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: P1065964

Luminaire Tested: **NVN-SA4D-740-U-T2BC**

Issue Date: 08/07/2025

Report Generated By 670347003

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

Scaled Data Report

Test Information

Test Method:	LM-79-08
Report Number:	P1065964
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	08/07/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	NVN-SA4D-740-U-T2BC
Description:	Navion AREA AND ROADWAY LUMINAIRE 1200mA 4xLight Square PACKAGE 70CRI 4000K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source:	(56) 4000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	23882.5 lumens
Efficiency:	N/A
Efficacy:	109.1 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B0 - U0 - G4

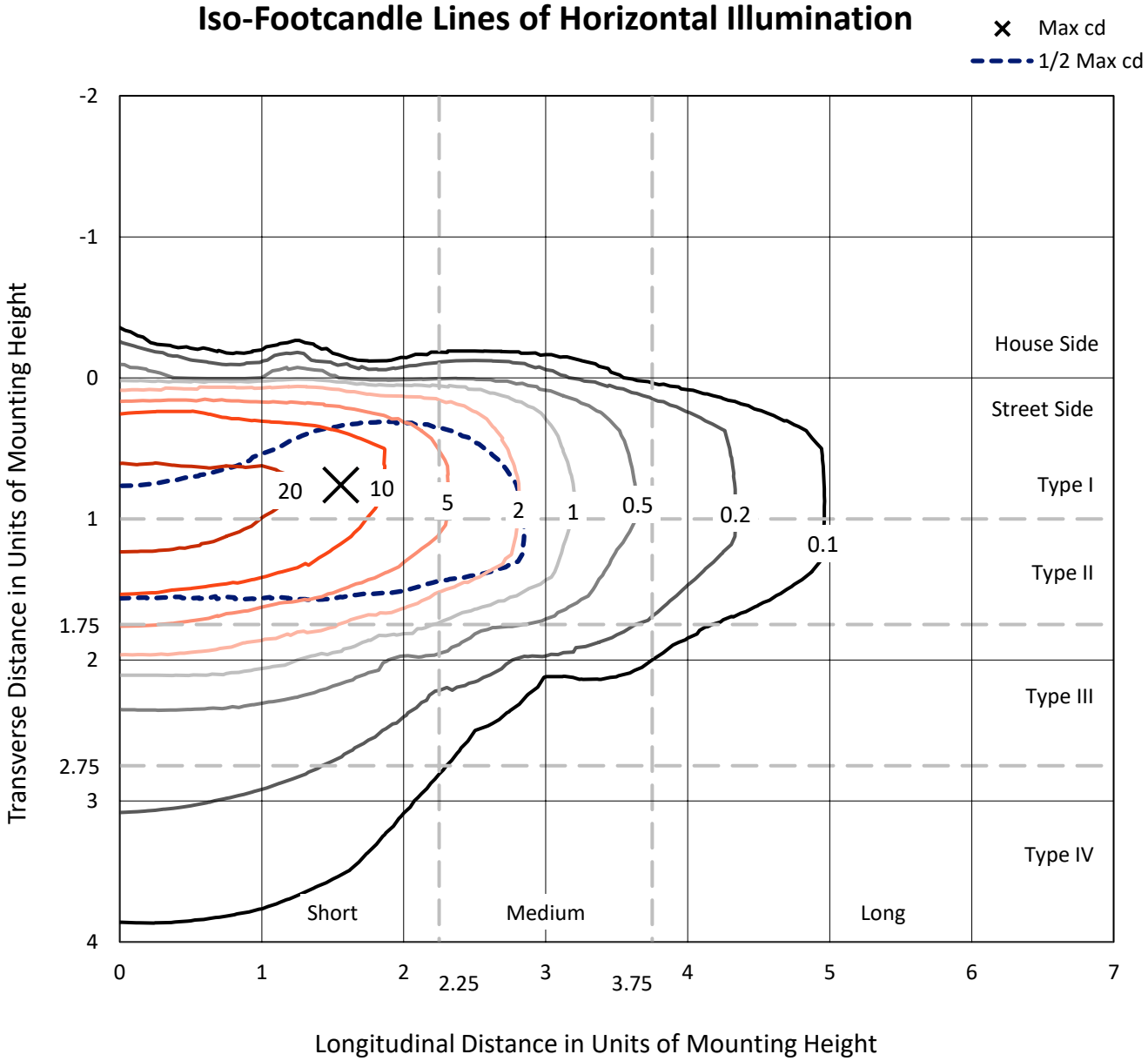
Input Watts (W):	218.9
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.97
Total Harmonic Distortion (THDi):	NR
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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

Scaled Data Report

REPORT NUMBER: P1065964
CATALOG NUMBER: NVN-SA4D-740-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination



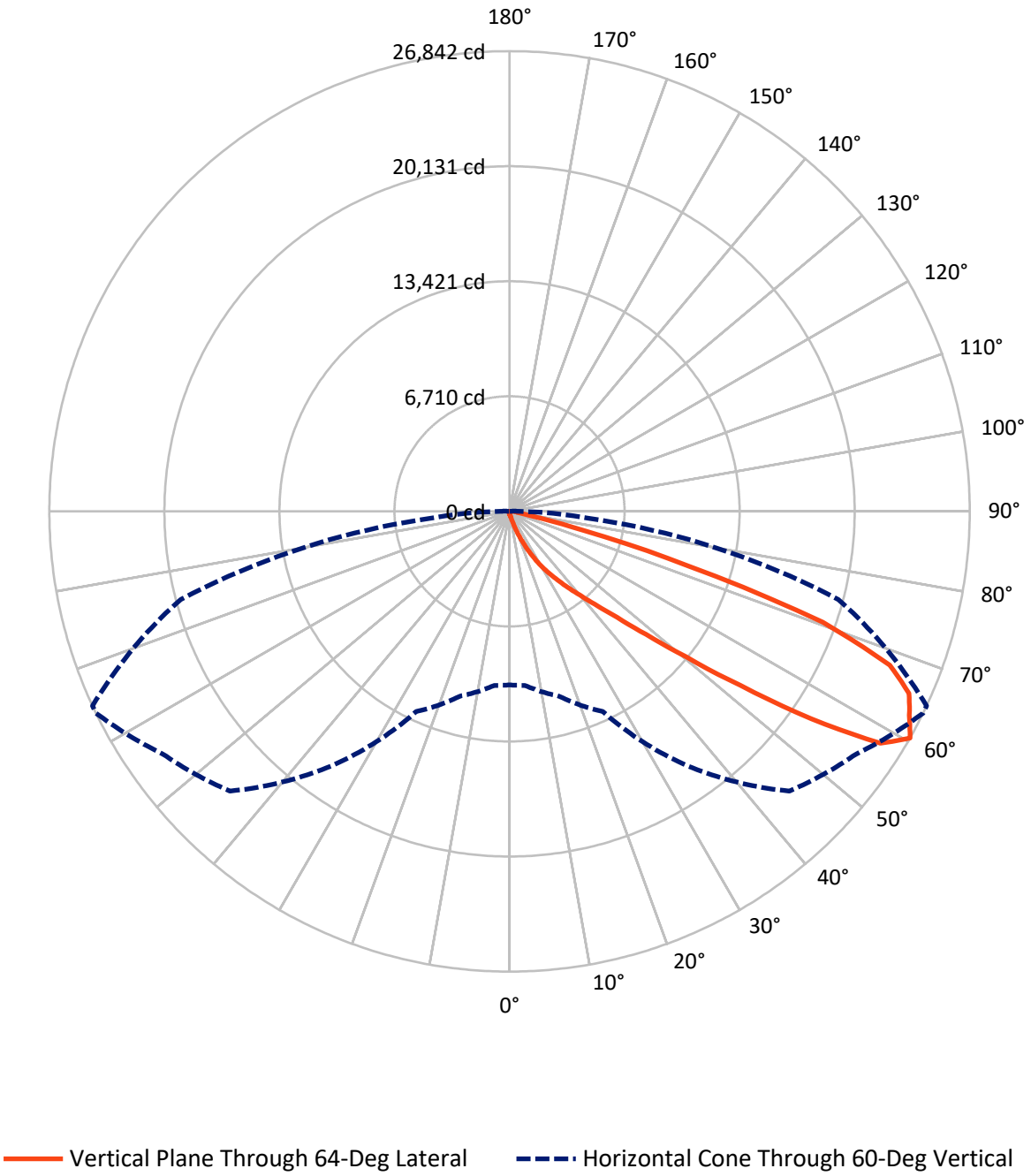
Based on 15 foot mounting height. Maximum calculated value = 34.3 fc
Type II - Short - N/A

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

Scaled Data Report

REPORT NUMBER: P1065964
CATALOG NUMBER: NVN-SA4D-740-U-T2BC

Luminous Intensity Polar Plot



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

Scaled Data Report

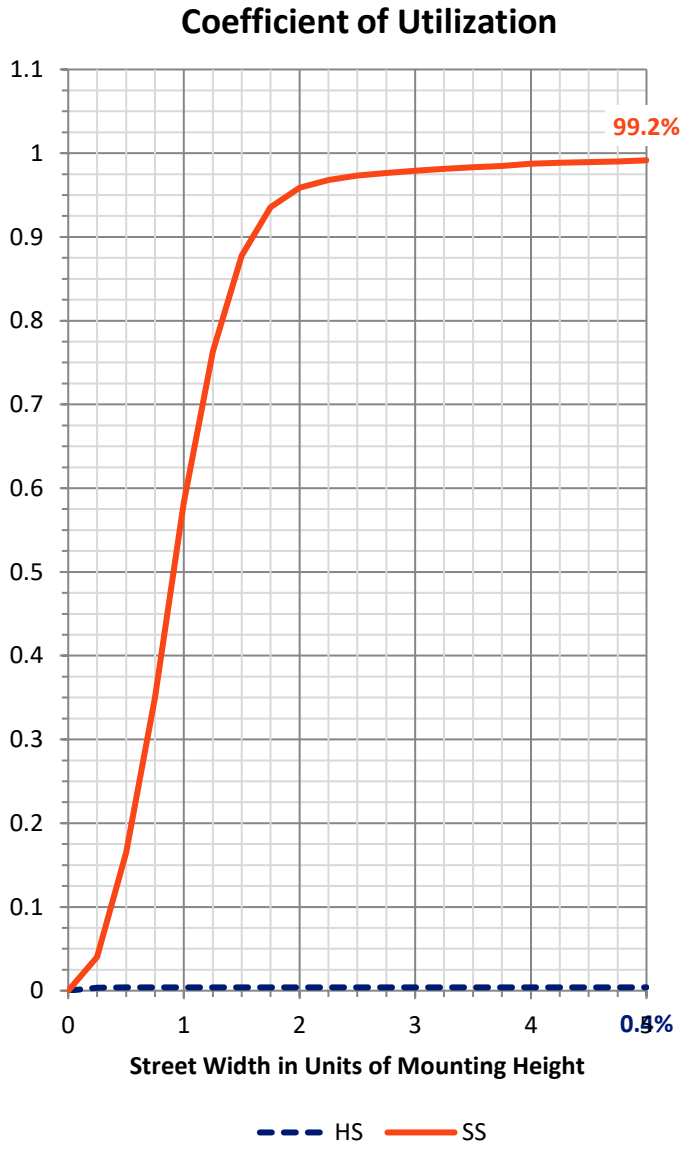
REPORT NUMBER: P1065964
CATALOG NUMBER: NVN-SA4D-740-U-T2BC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	96.8	0.0	96.8
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	23785.7	0.0	23785.7
	% Fixture	99.6	0.0	99.6
Total	Lumens	23882.5	0.0	23882.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	23.8	0.1
10°-20°	234.7	1.0
20°-30°	779.5	3.3
30°-40°	2079.9	8.7
40°-50°	5286.5	22.1
50°-60°	7706.5	32.3
60°-70°	5952.5	24.9
70°-80°	1634.7	6.8
80°-90°	184.5	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°	23882.5	100.0
0°-180°	23882.5	100.0



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

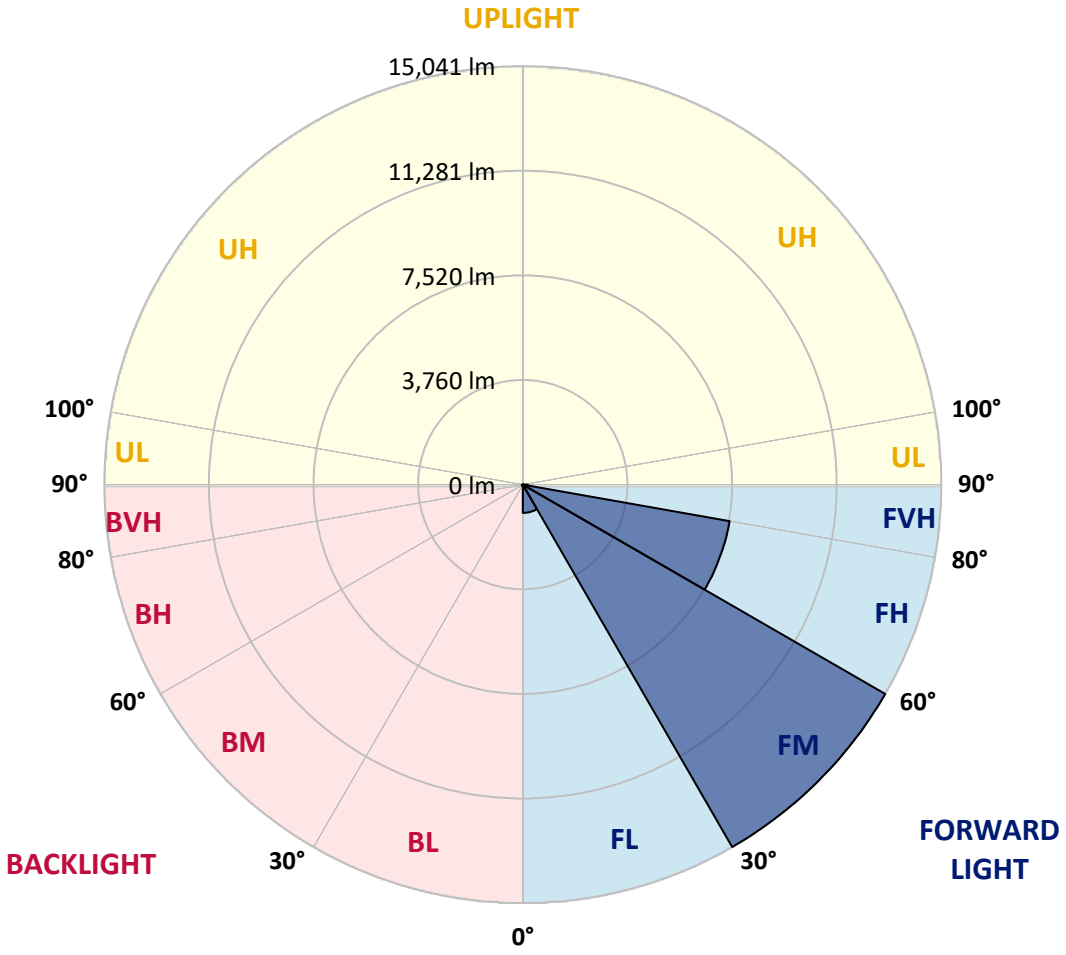
Scaled Data Report

REPORT NUMBER: P1065964
CATALOG NUMBER: NVN-SA4D-740-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1016.2	4.3			
FM	(30°-60°)	15040.8	63.0			
FH	(60°-80°)	7548.6	31.6			G4/12000
FVH	(80°-90°)	180.2	0.8			G2/225
BL	(0°-30°)	21.7	0.1	B0/110		
BM	(30°-60°)	32.1	0.1	B0/220		
BH	(60°-80°)	38.6	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



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

Scaled Data Report

REPORT NUMBER: P1065964
CATALOG NUMBER: NVN-SA4D-740-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	157.8	157.8	157.8	157.8	157.8	157.8	157.8	*157.8*	157.8	157.8	157.8
2.5°	210.4	210.4	210.4	203.8	197.2	197.2	190.6	*184.1*	184.1	170.9	164.4
5°	322.1	322.1	309.0	295.8	276.1	249.8	223.5	*203.8*	203.8	184.1	170.9
7.5°	631.1	650.8	591.7	519.3	420.7	355.0	282.7	*236.7*	230.1	197.2	170.9
10°	1367.4	1354.2	1262.2	1084.7	854.6	618.0	394.4	*289.3*	276.1	210.4	170.9
12.5°	2057.7	2077.4	1978.8	1781.6	1505.4	1097.9	677.1	*374.7*	361.6	230.1	170.9
15°	2649.3	2649.3	2583.6	2485.0	2182.6	1755.3	1091.3	*558.8*	512.8	249.8	164.4
17.5°	3056.9	3050.3	3024.0	2997.7	2820.2	2379.8	1669.8	*894.1*	788.9	295.8	164.4
20°	3517.1	3497.4	3530.2	3477.6	3339.6	2991.2	2281.2	*1327.9*	1229.3	374.7	164.4
22.5°	3997.0	4016.7	4043.0	3990.4	3839.2	3536.8	2925.4	*1886.7*	1781.6	519.3	170.9
25°	4608.4	4595.2	4654.4	4608.4	4417.7	4062.7	3530.2	*2498.1*	2346.9	723.1	184.1
27.5°	5357.8	5331.5	5371.0	5252.6	5002.8	4641.2	4069.3	*3122.7*	2945.2	1038.7	210.4
30°	6350.5	6370.2	6192.7	6054.7	5699.7	5219.8	4667.5	*3793.2*	3609.1	1413.4	236.7
32.5°	7915.1	7777.0	7500.9	6942.1	6475.4	5864.0	5265.8	*4378.3*	4213.9	1893.3	276.1
35°	10354.1	10380.4	9775.5	8395.0	7382.6	6672.6	5923.2	*5022.5*	4904.2	2439.0	328.7
37.5°	13325.5	13253.2	12720.7	10978.6	8710.6	7678.4	6672.6	*5726.0*	5555.0	3030.6	394.4
40°	16691.4	16389.0	16080.0	14896.7	11478.2	8940.6	7619.3	*6541.1*	6409.7	3714.3	499.6
42.5°	19386.7	19307.9	19360.4	18867.4	16093.2	11090.3	8874.9	*7540.4*	7382.6	4562.4	683.7
45°	20714.7	20602.9	20918.5	21286.6	20576.6	15665.9	10899.7	*8815.7*	8605.4	5561.6	966.4
47.5°	20359.7	20280.8	20957.9	21681.1	22627.7	20971.1	14206.4	*10722.2*	10360.6	6843.5	1387.1
50°	18611.0	18617.6	19728.6	21076.3	22575.1	23659.8	19104.1	*13332.1*	12878.5	8546.2	2044.5
52.5°	16908.3	16960.9	18137.7	20103.3	21792.8	23975.4	23403.5	*16849.2*	16112.9	10551.3	2820.2
55°	15159.7	15186.0	16224.6	18992.3	21424.7	23035.3	25612.3	*21378.7*	20596.4	13049.4	3576.3
57.5°	13476.7	13476.7	13864.6	16323.3	21023.7	22949.9	25349.4	*25520.3*	24882.6	15902.5	4135.0
60°	*10124.0*	*10189.7*	*11156.1*	*12878.5*	*18131.1*	*23074.8*	*24678.8*	*26841.7*	*26841.7*	*19860.1*	*4562.4*
62.5°	5114.6	5213.2	6416.2	8092.6	12438.0	21352.4	24784.0	*26177.7*	26282.9	23350.9	5535.3
65°	2399.5	2511.3	3155.5	4338.8	6692.3	15028.2	23692.7	*25612.3*	25579.5	22686.9	7586.4
67.5°	1722.4	1755.3	1972.2	2531.0	3602.6	6587.2	18085.1	*23922.8*	23936.0	19275.0	8723.7
70°	1544.9	1544.9	1597.5	1761.8	2169.4	2945.2	8789.4	*19373.6*	20313.7	14883.5	8086.0
72.5°	1525.2	1512.0	1498.9	1505.4	1466.0	1479.2	3017.5	*10939.1*	12280.2	10413.2	6449.1
75°	1485.7	1485.7	1472.6	1426.6	1170.2	953.2	1038.7	*4424.3*	5114.6	6955.3	4785.9
77.5°	1176.7	1295.1	1433.1	1347.7	1071.6	716.6	604.8	*1281.9*	1617.2	4266.5	3471.1
80°	545.6	552.2	545.6	571.9	683.7	512.8	447.0	*624.5*	631.1	2366.6	2149.7
82.5°	394.4	401.0	381.3	341.8	302.4	276.1	368.1	*460.2*	493.1	1084.7	802.0
85°	118.3	111.8	131.5	177.5	210.4	243.2	309.0	*387.9*	407.6	401.0	118.3
87.5°	52.6	52.6	65.7	92.0	124.9	184.1	269.5	*355.0*	361.6	414.2	32.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*0.0*	0.0	0.0	0.0

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

Scaled Data Report

REPORT NUMBER: P1065964
CATALOG NUMBER: NVN-SA4D-740-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8	157.8
2.5°	164.4	157.8	151.2	144.6	138.1	131.5	124.9	124.9	131.5	131.5	131.5
5°	157.8	151.2	138.1	124.9	118.3	111.8	105.2	105.2	111.8	111.8	111.8
7.5°	157.8	144.6	131.5	118.3	105.2	98.6	92.0	92.0	92.0	98.6	98.6
10°	157.8	144.6	124.9	105.2	92.0	85.5	78.9	72.3	78.9	78.9	78.9
12.5°	151.2	138.1	118.3	98.6	78.9	65.7	59.2	59.2	59.2	59.2	59.2
15°	144.6	131.5	111.8	85.5	65.7	52.6	39.4	39.4	39.4	46.0	46.0
17.5°	138.1	124.9	98.6	65.7	46.0	32.9	26.3	26.3	26.3	32.9	32.9
20°	138.1	118.3	85.5	52.6	32.9	19.7	13.1	13.1	13.1	19.7	26.3
22.5°	138.1	118.3	78.9	39.4	19.7	13.1	6.6	6.6	6.6	6.6	6.6
25°	138.1	111.8	72.3	32.9	13.1	6.6	0.0	0.0	6.6	13.1	19.7
27.5°	138.1	105.2	59.2	19.7	13.1	6.6	0.0	6.6	13.1	13.1	13.1
30°	138.1	105.2	52.6	19.7	6.6	0.0	0.0	6.6	13.1	13.1	19.7
32.5°	144.6	98.6	46.0	13.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	151.2	92.0	39.4	13.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	164.4	92.0	26.3	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	184.1	98.6	26.3	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	230.1	105.2	19.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	322.1	131.5	19.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	473.3	197.2	19.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	690.3	269.5	13.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	848.0	269.5	13.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	841.5	170.9	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	644.3	118.3	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	*545.6*	*85.5*	*6.6*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
62.5°	657.4	65.7	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1170.2	59.2	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1880.2	59.2	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2103.7	59.2	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1643.5	52.6	6.6	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	900.6	46.0	6.6	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	453.6	32.9	13.1	6.6	6.6	0.0	0.0	0.0	0.0	0.0	0.0
80°	190.6	26.3	13.1	6.6	6.6	6.6	0.0	0.0	0.0	0.0	0.0
82.5°	65.7	26.3	13.1	13.1	6.6	6.6	0.0	0.0	0.0	0.0	0.0
85°	32.9	19.7	19.7	13.1	13.1	6.6	6.6	0.0	0.0	0.0	0.0
87.5°	19.7	19.7	19.7	13.1	13.1	6.6	6.6	0.0	0.0	0.0	6.6
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

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

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP1-2407-184-1

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-740-U-5WQ

Data in this report applies to families of products including GSS-SB1A-740-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

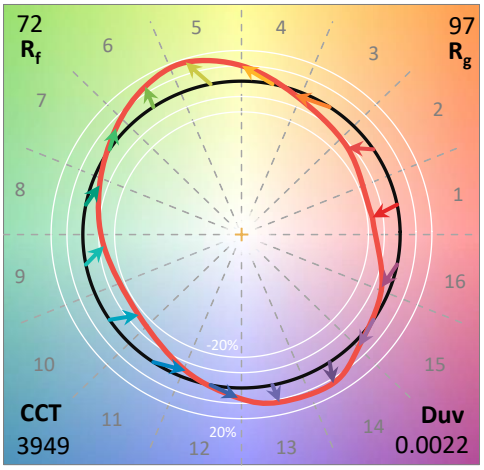
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-1
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-740-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 4000K CCT 26 LEDS

Spectral Parameters

CCT (K):	3949
CIE u':	0.2248
CIE v':	0.5053
Duv:	0.0022
CIE x:	0.3844
CIE y:	0.3840
CIE z:	0.2316
Peak Wavelength (nm):	440
Dominant Wavelength (nm):	578
Purity:	30.60026
Rf:	71.8
Rg:	96.5

CRI (Ra):	70.7
R1:	68.0
R2:	76.0
R3:	84.3
R4:	72.0
R5:	68.6
R6:	68.3
R7:	77.9
R8:	50.3
R9:	-36.7
R10:	45.1
R11:	70.7
R12:	47.1
R13:	68.5
R14:	91.1
R15:	58.7



Test Conditions

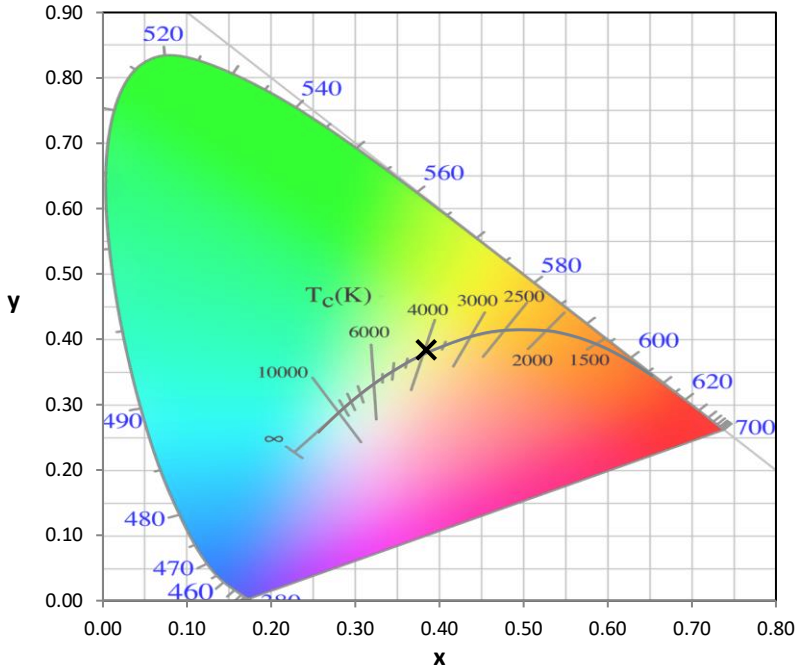
Stabilization Time:	34M
Operation Time:	1H 34M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-1

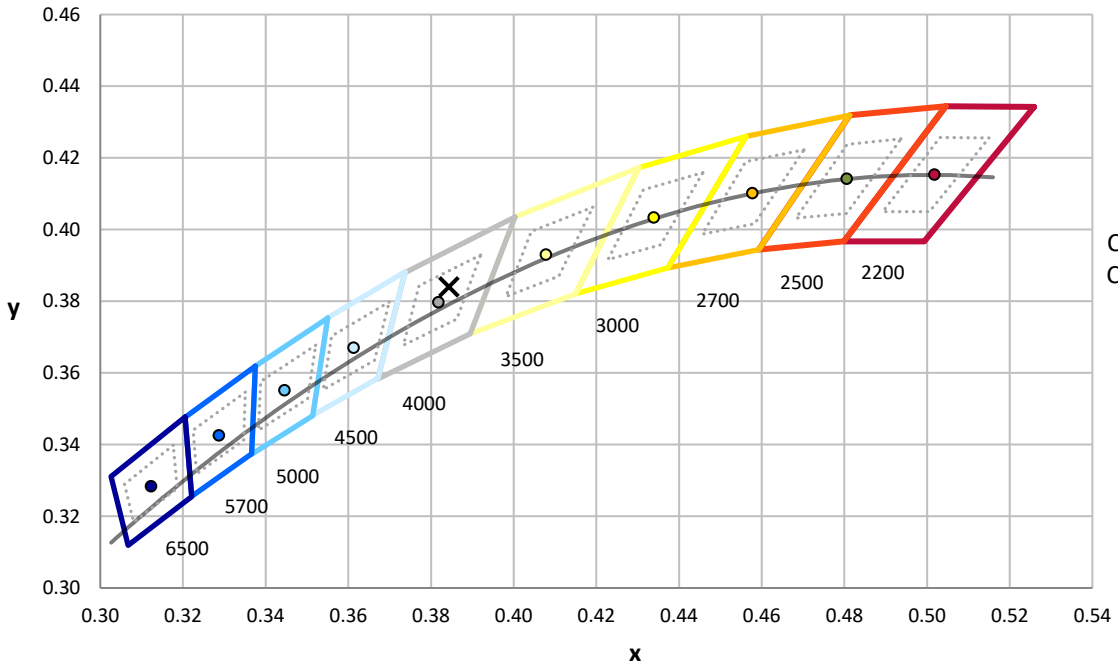
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-1

CIE 1931 Chromaticity Diagram



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

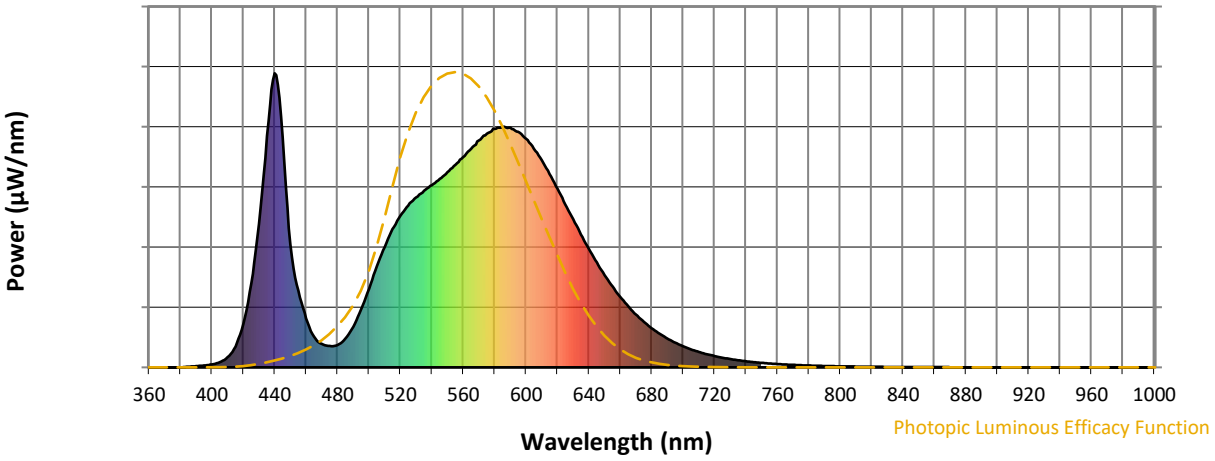


CCT = 3949K
CIE x = 0.3844
CIE y = 0.3840
Duv = 0.0022

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-1

Photopic Flux vs. Wavelength

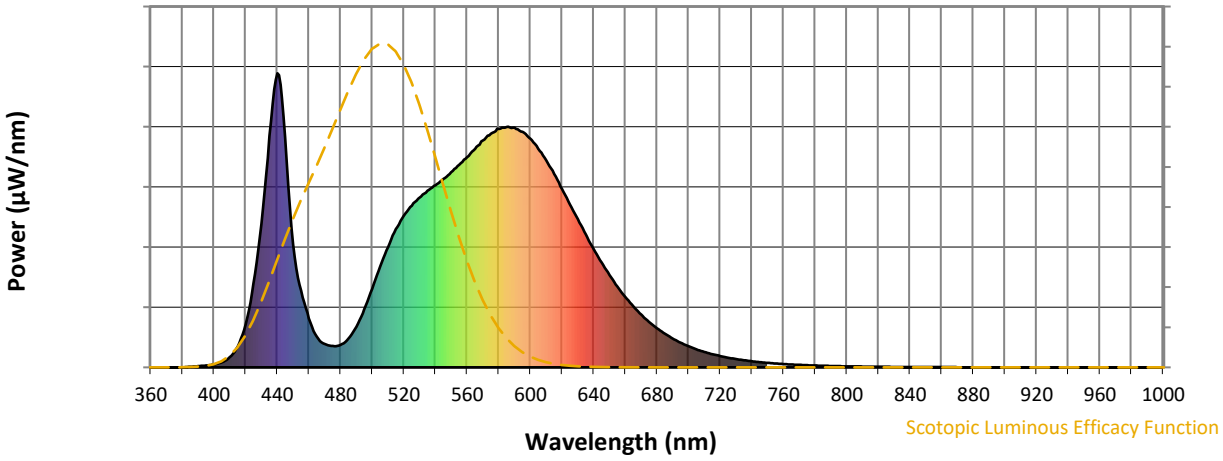


Photopic Lumens: NR

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-1

Scotopic Flux vs. Wavelength

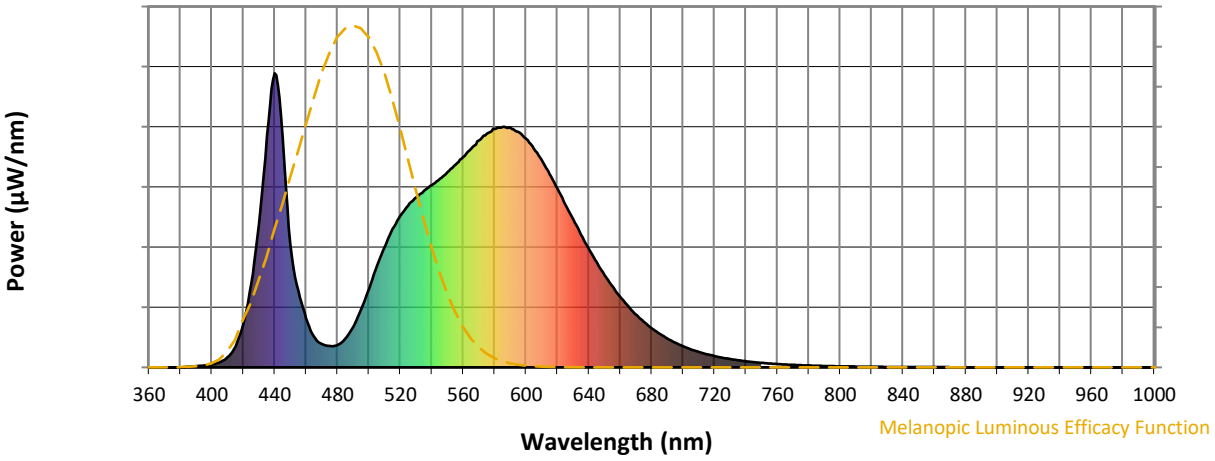


Scotopic Lumens: NR **S/P: 1.47**

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-1

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.78**

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	139	NR	620	607	NR	750	15	NR	880	0	NR
365	0	NR	495	198	NR	625	554	NR	755	13	NR	885	0	NR
370	0	NR	500	267	NR	630	504	NR	760	11	NR	890	0	NR
375	0	NR	505	343	NR	635	452	NR	765	10	NR	895	0	NR
380	0	NR	510	410	NR	640	403	NR	770	8	NR	900	0	NR
385	2	NR	515	470	NR	645	357	NR	775	7	NR	905	0	NR
390	4	NR	520	516	NR	650	314	NR	780	6	NR	910	0	NR
395	7	NR	525	550	NR	655	275	NR	785	5	NR	915	0	NR
400	10	NR	530	578	NR	660	240	NR	790	5	NR	920	0	NR
405	17	NR	535	601	NR	665	208	NR	795	4	NR	925	0	NR
410	35	NR	540	620	NR	670	179	NR	800	4	NR	930	0	NR
415	70	NR	545	641	NR	675	155	NR	805	3	NR	935	0	NR
420	147	NR	550	664	NR	680	133	NR	810	3	NR	940	0	NR
425	285	NR	555	689	NR	685	114	NR	815	2	NR	945	0	NR
430	487	NR	560	715	NR	690	98	NR	820	2	NR	950	0	NR
435	787	NR	565	743	NR	695	84	NR	825	2	NR	955	0	NR
440	1000	NR	570	771	NR	700	72	NR	830	2	NR	960	0	NR
445	783	NR	575	794	NR	705	61	NR	835	1	NR	965	0	NR
450	417	NR	580	811	NR	710	52	NR	840	1	NR	970	0	NR
455	261	NR	585	817	NR	715	45	NR	845	1	NR	975	0	NR
460	167	NR	590	815	NR	720	39	NR	850	1	NR	980	0	NR
465	104	NR	595	801	NR	725	33	NR	855	1	NR	985	0	NR
470	79	NR	600	777	NR	730	28	NR	860	1	NR	990	0	NR
475	73	NR	605	744	NR	735	24	NR	865	1	NR	995	0	NR
480	76	NR	610	704	NR	740	21	NR	870	1	NR	1000	0	NR
485	98	NR	615	657	NR	745	18	NR	875	1	NR			

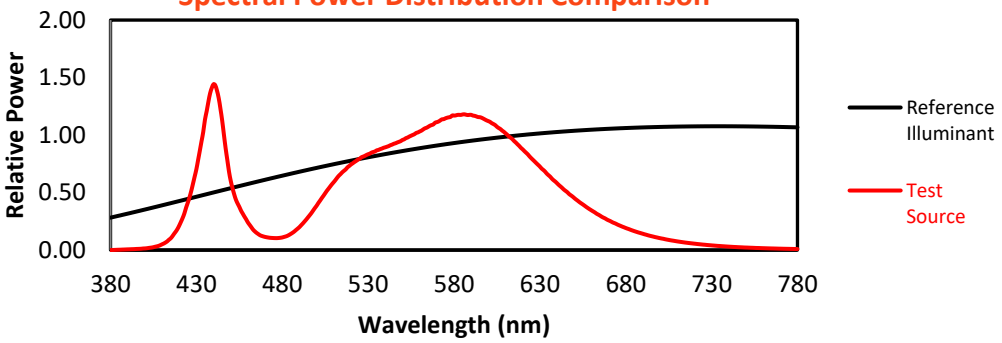
REPORT NUMBER: SP1-2407-184-1

TM-30-18

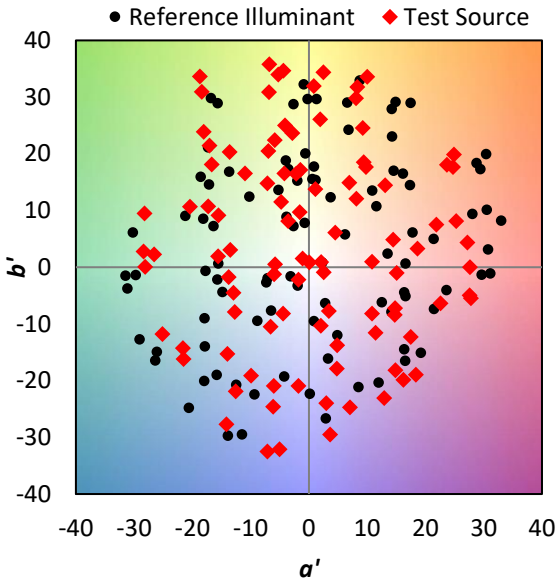
Summary

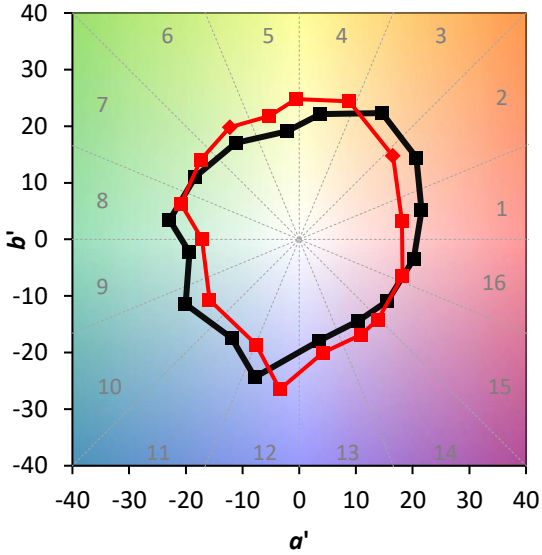
R_f = 71.8
R_g = 96.5
CIE R_a = 70.7
R_9 = -36.7

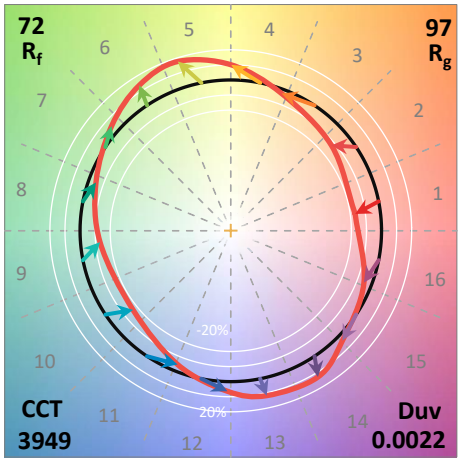
Spectral Power Distribution Comparison

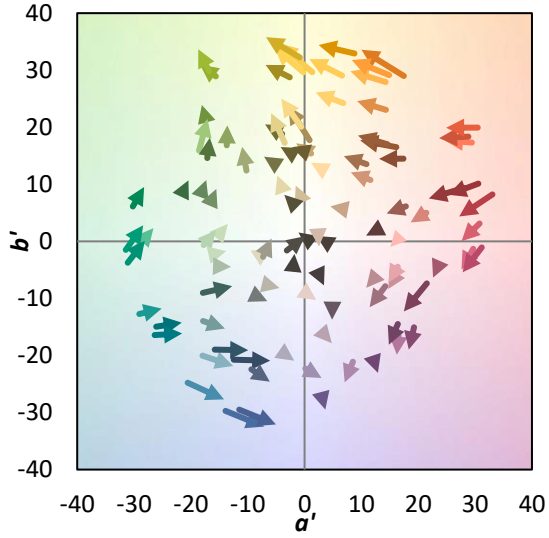


Color Vector Graphics







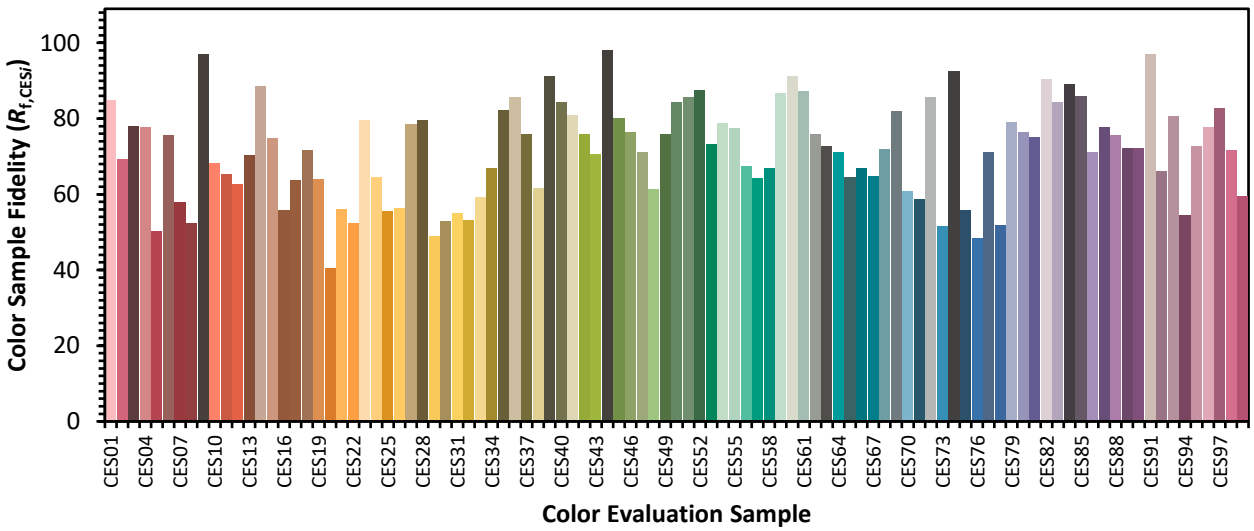


REPORT NUMBER: SP1-2407-184-1

TM-30-18

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

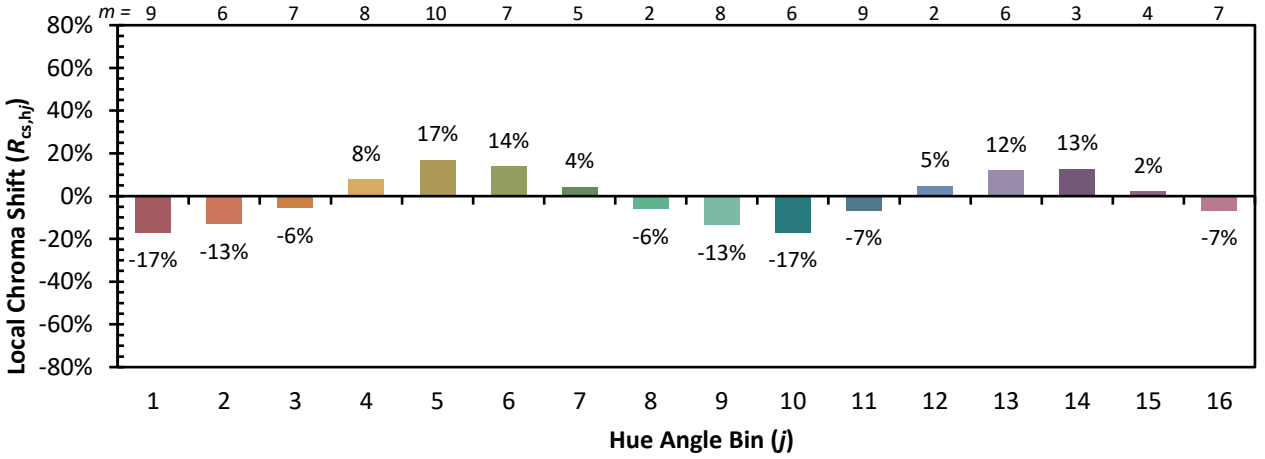
CES01 = 85	CES26 = 56	CES51 = 86	CES76 = 48
CES02 = 61	CES27 = 79	CES52 = 88	CES77 = 71
CES03 = 30	CES28 = 80	CES53 = 73	CES78 = 52
CES04 = 70	CES29 = 49	CES54 = 79	CES79 = 79
CES05 = 47	CES30 = 53	CES55 = 77	CES80 = 77
CES06 = 50	CES31 = 55	CES56 = 67	CES81 = 75
CES07 = 40	CES32 = 53	CES57 = 64	CES82 = 90
CES08 = 39	CES33 = 59	CES58 = 67	CES83 = 84
CES09 = 29	CES34 = 67	CES59 = 87	CES84 = 89
CES10 = 74	CES35 = 82	CES60 = 91	CES85 = 86
CES11 = 57	CES36 = 86	CES61 = 87	CES86 = 71
CES12 = 63	CES37 = 76	CES62 = 76	CES87 = 78
CES13 = 42	CES38 = 62	CES63 = 73	CES88 = 76
CES14 = 74	CES39 = 91	CES64 = 71	CES89 = 72
CES15 = 71	CES40 = 84	CES65 = 64	CES90 = 72
CES16 = 46	CES41 = 81	CES66 = 67	CES91 = 97
CES17 = 49	CES42 = 76	CES67 = 65	CES92 = 66
CES18 = 56	CES43 = 71	CES68 = 72	CES93 = 81
CES19 = 72	CES44 = 98	CES69 = 82	CES94 = 55
CES20 = 65	CES45 = 80	CES70 = 61	CES95 = 73
CES21 = 86	CES46 = 76	CES71 = 59	CES96 = 78
CES22 = 78	CES47 = 71	CES72 = 86	CES97 = 83
CES23 = 92	CES48 = 61	CES73 = 52	CES98 = 72
CES24 = 91	CES49 = 76	CES74 = 93	CES99 = 60
CES25 = 72	CES50 = 84	CES75 = 56	

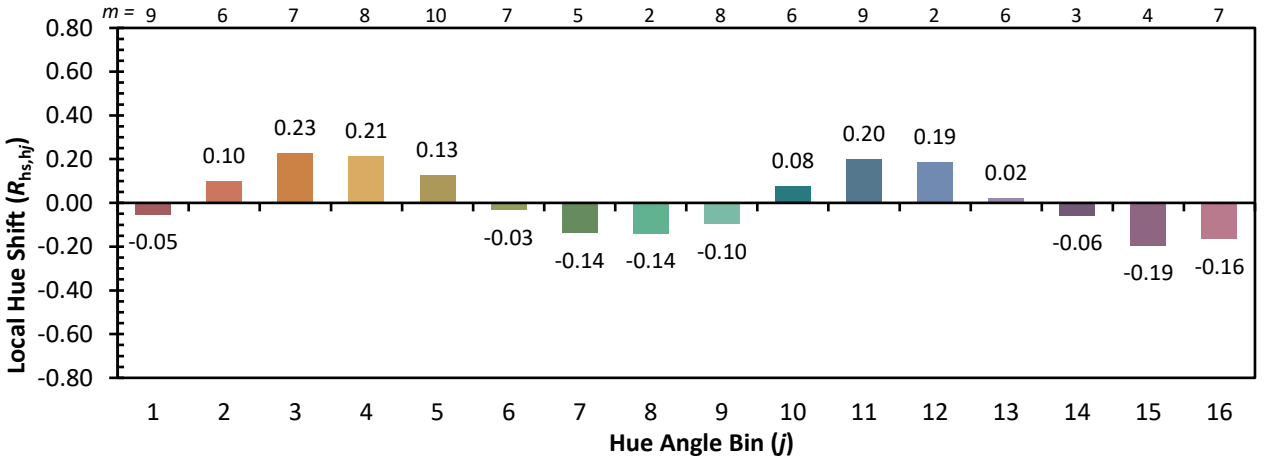


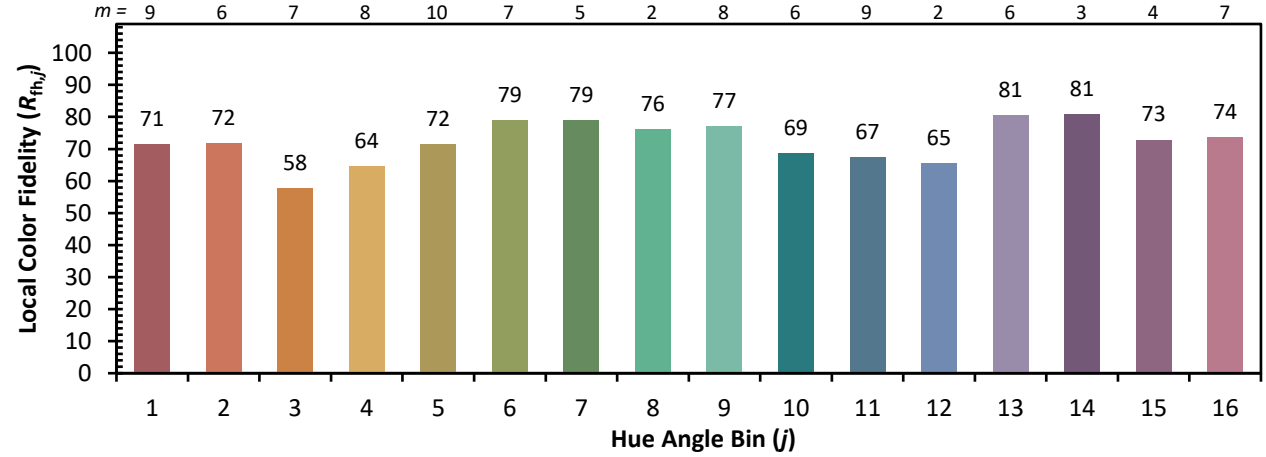
REPORT NUMBER: SP1-2407-184-1

TM-30-18

Color Rendition by Hue-Angle Bin



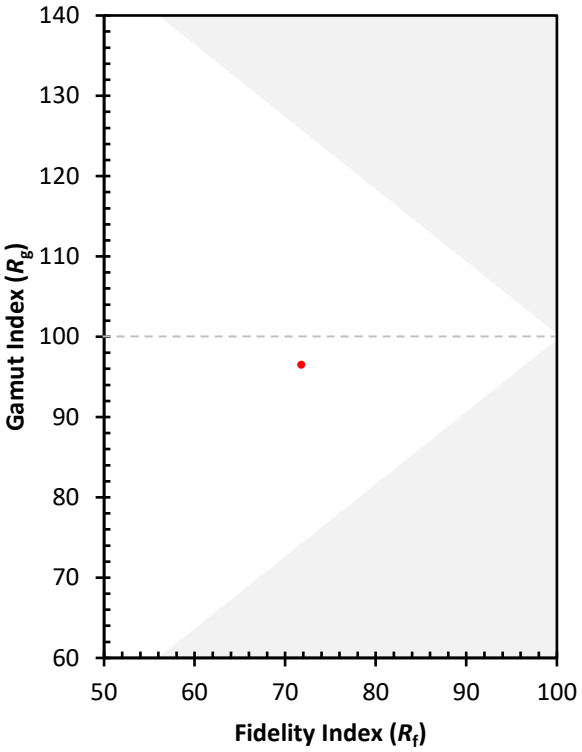


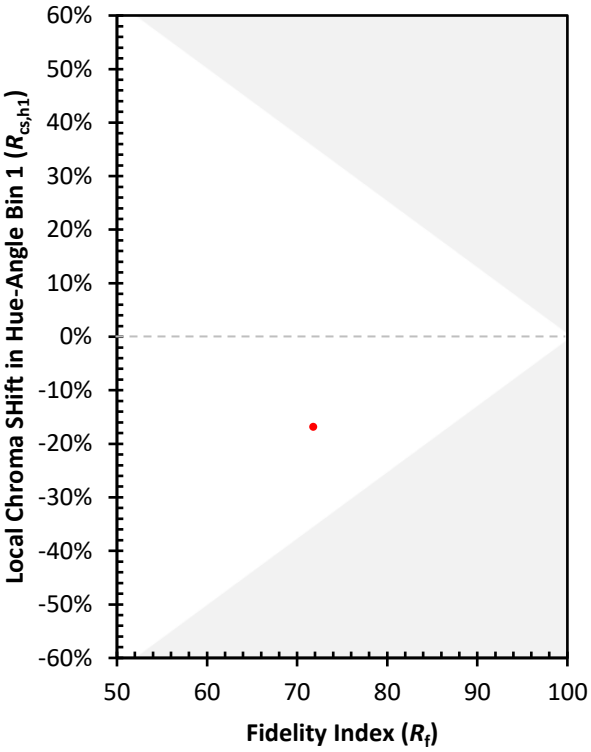


REPORT NUMBER: SP1-2407-184-1

TM-30-18

Measure Comparisons





(END OF REPORT)