91	CES57 = 94	CES82 = 97
CES08 = 43	CES33 = 97	CES58 = 94	CES83 = 96
CES09 = 29	CES34 = 96	CES59 = 96	CES84 = 96
CES10 = 77	CES35 = 98	CES60 = 96	CES85 = 85
CES11 = 59	CES36 = 90	CES61 = 94	CES86 = 82
CES12 = 66	CES37 = 95	CES62 = 95	CES87 = 93
CES13 = 44	CES38 = 96	CES63 = 94	CES88 = 95
CES14 = 74	CES39 = 99	CES64 = 92	CES89 = 85
CES15 = 72	CES40 = 98	CES65 = 89	CES90 = 96
CES16 = 48	CES41 = 98	CES66 = 91	CES91 = 85
CES17 = 50	CES42 = 97	CES67 = 90	CES92 = 82
CES18 = 57	CES43 = 97	CES68 = 91	CES93 = 89
CES19 = 72	CES44 = 99	CES69 = 93	CES94 = 79
CES20 = 68	CES45 = 99	CES70 = 90	CES95 = 87
CES21 = 87	CES46 = 96	CES71 = 89	CES96 = 92
CES22 = 79	CES47 = 94	CES72 = 96	CES97 = 96
CES23 = 92	CES48 = 93	CES73 = 87	CES98 = 93
CES24 = 91	CES49 = 96	CES74 = 92	CES99 = 90
CES25 = 72	CES50 = 98	CES75 = 90	



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)