

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: P1047133

Luminaire Tested: **GALN-SA4A-730-U-T3BC**

Issue Date: 07/10/2025

Test Information

Test Method: LM-79-08
Report Number: P1047133
Test Lab: INNOVATION CENTER(G3)
Issue Date: 07/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GALN-SA4A-730-U-T3BC
Description: GALLEON II AREA AND ROADWAY LUMINAIRE 615mA 4xLight Square PACKAGE
70CRI 3000K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (56) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 14839.1 lumens
Efficiency: N/A
Efficacy: 138.2 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G3

Input Watts (W): 107.4
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

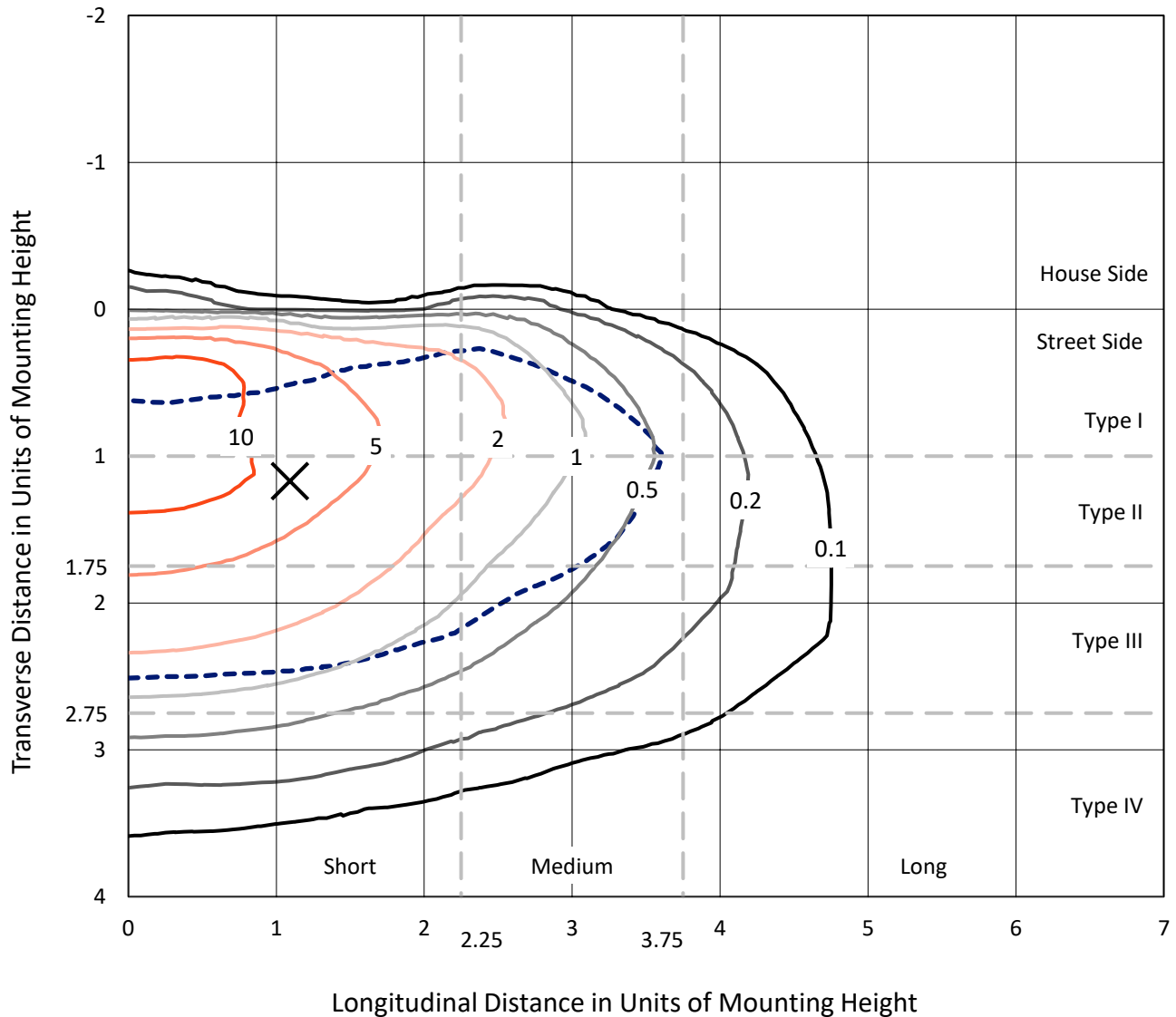


REPORT NUMBER: P1047133

CATALOG NUMBER: GALN-SA4A-730-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

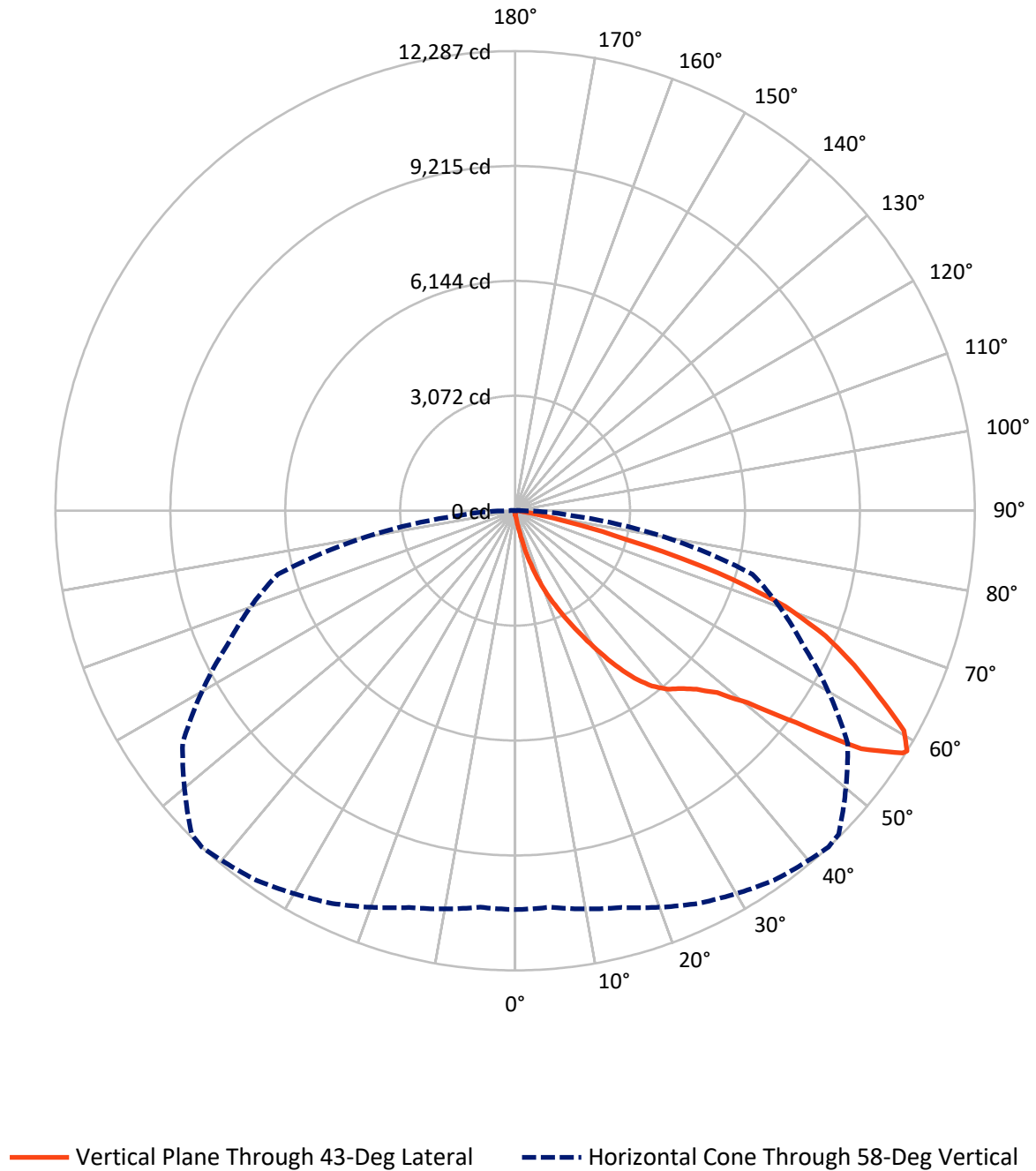


Based on 15 foot mounting height. Maximum calculated value = 16.7 fc
Type III - Short - N/A

REPORT NUMBER: P1047133

CATALOG NUMBER: GALN-SA4A-730-U-T3BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1047133

CATALOG NUMBER: GALN-SA4A-730-U-T3BC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	54.2	0.0	54.2
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	14784.9	0.0	14784.9
	% Fixture	99.6	0.0	99.6
Total	Lumens	14839.1	0.0	14839.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	14.2	0.1
10°-20°	170.6	1.1
20°-30°	614.8	4.1
30°-40°	1406.6	9.5
40°-50°	2372.5	16.0
50°-60°	3915.1	26.4
60°-70°	4375.7	29.5
70°-80°	1806.7	12.2
80°-90°	162.9	1.1
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°	14839.1	100.0
0°-180°	14839.1	100.0



REPORT NUMBER: P1047133

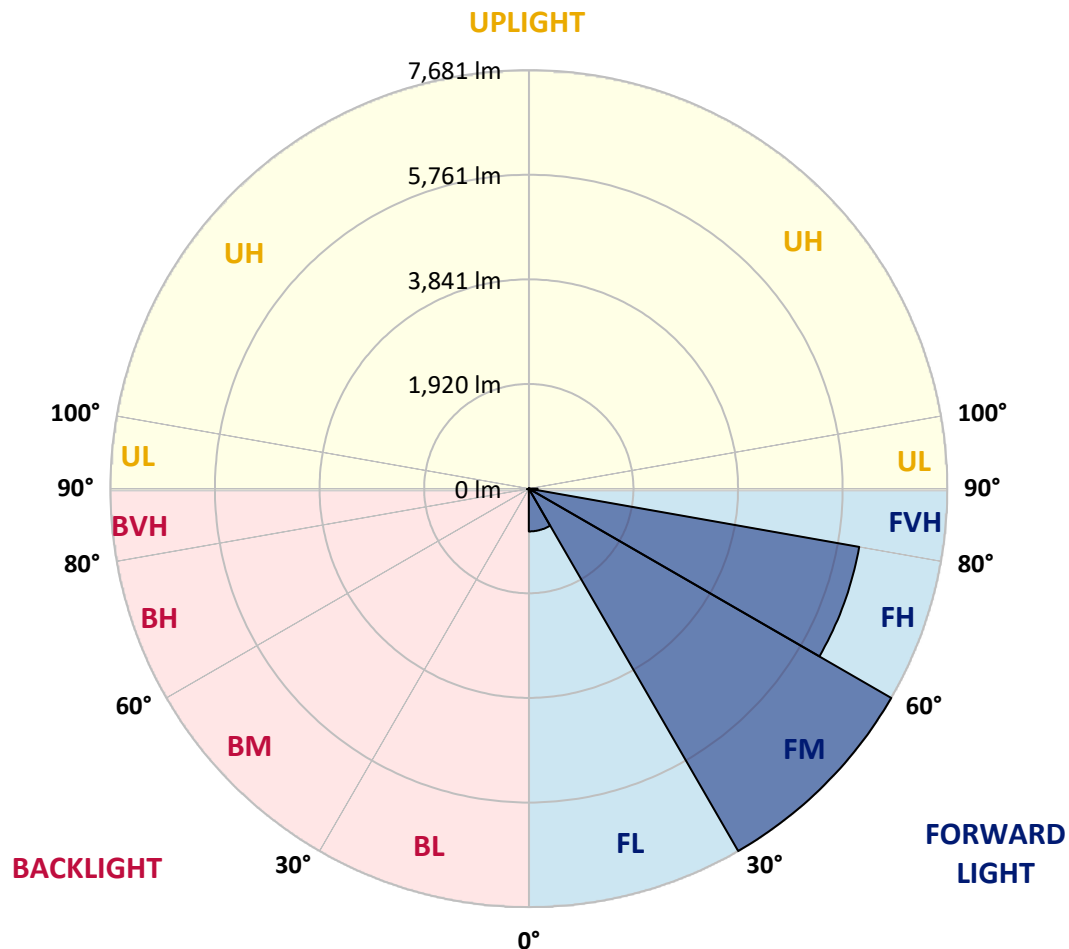
CATALOG NUMBER: GALN-SA4A-730-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	785.5	5.3			
FM	(30°-60°)	7681.3	51.8			
FH	(60°-80°)	6157.5	41.5			G3/7500
FVH	(80°-90°)	160.6	1.1			G2/225
BL	(0°-30°)	14.1	0.1	B0/110		
BM	(30°-60°)	13.0	0.1	B0/220		
BH	(60°-80°)	24.8	0.2	B0/110		G0/110
BVH	(80°-90°)	2.2	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-G3

Type III Short



REPORT NUMBER: P1047133

CATALOG NUMBER: GALN-SA4A-730-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	43°	45°	55°	65°	75°	85°
0°	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
2.5°	116.4	120.3	116.4	116.4	116.4	112.5	112.5	108.7	108.7	104.8	100.9
5°	170.8	170.8	159.1	151.4	143.6	139.7	135.8	128.1	120.3	112.5	104.8
7.5°	380.3	380.3	345.4	298.8	236.7	201.8	194.1	159.1	135.8	120.3	104.8
10°	908.2	908.2	830.5	702.5	543.3	403.6	360.9	229.0	163.0	128.1	108.7
12.5°	1509.7	1529.1	1432.1	1269.1	1032.4	787.8	702.5	419.2	217.3	139.7	108.7
15°	2049.2	2002.6	1975.4	1820.2	1595.1	1304.0	1195.4	706.3	314.4	159.1	108.7
17.5°	2414.0	2414.0	2375.2	2270.4	2064.7	1808.6	1719.3	1141.0	508.4	182.4	112.5
20°	2840.9	2840.9	2771.1	2697.3	2514.9	2297.6	2212.2	1622.3	787.8	232.9	112.5
22.5°	3357.1	3364.9	3287.2	3155.3	2980.6	2740.0	2666.3	2068.6	1141.0	310.5	116.4
25°	3985.8	3993.6	3881.0	3756.8	3489.0	3229.0	3116.5	2580.9	1571.8	434.7	116.4
27.5°	4680.5	4734.9	4568.0	4354.5	4071.2	3745.2	3659.8	3042.7	1998.7	613.2	124.2
30°	5546.0	5546.0	5324.8	5025.9	4719.3	4315.7	4207.0	3527.9	2452.8	849.9	132.0
32.5°	6291.1	6232.9	5949.6	5635.3	5309.2	4932.8	4816.4	4036.3	2918.5	1144.9	147.5
35°	6861.7	6811.2	6461.9	6124.3	5840.9	5495.5	5355.8	4587.4	3411.4	1478.7	170.8
37.5°	7350.7	7331.3	6857.8	6434.7	6248.5	5945.7	5821.5	5107.4	3896.6	1839.6	197.9
40°	7886.2	7824.2	7319.6	6795.7	6516.2	6271.7	6159.2	5526.6	4362.3	2262.6	236.7
42.5°	8344.2	8270.5	7816.4	7304.1	6826.7	6496.8	6388.2	5879.8	4816.4	2685.7	287.2
45°	8852.6	8813.8	8355.9	7967.7	7331.3	6803.4	6659.8	6163.1	5231.6	3190.2	353.2
47.5°	9617.2	9547.3	9120.4	8802.2	8064.8	7269.2	7063.5	6454.1	5631.4	3687.0	454.1
50°	10505.9	10459.4	10207.1	9954.8	9221.3	8064.8	7820.3	6873.3	6077.7	4276.9	586.0
52.5°	11231.7	11223.9	11255.0	11258.9	10703.9	9403.7	9038.9	7548.6	6590.0	4859.0	772.3
55°	11216.2	11251.1	11592.6	11984.6	12027.3	11231.7	10878.5	8685.7	7257.5	5577.0	1032.4
57.5°	10797.0	10769.8	11130.8	11720.7	12136.0	12221.4	12163.1	10451.6	8262.7	6442.5	1432.1
58°	10661.2	10637.9	10979.4	11581.0	12058.4	12287.3	12229.1	10851.4	8487.8	6566.7	1540.8
60°	10168.3	10172.2	10374.0	10921.2	11398.6	11941.9	11996.3	11992.4	9609.4	7397.2	2088.0
62.5°	9516.3	9485.2	9671.5	10117.8	10537.0	10901.8	10994.9	12070.0	11251.1	8452.9	3132.0
65°	8615.9	8569.3	8767.2	9271.8	9722.0	9958.7	9962.6	11029.9	12023.4	9586.1	4622.3
67.5°	6943.2	6904.3	7300.2	7948.3	8643.0	8953.5	9093.2	9570.6	11371.4	10354.6	5476.1
70°	4253.6	4335.1	4886.2	5903.0	7090.6	7661.1	7870.7	8018.2	9683.2	10238.1	4579.6
72.5°	1963.8	1866.8	2336.4	3046.6	4401.1	5670.2	5887.5	6465.8	7676.7	8887.6	3415.3
75°	915.9	881.0	989.7	1331.2	1994.8	3062.1	3458.0	5161.8	5887.5	6182.5	2464.5
77.5°	469.6	473.5	562.7	605.4	822.8	1416.6	1626.2	3395.9	4315.7	3450.2	1653.3
80°	205.7	213.5	217.3	236.7	333.8	547.2	617.1	1575.7	2949.6	1758.1	904.3
82.5°	132.0	135.8	135.8	135.8	159.1	217.3	248.4	632.6	1470.9	873.2	279.4
85°	69.9	69.9	77.6	97.0	112.5	132.0	139.7	201.8	485.1	260.0	66.0
87.5°	38.8	42.7	46.6	58.2	73.7	89.3	97.0	139.7	186.3	178.5	15.5
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: P1047133

CATALOG NUMBER: GALN-SA4A-730-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
2.5°	100.9	97.0	93.1	89.3	85.4	81.5	81.5	81.5	81.5	81.5	81.5
5°	97.0	93.1	89.3	81.5	73.7	69.9	66.0	62.1	62.1	62.1	62.1
7.5°	97.0	93.1	81.5	73.7	66.0	58.2	50.5	50.5	50.5	50.5	50.5
10°	97.0	89.3	77.6	66.0	54.3	46.6	42.7	38.8	38.8	38.8	38.8
12.5°	97.0	85.4	73.7	58.2	46.6	38.8	34.9	31.0	31.0	31.0	31.0
15°	97.0	85.4	69.9	54.3	42.7	31.0	27.2	23.3	23.3	23.3	23.3
17.5°	93.1	81.5	66.0	46.6	34.9	23.3	19.4	15.5	15.5	19.4	19.4
20°	89.3	77.6	58.2	38.8	27.2	19.4	11.6	11.6	11.6	11.6	11.6
22.5°	89.3	77.6	54.3	34.9	23.3	11.6	7.8	7.8	7.8	7.8	11.6
25°	89.3	73.7	46.6	27.2	15.5	7.8	3.9	3.9	3.9	3.9	3.9
27.5°	89.3	73.7	42.7	23.3	11.6	7.8	3.9	0.0	0.0	0.0	0.0
30°	85.4	69.9	38.8	19.4	7.8	3.9	0.0	0.0	0.0	0.0	0.0
32.5°	85.4	66.0	31.0	15.5	7.8	3.9	0.0	0.0	0.0	0.0	0.0
35°	89.3	62.1	27.2	11.6	3.9	0.0	0.0	0.0	0.0	0.0	3.9
37.5°	93.1	58.2	23.3	7.8	3.9	0.0	0.0	0.0	0.0	0.0	0.0
40°	97.0	54.3	23.3	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	104.8	54.3	19.4	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	112.5	54.3	15.5	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	128.1	58.2	15.5	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	139.7	62.1	11.6	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	155.2	58.2	11.6	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	174.6	58.2	11.6	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	190.2	54.3	11.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
58°	197.9	50.5	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	236.7	46.6	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	368.7	38.8	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	749.0	34.9	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1397.2	31.0	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1564.1	34.9	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	985.8	27.2	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	520.1	27.2	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	260.0	27.2	3.9	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	120.3	19.4	3.9	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	50.5	11.6	7.8	3.9	3.9	0.0	0.0	0.0	0.0	0.0	0.0
85°	23.3	11.6	7.8	7.8	3.9	3.9	0.0	0.0	0.0	0.0	0.0
87.5°	11.6	11.6	11.6	7.8	7.8	3.9	3.9	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: SP1-2407-184-4

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-730-U-5WQ

Data in this report applies to families of products including GSS-SB1A-730-U-5WQ

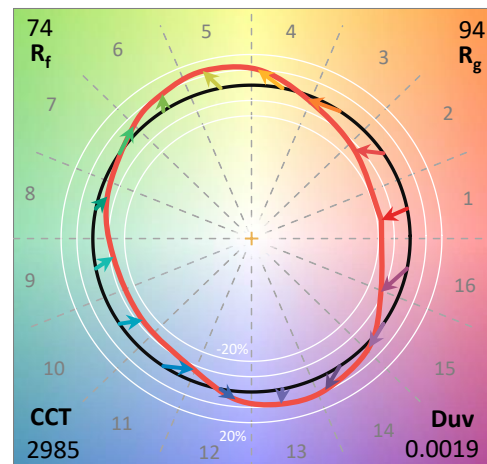
Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-4
 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-730-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 3000K CCT 26 LEDS

Spectral Parameters

CCT (K): 2985
 CIE u' : 0.2504
 CIE v' : 0.5243
 Duv: 0.0019
 CIE x: 0.4408
 CIE y: 0.4101
 CIE z: 0.1491
 Peak Wavelength (nm): 595
 Dominant Wavelength (nm): 582
 Purity: 55.41818
 R_f: 73.8
 R_g: 94.4

CRI (Ra): 70.8
 R1: 66.3
 R2: 80.6
 R3: 94.5
 R4: 68.2
 R5: 66.5
 R6: 74.7
 R7: 76.2
 R8: 39.6
 R9: -43.2
 R10: 57.6
 R11: 64.8
 R12: 53.5
 R13: 68.7
 R14: 97.0
 R15: 56.4



Test Conditions

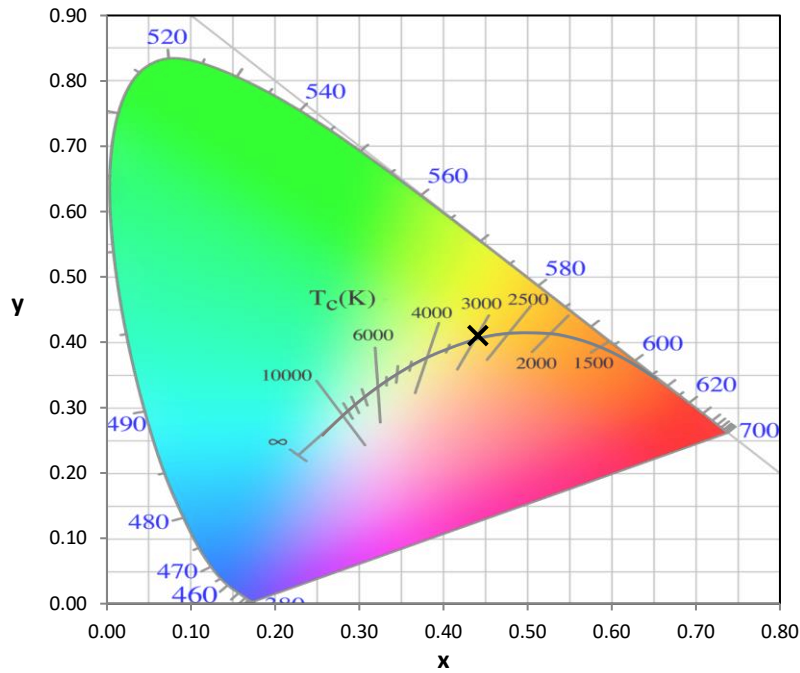
Stabilization Time: 36M
 Operation Time: 1H 36M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-4

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: SP1-2407-184-4

CIE 1931 Chromaticity Diagram



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



REPORT NUMBER: SP1-2407-184-4

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-4

Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.19

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

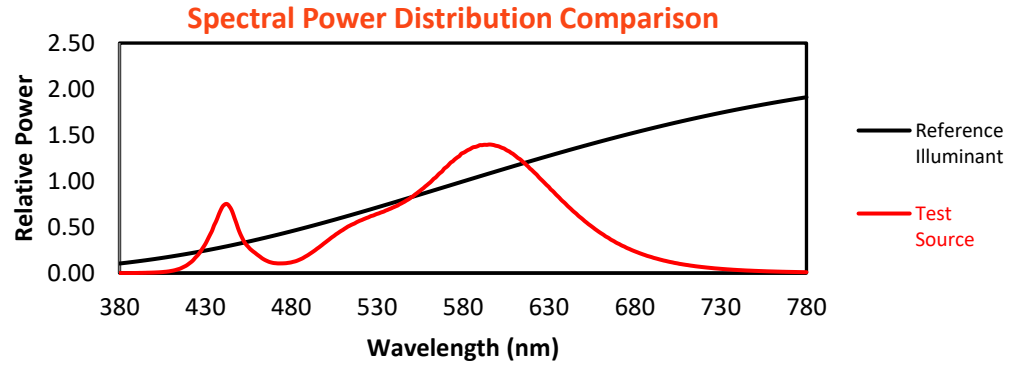
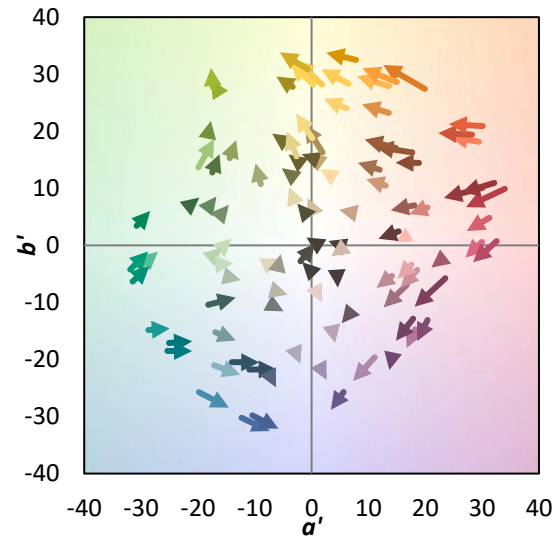
REPORT NUMBER: SP1-2407-184-4

Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.13

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	142	NR	620	803	NR	750	17	NR	880	0	NR
365	0	NR	495	189	NR	625	734	NR	755	15	NR	885	0	NR
370	0	NR	500	240	NR	630	670	NR	760	13	NR	890	0	NR
375	0	NR	505	290	NR	635	600	NR	765	11	NR	895	0	NR
380	0	NR	510	335	NR	640	535	NR	770	9	NR	900	0	NR
385	0	NR	515	375	NR	645	473	NR	775	8	NR	905	0	NR
390	1	NR	520	408	NR	650	415	NR	780	7	NR	910	0	NR
395	2	NR	525	434	NR	655	362	NR	785	6	NR	915	0	NR
400	4	NR	530	461	NR	660	313	NR	790	5	NR	920	0	NR
405	8	NR	535	486	NR	665	271	NR	795	4	NR	925	0	NR
410	16	NR	540	514	NR	670	231	NR	800	4	NR	930	0	NR
415	33	NR	545	549	NR	675	198	NR	805	3	NR	935	0	NR
420	69	NR	550	591	NR	680	169	NR	810	3	NR	940	0	NR
425	131	NR	555	640	NR	685	144	NR	815	2	NR	945	0	NR
430	227	NR	560	695	NR	690	123	NR	820	2	NR	950	0	NR
435	369	NR	565	757	NR	695	104	NR	825	2	NR	955	0	NR
440	517	NR	570	822	NR	700	88	NR	830	2	NR	960	0	NR
445	498	NR	575	882	NR	705	75	NR	835	1	NR	965	0	NR
450	315	NR	580	935	NR	710	63	NR	840	1	NR	970	0	NR
455	204	NR	585	972	NR	715	54	NR	845	1	NR	975	0	NR
460	145	NR	590	996	NR	720	46	NR	850	1	NR	980	0	NR
465	100	NR	595	1000	NR	725	39	NR	855	1	NR	985	0	NR
470	78	NR	600	989	NR	730	33	NR	860	1	NR	990	0	NR
475	76	NR	605	960	NR	735	28	NR	865	1	NR	995	0	NR
480	83	NR	610	918	NR	740	24	NR	870	1	NR	1000	0	NR
485	105	NR	615	864	NR	745	20	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-4

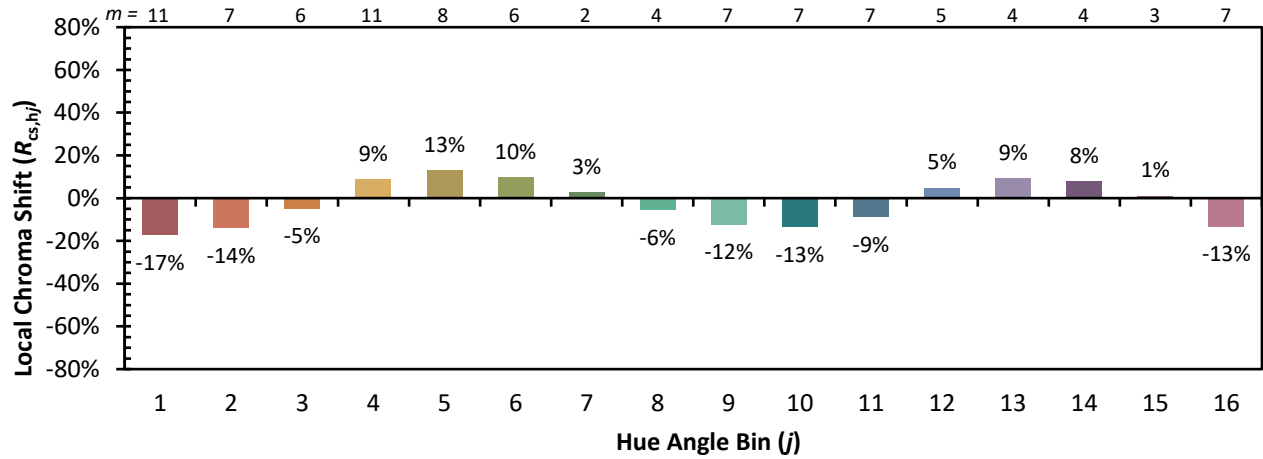
TM-30-18
Summary
 $R_f = 73.8$
 $R_g = 94.4$
 CIE $R_a = 70.8$
 $R_g = -43.2$

Color Vector Graphics


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

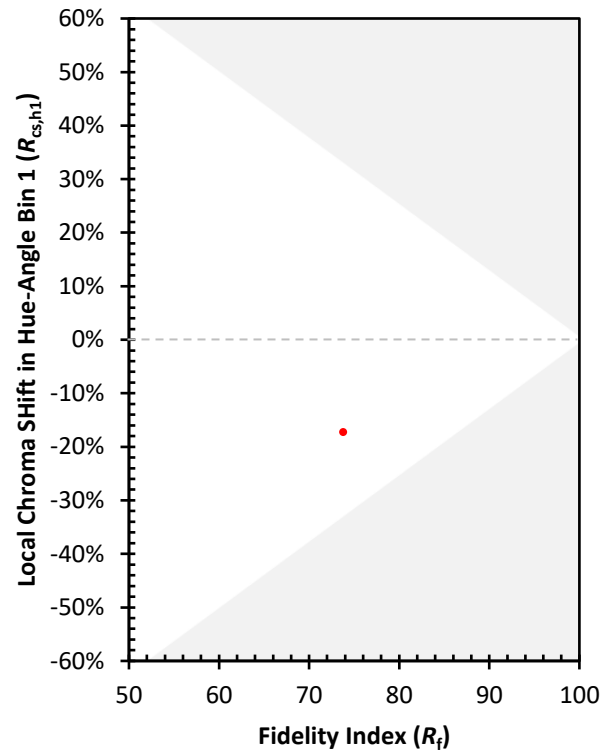
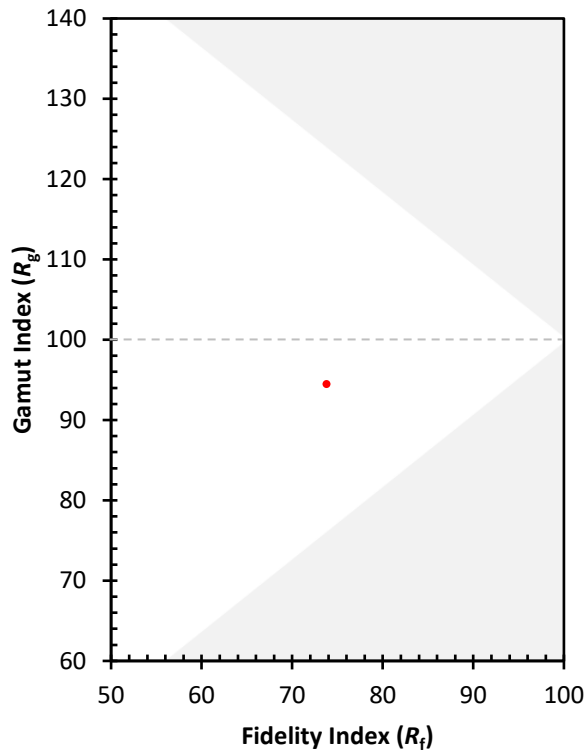
CES01 = 86	CES26 = 63	CES51 = 86	CES76 = 61
CES02 = 62	CES27 = 83	CES52 = 86	CES77 = 81
CES03 = 31	CES28 = 86	CES53 = 75	CES78 = 64
CES04 = 71	CES29 = 58	CES54 = 81	CES79 = 86
CES05 = 49	CES30 = 61	CES55 = 80	CES80 = 86
CES06 = 51	CES31 = 63	CES56 = 71	CES81 = 70
CES07 = 41	CES32 = 61	CES57 = 69	CES82 = 94
CES08 = 40	CES33 = 65	CES58 = 72	CES83 = 88
CES09 = 29	CES34 = 77	CES59 = 85	CES84 = 90
CES10 = 76	CES35 = 88	CES60 = 93	CES85 = 80
CES11 = 59	CES36 = 89	CES61 = 86	CES86 = 60
CES12 = 65	CES37 = 85	CES62 = 81	CES87 = 78
CES13 = 43	CES38 = 69	CES63 = 73	CES88 = 75
CES14 = 74	CES39 = 93	CES64 = 72	CES89 = 66
CES15 = 71	CES40 = 89	CES65 = 67	CES90 = 72
CES16 = 47	CES41 = 83	CES66 = 70	CES91 = 95
CES17 = 50	CES42 = 87	CES67 = 68	CES92 = 59
CES18 = 56	CES43 = 77	CES68 = 73	CES93 = 76
CES19 = 73	CES44 = 99	CES69 = 83	CES94 = 48
CES20 = 66	CES45 = 83	CES70 = 66	CES95 = 70
CES21 = 87	CES46 = 77	CES71 = 66	CES96 = 76
CES22 = 79	CES47 = 74	CES72 = 88	CES97 = 82
CES23 = 92	CES48 = 62	CES73 = 59	CES98 = 73
CES24 = 91	CES49 = 77	CES74 = 93	CES99 = 60
CES25 = 73	CES50 = 85	CES75 = 67	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)