

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: LUMARK

Report Number: P1067007

Luminaire Tested: **NAV-SA1C-735-U-T3BC**

Issue Date: 08/07/2025

Test Information

Test Method: LM-79-08
Report Number: P1067007
Test Lab: INNOVATION CENTER(G3)
Issue Date: 08/07/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: LUMARK
Catalog Number: NAV-SA1C-735-U-T3BC
Description: Navion AREA AND ROADWAY LUMINAIRE 1050mA 1xLight Square PACKAGE
70CRI 3500K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source: (14) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5579.1 lumens
Efficiency: N/A
Efficacy: 111.4 lumens/watt
Luminous Opening: Rectangular (W 0.5' x L: 0.5' x H: 0')
IES Classification: Type III - Short
BUG Rating: B0 - U0 - G2

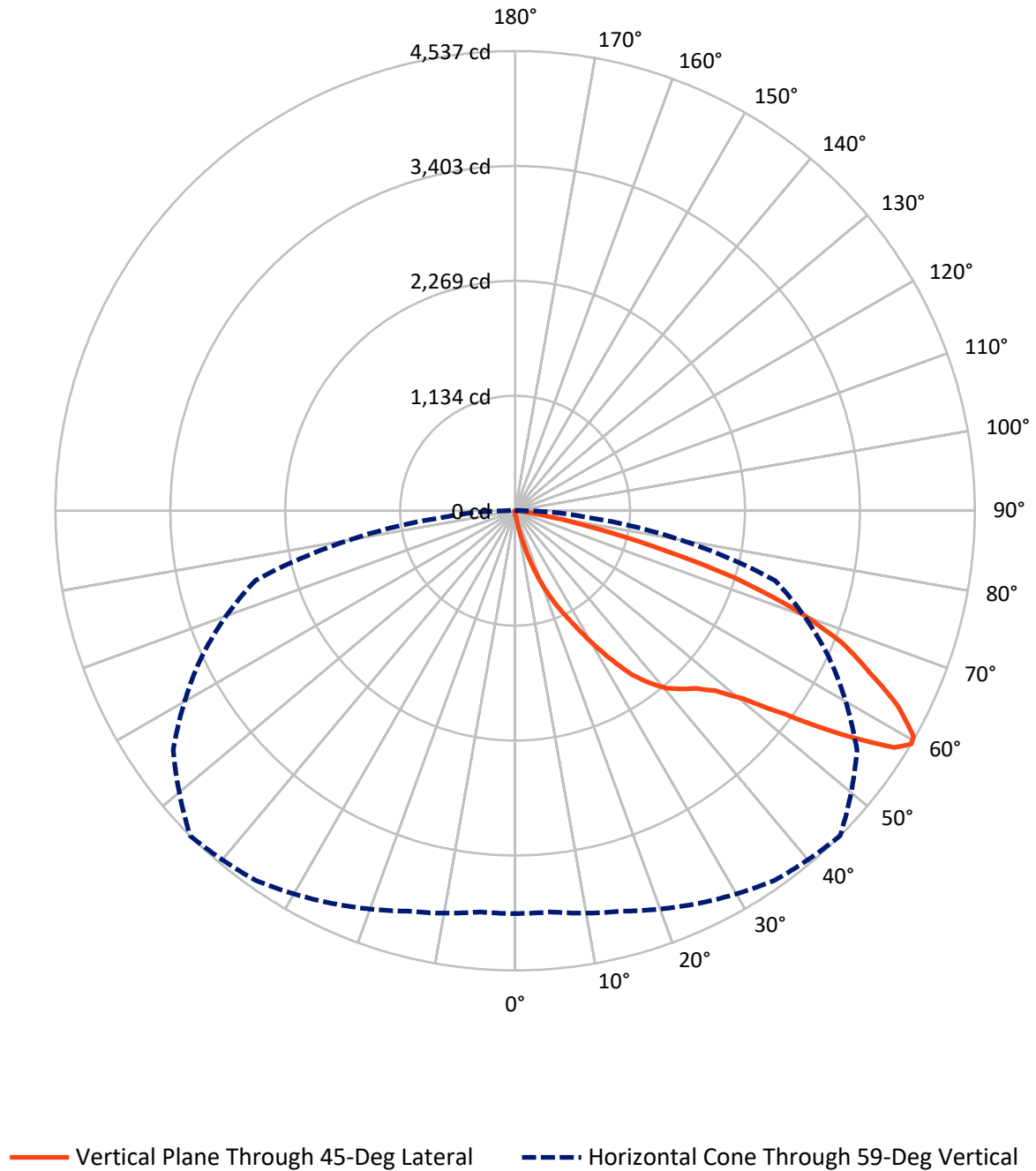
Input Watts (W): 50.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P1067007

CATALOG NUMBER: NAV-SA1C-735-U-T3BC

Luminous Intensity Polar Plot



REPORT NUMBER: P1067007

CATALOG NUMBER: NAV-SA1C-735-U-T3BC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	19.8	0.0	19.8
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	5559.3	0.0	5559.3
	% Fixture	99.6	0.0	99.6
Total	Lumens	5579.1	0.0	5579.1
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5.2	0.1
10°-20°	61.7	1.1
20°-30°	221.6	4.0
30°-40°	514.9	9.2
40°-50°	877.6	15.7
50°-60°	1446.0	25.9
60°-70°	1671.9	30.0
70°-80°	718.3	12.9
80°-90°	62.1	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°	5579.1	100.0
0°-180°	5579.1	100.0



REPORT NUMBER: P1067007

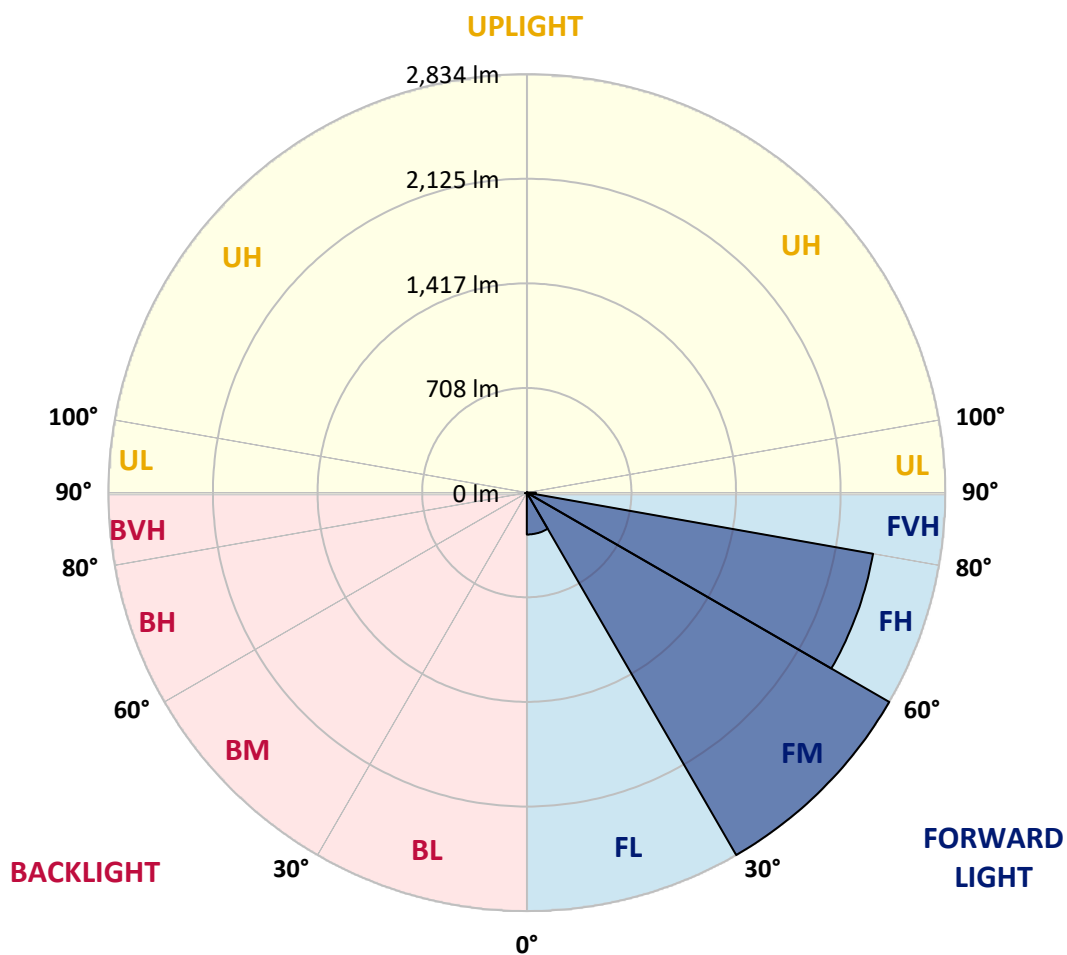
CATALOG NUMBER: NAV-SA1C-735-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	283.5	5.1			
FM	(30°-60°)	2833.6	50.8			
FH	(60°-80°)	2380.9	42.7			G2/5000
FVH	(80°-90°)	61.3	1.1			G1/100
BL	(0°-30°)	4.9	0.1	B0/110		
BM	(30°-60°)	4.8	0.1	B0/220		
BH	(60°-80°)	9.3	0.2	B0/110		G0/110
BVH	(80°-90°)	0.8	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-G2

Type III Short



REPORT NUMBER: P1067007

CATALOG NUMBER: NAV-SA1C-735-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	44°	45°	55°	65°	75°	85°
0°	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
2.5°	45.8	45.8	44.6	43.1	42.8	41.6	41.6	40.5	39.0	37.9	36.4
5°	66.4	66.0	63.0	59.3	54.4	51.4	51.4	47.3	43.5	40.1	37.1
7.5°	145.2	141.8	130.9	112.9	89.3	73.5	72.4	58.9	49.9	43.1	37.5
10°	333.1	321.5	306.1	263.0	194.3	135.8	133.2	85.9	59.6	46.5	38.3
12.5°	545.8	555.2	524.4	456.5	376.3	279.9	261.1	144.8	78.8	51.0	39.0
15°	739.4	737.1	719.9	664.4	571.7	443.4	431.8	251.7	112.9	58.1	39.8
17.5°	884.2	881.6	865.1	829.4	758.2	629.9	619.7	401.4	177.1	68.3	40.5
20°	1036.9	1033.5	1010.2	981.7	919.5	810.3	798.3	568.7	277.2	84.8	40.5
22.5°	1220.0	1213.6	1188.8	1140.4	1074.8	979.9	969.0	739.8	401.4	111.8	42.4
25°	1441.3	1430.4	1396.3	1352.8	1273.6	1147.6	1135.9	930.3	551.1	152.7	44.3
27.5°	1693.8	1695.6	1649.5	1576.0	1469.8	1341.1	1319.4	1101.0	706.0	211.2	46.5
30°	1993.5	1974.7	1909.8	1824.3	1721.1	1557.2	1536.2	1271.0	880.1	297.5	50.3
32.5°	2274.1	2253.8	2166.4	2058.8	1948.1	1775.2	1757.9	1461.9	1038.4	399.5	57.0
35°	2514.9	2500.7	2378.4	2247.1	2148.8	1994.2	1989.0	1675.0	1224.5	509.4	64.5
37.5°	2726.9	2701.0	2543.8	2407.6	2307.9	2169.4	2158.2	1870.1	1403.8	637.0	75.8
40°	2907.7	2893.4	2701.8	2522.8	2441.8	2318.0	2303.7	2041.1	1589.1	785.2	89.7
42.5°	3101.3	3082.5	2896.4	2695.8	2546.4	2414.0	2404.6	2182.2	1754.2	948.0	110.3
45°	3320.0	3285.1	3121.9	2941.8	2714.9	2513.4	2502.9	2307.9	1923.3	1122.8	135.4
47.5°	3553.7	3523.3	3391.3	3264.8	3003.7	2677.4	2654.9	2414.8	2091.4	1324.6	167.3
50°	3791.5	3792.3	3693.2	3632.5	3356.7	2943.7	2911.8	2572.0	2268.1	1540.7	214.6
52.5°	4068.4	4075.5	4074.0	4029.0	3815.2	3379.3	3336.5	2810.5	2473.3	1792.8	279.9
55°	4184.3	4197.1	4280.0	4379.8	4321.6	3931.5	3885.7	3222.1	2745.3	2073.8	376.6
57.5°	4089.4	4103.6	4218.1	4392.9	4526.4	4415.0	4409.8	3757.8	3103.5	2414.4	534.9
59°	3976.5	3974.6	4092.0	4277.3	4457.4	4529.8	4537.3	4120.2	3415.6	2653.4	671.5
60°	3901.4	3902.9	3981.0	4171.2	4362.5	4488.2	4517.4	4333.6	3598.0	2825.2	788.5
62.5°	3611.8	3629.1	3691.0	3867.7	4049.3	4189.6	4239.4	4523.8	4119.8	3231.1	1195.6
65°	3297.1	3298.2	3386.4	3537.6	3711.6	3810.3	3841.8	4227.8	4468.3	3644.5	1729.4
67.5°	2735.5	2758.4	2858.6	3103.5	3333.5	3458.4	3482.4	3680.1	4323.9	3913.8	1996.9
70°	1914.3	1944.3	2087.3	2405.0	2747.5	2952.7	2951.2	3059.3	3805.4	3793.8	1693.0
72.5°	955.9	1007.6	1124.3	1464.5	1879.4	2201.7	2269.6	2460.9	3057.0	3151.2	1263.1
75°	422.4	425.4	491.8	663.2	934.1	1343.4	1404.1	1953.3	2345.4	2190.1	912.3
77.5°	245.7	248.0	260.0	297.9	378.5	658.4	726.6	1281.1	1657.4	1272.8	595.0
80°	89.3	91.5	91.2	112.9	165.8	259.2	288.9	620.9	1105.5	670.4	311.7
82.5°	54.8	54.8	52.9	53.3	60.4	99.4	108.8	264.5	538.3	330.1	89.3
85°	27.0	28.5	30.4	34.1	40.5	49.1	52.1	75.8	181.2	79.9	21.4
87.5°	16.1	16.5	18.0	21.8	27.0	35.3	37.5	51.4	64.9	53.6	5.3
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: P1067007

CATALOG NUMBER: NAV-SA1C-735-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
2.5°	35.6	35.3	33.4	31.9	30.4	28.9	27.8	26.6	26.6	27.0	26.6
5°	35.6	34.1	31.1	28.5	26.3	24.4	22.5	21.0	20.6	20.6	21.0
7.5°	35.3	33.4	29.3	25.9	22.9	20.3	18.4	16.5	16.1	16.5	16.1
10°	34.9	32.6	27.8	23.6	19.5	16.9	14.3	12.4	12.4	12.4	12.8
12.5°	34.9	31.5	26.3	21.4	16.9	13.9	11.3	9.4	9.0	9.0	9.0
15°	34.5	30.8	24.8	18.8	14.3	10.5	8.3	6.4	6.4	6.4	6.4
17.5°	33.8	29.6	22.9	16.5	11.3	7.9	5.6	3.8	3.8	4.5	4.5
20°	33.0	28.5	20.6	13.5	9.4	6.0	3.8	2.3	2.3	3.4	3.8
22.5°	33.4	28.5	19.1	12.0	7.5	4.5	3.0	1.9	1.5	2.6	3.4
25°	33.8	27.8	17.3	10.5	5.6	3.4	2.3	0.8	0.4	0.8	1.1
27.5°	33.8	27.0	15.0	8.3	4.1	2.6	1.1	0.0	0.0	0.0	0.0
30°	33.4	25.9	13.1	6.8	3.0	1.5	0.4	0.0	0.0	0.0	0.0
32.5°	33.0	24.8	12.0	5.3	2.6	0.8	0.0	0.0	0.0	0.0	0.0
35°	33.4	23.3	10.5	4.1	1.5	0.0	0.0	0.0	0.0	0.0	0.8
37.5°	34.5	21.8	9.0	3.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0
40°	36.0	20.6	7.5	2.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	39.0	20.6	6.8	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	42.8	20.6	5.6	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	47.6	21.0	4.9	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	53.6	21.8	4.5	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	58.1	21.0	4.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	66.0	20.3	3.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	76.5	19.1	3.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59°	87.0	17.6	3.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	99.0	16.9	3.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	163.6	15.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	315.9	14.3	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	510.6	14.3	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	536.8	14.3	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	357.1	11.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	191.3	10.5	1.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	103.2	9.8	1.5	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	45.4	7.1	1.9	1.1	0.8	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	18.0	4.9	2.3	1.9	1.5	0.8	0.0	0.0	0.0	0.0	0.0
85°	8.6	3.8	3.0	2.6	1.9	1.1	0.0	0.0	0.0	0.0	0.0
87.5°	4.1	3.8	3.4	3.0	2.6	1.9	0.4	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: SP1-2407-184-5

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-735-U-5WQ

Data in this report applies to families of products including GSS-SB1A-735-U-5WQ

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2407-184-5
 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-735-U-5WQ**
 Description: GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI
 3500K CCT 26 LEDS

Spectral Parameters

CCT (K): 3369
 CIE u' : 0.2386
 CIE v' : 0.5156
 Duv: 0.0013
 CIE x: 0.4143
 CIE y: 0.3980
 CIE z: 0.1877
 Peak Wavelength (nm): 590
 Dominant Wavelength (nm): 580
 Purity: 43.80166
 R_f: 71.4
 R_g: 96

CRI (Ra): 70.1
 R1: 66.6
 R2: 77.6
 R3: 88.5
 R4: 69.5
 R5: 66.4
 R6: 69.6
 R7: 77.5
 R8: 44.9
 R9: -40.2
 R10: 49.1
 R11: 66.3
 R12: 45.7
 R13: 68.0
 R14: 93.4
 R15: 57.6



Test Conditions

Stabilization Time: 21M
 Operation Time: 1H 21M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2407-184-5

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: SP1-2407-184-5

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	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-5

Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.29

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	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-5

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.36

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	119	NR	620	778	NR	750	19	NR	880	1	NR
365	0	NR	495	173	NR	625	711	NR	755	16	NR	885	0	NR
370	0	NR	500	239	NR	630	648	NR	760	14	NR	890	0	NR
375	0	NR	505	313	NR	635	582	NR	765	12	NR	895	0	NR
380	0	NR	510	383	NR	640	520	NR	770	11	NR	900	0	NR
385	0	NR	515	448	NR	645	460	NR	775	9	NR	905	0	NR
390	2	NR	520	500	NR	650	406	NR	780	8	NR	910	0	NR
395	4	NR	525	539	NR	655	355	NR	785	7	NR	915	0	NR
400	6	NR	530	575	NR	660	309	NR	790	6	NR	920	0	NR
405	11	NR	535	606	NR	665	269	NR	795	5	NR	925	0	NR
410	22	NR	540	633	NR	670	231	NR	800	4	NR	930	0	NR
415	45	NR	545	666	NR	675	199	NR	805	4	NR	935	0	NR
420	96	NR	550	701	NR	680	171	NR	810	3	NR	940	0	NR
425	193	NR	555	743	NR	685	147	NR	815	3	NR	945	0	NR
430	341	NR	560	788	NR	690	126	NR	820	3	NR	950	0	NR
435	547	NR	565	837	NR	695	107	NR	825	2	NR	955	0	NR
440	799	NR	570	887	NR	700	92	NR	830	2	NR	960	0	NR
445	831	NR	575	931	NR	705	78	NR	835	2	NR	965	0	NR
450	461	NR	580	967	NR	710	67	NR	840	2	NR	970	0	NR
455	256	NR	585	990	NR	715	57	NR	845	1	NR	975	0	NR
460	176	NR	590	1000	NR	720	49	NR	850	1	NR	980	0	NR
465	107	NR	595	994	NR	725	42	NR	855	1	NR	985	0	NR
470	74	NR	600	973	NR	730	36	NR	860	1	NR	990	0	NR
475	67	NR	605	938	NR	735	31	NR	865	1	NR	995	0	NR
480	68	NR	610	892	NR	740	26	NR	870	1	NR	1000	0	NR
485	84	NR	615	838	NR	745	22	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-5

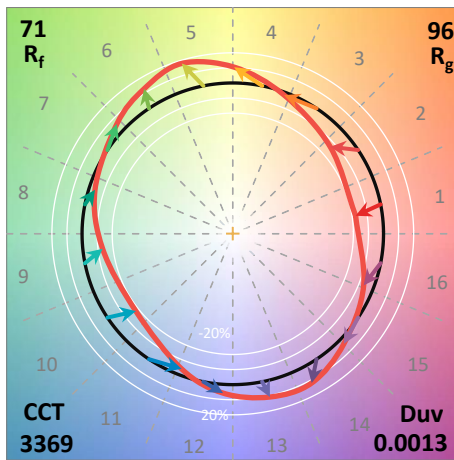
TM-30-18

Summary

$R_f = 71.4$
 $R_g = 96$
 CIE $R_a = 70.1$
 $R_g = -40.2$



Color Vector Graphics

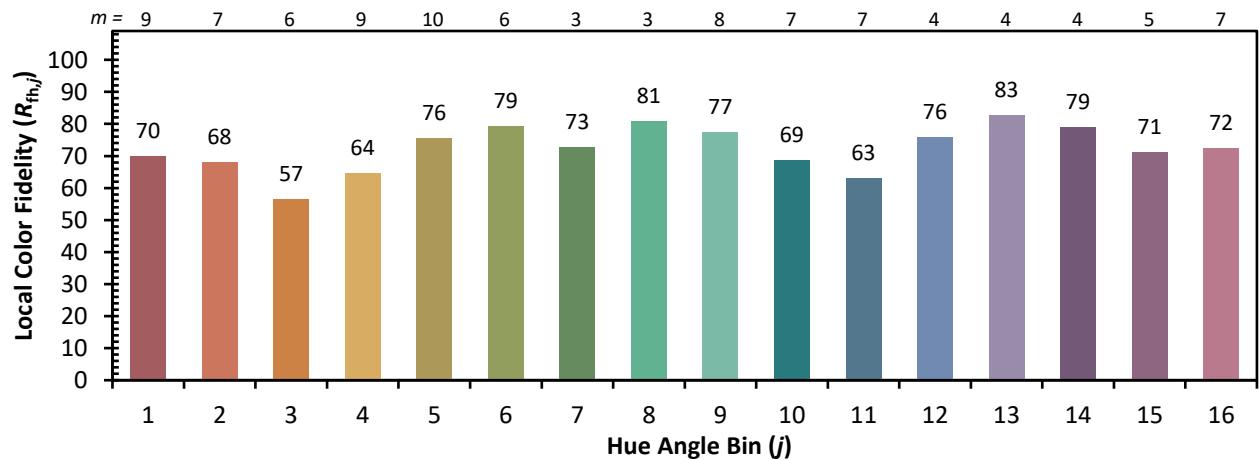
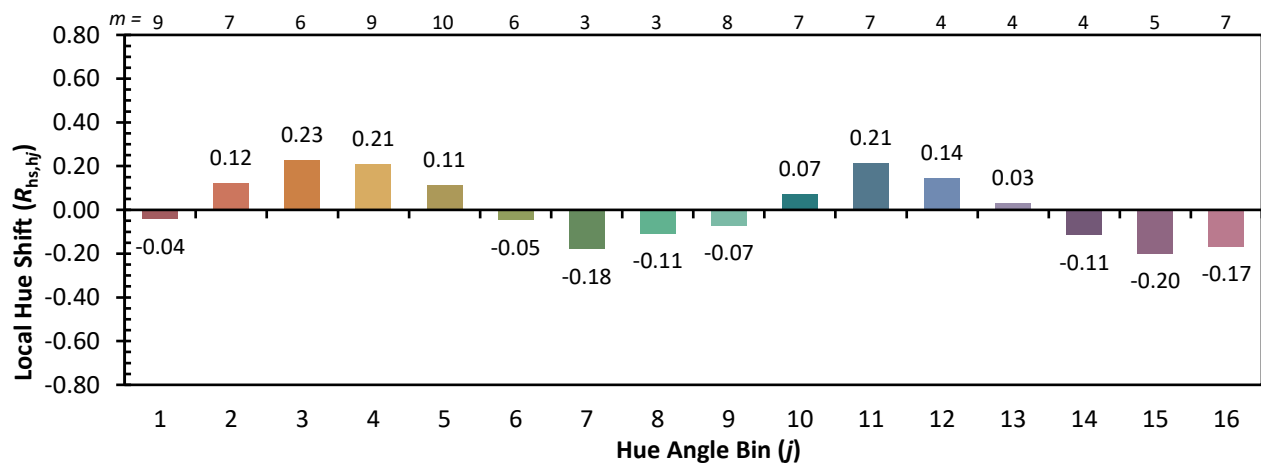
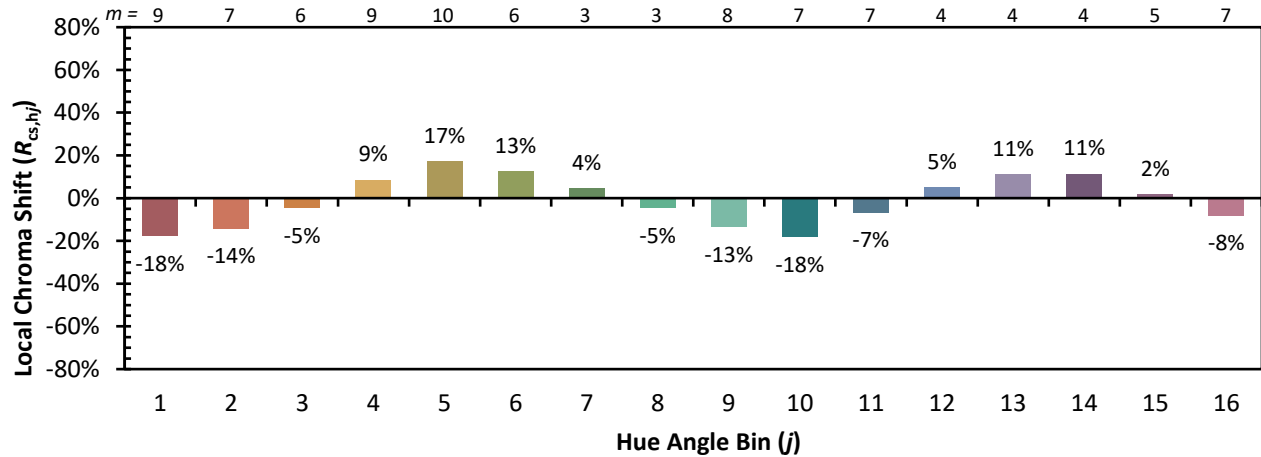


Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 57	CES51 = 84	CES76 = 50
CES02 = 62	CES27 = 80	CES52 = 86	CES77 = 74
CES03 = 31	CES28 = 81	CES53 = 72	CES78 = 54
CES04 = 70	CES29 = 50	CES54 = 79	CES79 = 81
CES05 = 48	CES30 = 55	CES55 = 78	CES80 = 79
CES06 = 51	CES31 = 56	CES56 = 67	CES81 = 74
CES07 = 40	CES32 = 54	CES57 = 65	CES82 = 91
CES08 = 39	CES33 = 60	CES58 = 68	CES83 = 86
CES09 = 29	CES34 = 69	CES59 = 85	CES84 = 89
CES10 = 75	CES35 = 83	CES60 = 91	CES85 = 83
CES11 = 58	CES36 = 88	CES61 = 85	CES86 = 66
CES12 = 64	CES37 = 78	CES62 = 78	CES87 = 77
CES13 = 43	CES38 = 64	CES63 = 71	CES88 = 75
CES14 = 74	CES39 = 92	CES64 = 70	CES89 = 68
CES15 = 71	CES40 = 86	CES65 = 64	CES90 = 72
CES16 = 47	CES41 = 81	CES66 = 65	CES91 = 95
CES17 = 50	CES42 = 79	CES67 = 63	CES92 = 62
CES18 = 56	CES43 = 71	CES68 = 69	CES93 = 78
CES19 = 72	CES44 = 98	CES69 = 80	CES94 = 51
CES20 = 65	CES45 = 80	CES70 = 60	CES95 = 70
CES21 = 87	CES46 = 75	CES71 = 58	CES96 = 76
CES22 = 79	CES47 = 71	CES72 = 85	CES97 = 82
CES23 = 92	CES48 = 61	CES73 = 51	CES98 = 72
CES24 = 91	CES49 = 74	CES74 = 94	CES99 = 60
CES25 = 72	CES50 = 83	CES75 = 57	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)