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: P1066012

Luminaire Tested: **NVN-SA4D-727-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:	P1066012
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	08/07/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	STREETWORKS
Catalog Number:	NVN-SA4D-727-U-T2BC
Description:	Navion AREA AND ROADWAY LUMINAIRE 1200mA 4xLight Square PACKAGE 70CRI 2700K FIXTURE w/ TYPE II ANGLED BACKLIGHT CONTROL
Light Source:	(56) 2700K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	19965.8 lumens
Efficiency:	N/A
Efficacy:	91.2 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B0 - U0 - G3

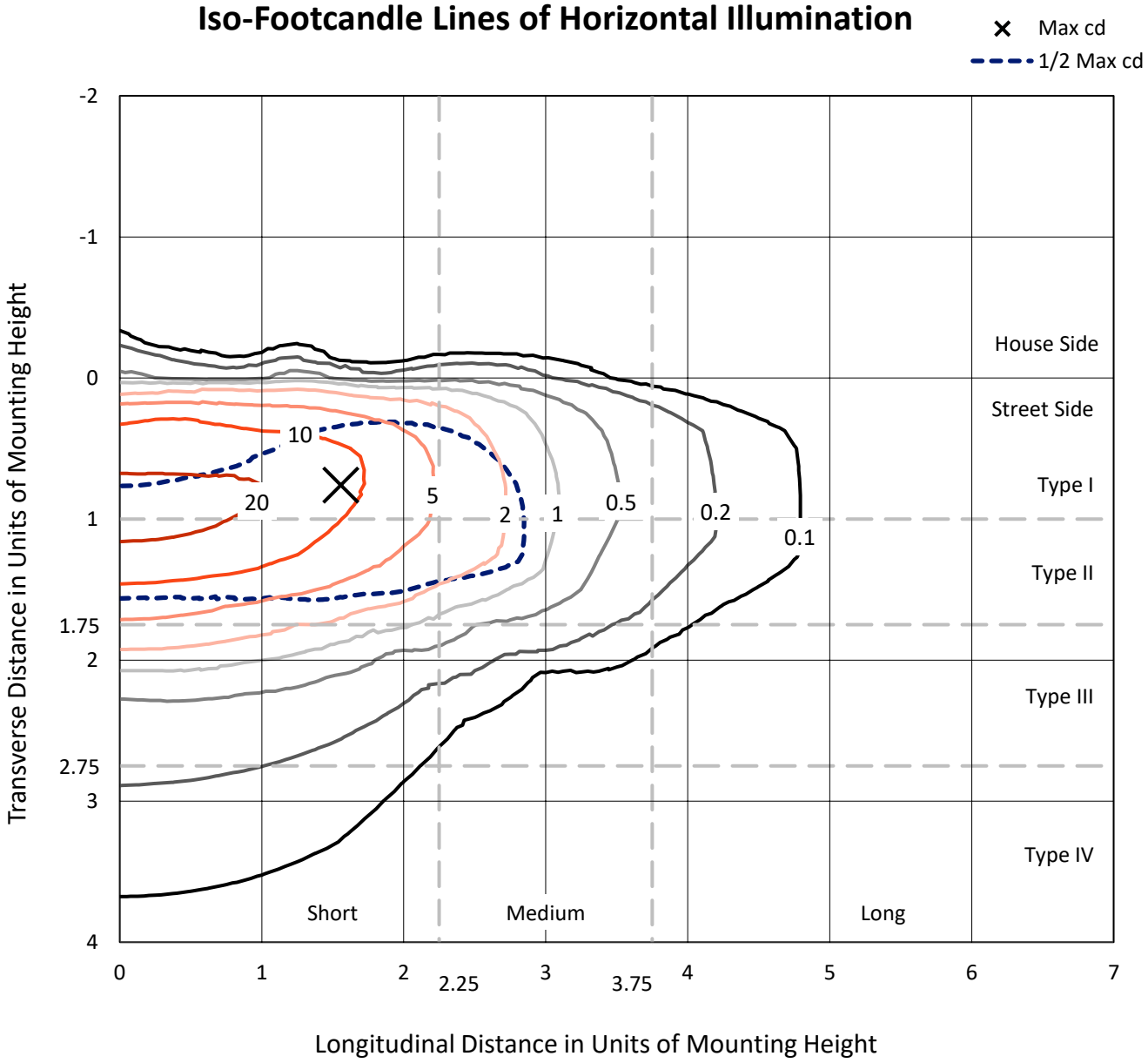
Input Watts (W):	218.9
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.97
Total Harmonic Distortion (THDi):	NR
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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

Scaled Data Report

REPORT NUMBER: P1066012
CATALOG NUMBER: NVN-SA4D-727-U-T2BC

Iso-Footcandle Lines of Horizontal Illumination



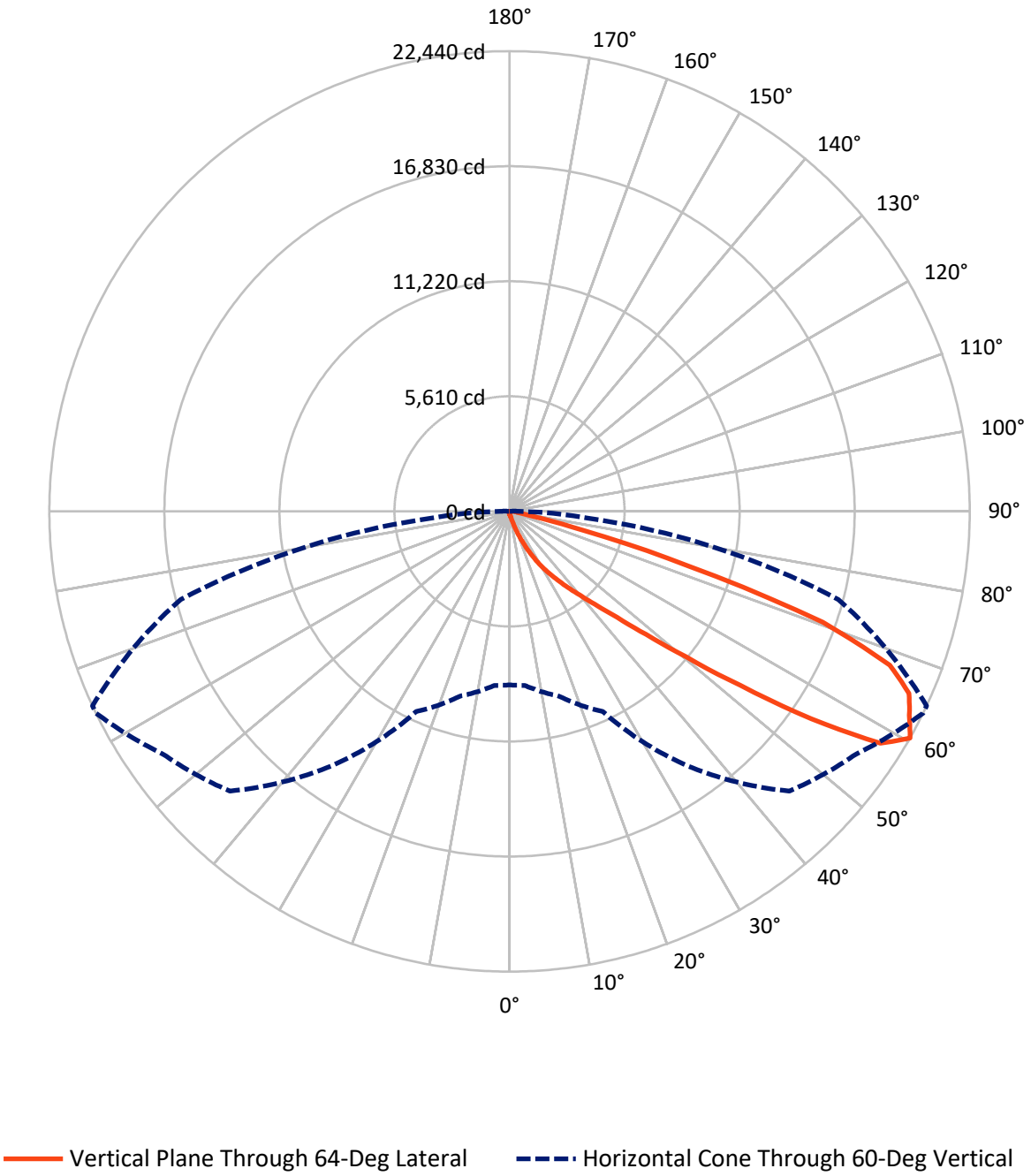
Based on 15 foot mounting height. Maximum calculated value = 28.6 fc
Type II - Short - N/A

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

Scaled Data Report

REPORT NUMBER: P1066012
CATALOG NUMBER: NVN-SA4D-727-U-T2BC

Luminous Intensity Polar Plot



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

Scaled Data Report

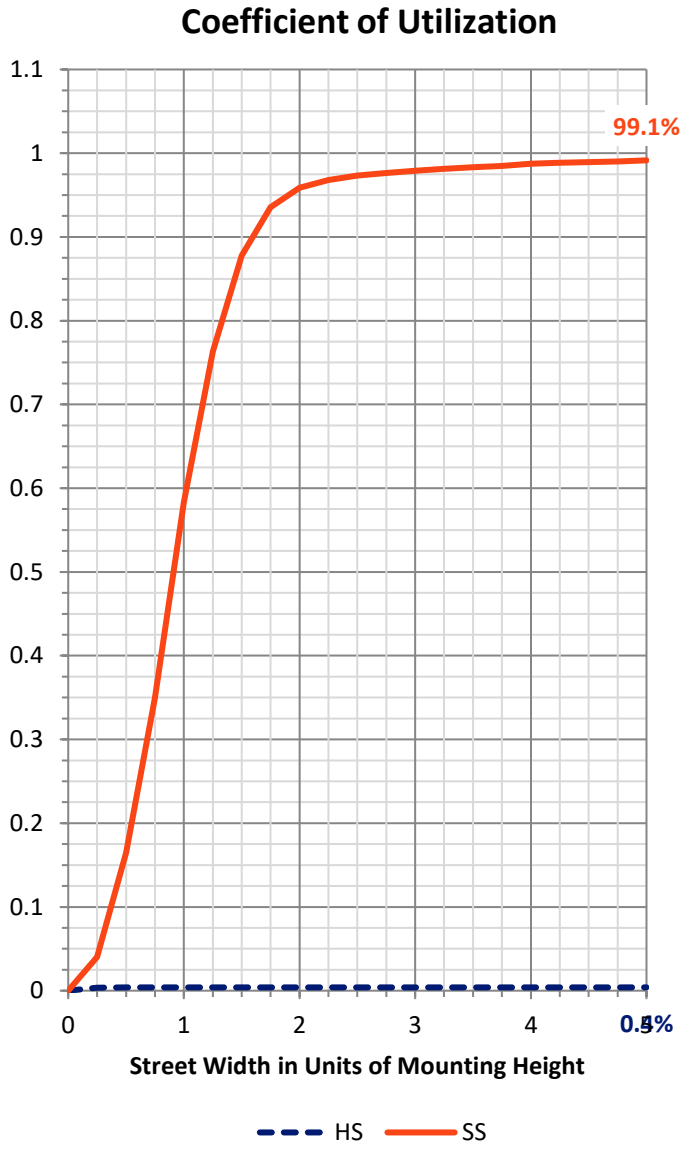
REPORT NUMBER: P1066012
CATALOG NUMBER: NVN-SA4D-727-U-T2BC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	80.9	0.0	80.9
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	19884.9	0.0	19884.9
	% Fixture	99.6	0.0	99.6
Total	Lumens	19965.8	0.0	19965.8
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	19.9	0.1
10°-20°	196.2	1.0
20°-30°	651.6	3.3
30°-40°	1738.8	8.7
40°-50°	4419.5	22.1
50°-60°	6442.7	32.3
60°-70°	4976.3	24.9
70°-80°	1366.6	6.8
80°-90°	154.3	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°	19965.8	100.0
0°-180°	19965.8	100.0



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

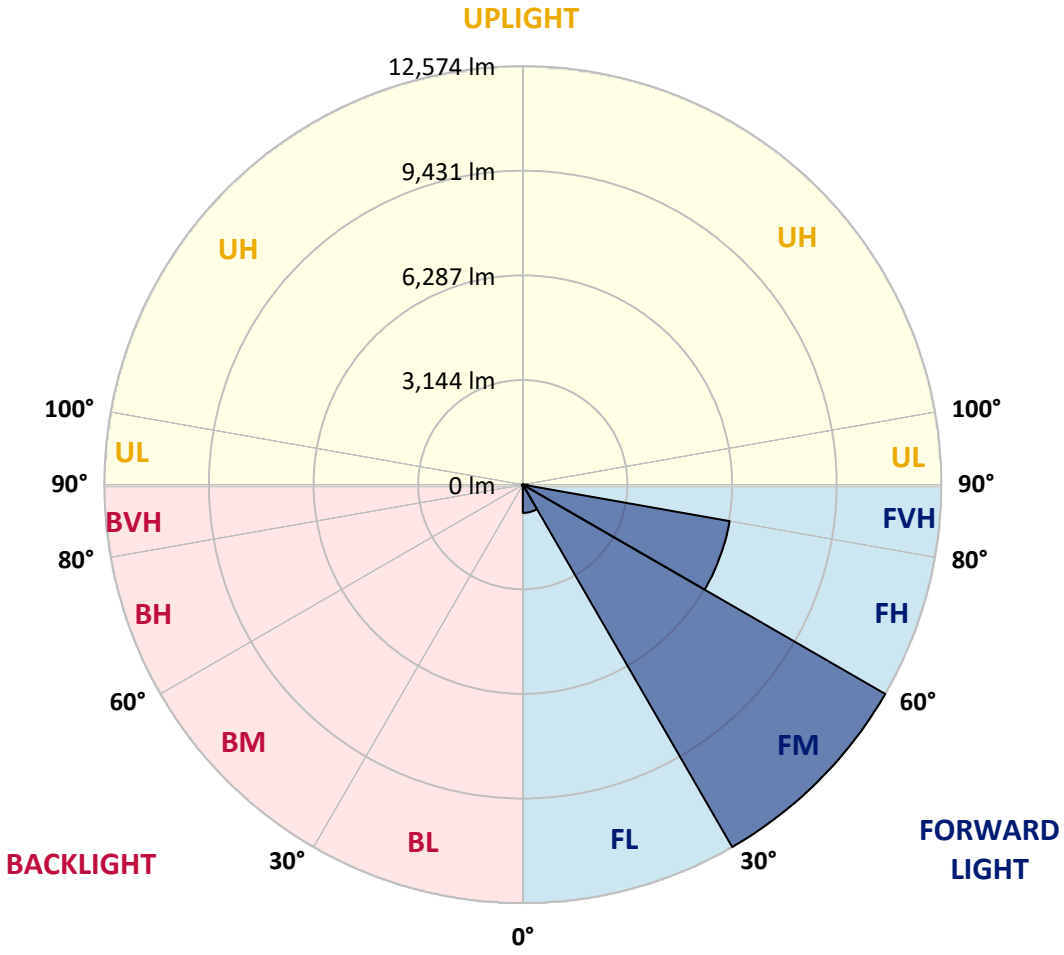
Scaled Data Report

REPORT NUMBER: P1066012
CATALOG NUMBER: NVN-SA4D-727-U-T2BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	849.5	4.3			
FM	(30°-60°)	12574.1	63.0			
FH	(60°-80°)	6310.6	31.6			G3/7500
FVH	(80°-90°)	150.6	0.8			G2/225
BL	(0°-30°)	18.2	0.1	B0/110		
BM	(30°-60°)	26.8	0.1	B0/220		
BH	(60°-80°)	32.3	0.2	B0/110		G0/110
BVH	(80°-90°)	3.7	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 II Short



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

Scaled Data Report

REPORT NUMBER: P1066012
CATALOG NUMBER: NVN-SA4D-727-U-T2BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	64°	65°	75°	85°
0°	131.9	131.9	131.9	131.9	131.9	131.9	131.9	*131.9*	131.9	131.9	131.9
2.5°	175.9	175.9	175.9	170.4	164.9	164.9	159.4	*153.9*	153.9	142.9	137.4
5°	269.3	269.3	258.3	247.3	230.8	208.8	186.9	*170.4*	170.4	153.9	142.9
7.5°	527.6	544.1	494.6	434.2	351.7	296.8	236.3	*197.9*	192.4	164.9	142.9
10°	1143.1	1132.1	1055.2	906.8	714.5	516.6	329.8	*241.8*	230.8	175.9	142.9
12.5°	1720.2	1736.7	1654.3	1489.4	1258.6	917.8	566.1	*313.3*	302.3	192.4	142.9
15°	2214.8	2214.8	2159.9	2077.4	1824.6	1467.4	912.3	*467.1*	428.7	208.8	137.4
17.5°	2555.6	2550.1	2528.1	2506.1	2357.7	1989.5	1396.0	*747.4*	659.5	247.3	137.4
20°	2940.3	2923.8	2951.3	2907.3	2791.9	2500.6	1907.1	*1110.2*	1027.7	313.3	137.4
22.5°	3341.5	3358.0	3380.0	3336.0	3209.6	2956.8	2445.7	*1577.3*	1489.4	434.2	142.9
25°	3852.6	3841.6	3891.1	3852.6	3693.2	3396.4	2951.3	*2088.4*	1962.0	604.5	153.9
27.5°	4479.1	4457.1	4490.1	4391.2	4182.4	3880.1	3401.9	*2610.5*	2462.1	868.3	175.9
30°	5309.0	5325.5	5177.1	5061.7	4764.9	4363.7	3902.1	*3171.1*	3017.2	1181.6	197.9
32.5°	6617.0	6501.6	6270.8	5803.6	5413.4	4902.3	4402.2	*3660.2*	3522.9	1582.8	230.8
35°	8656.0	8678.0	8172.4	7018.2	6171.9	5578.3	4951.8	*4198.8*	4099.9	2039.0	274.8
37.5°	11140.1	11079.7	10634.5	9178.1	7282.0	6419.2	5578.3	*4786.9*	4644.0	2533.6	329.8
40°	13954.0	13701.2	13442.9	12453.6	9595.8	7474.4	6369.7	*5468.4*	5358.5	3105.2	417.7
42.5°	16207.3	16141.4	16185.3	15773.1	13453.9	9271.5	7419.4	*6303.8*	6171.9	3814.1	571.6
45°	17317.5	17224.1	17487.9	17795.6	17202.1	13096.7	9112.1	*7370.0*	7194.1	4649.5	807.9
47.5°	17020.7	16954.8	17520.8	18125.4	18916.8	17531.8	11876.6	*8963.8*	8661.5	5721.2	1159.6
50°	15558.8	15564.3	16493.1	17619.8	18872.8	19779.6	15971.0	*11145.6*	10766.4	7144.6	1709.2
52.5°	14135.4	14179.3	15163.1	16806.4	18218.8	20043.4	19565.3	*14085.9*	13470.4	8820.9	2357.7
55°	12673.5	12695.5	13563.8	15877.6	17911.0	19257.5	21411.9	*17872.6*	17218.6	10909.3	2989.8
57.5°	11266.5	11266.5	11590.8	13646.2	17575.8	19186.1	21192.1	*21335.0*	20801.9	13294.5	3456.9
60°	*8463.6*	*8518.6*	*9326.5*	*10766.4*	*15157.6*	*19290.5*	*20631.5*	*22439.6*	*22439.6*	*16603.0*	*3814.1*
62.5°	4275.8	4358.2	5364.0	6765.4	10398.2	17850.6	20719.4	*21884.5*	21972.5	19521.3	4627.5
65°	2006.0	2099.4	2638.0	3627.3	5594.8	12563.6	19807.1	*21411.9*	21384.4	18966.2	6342.2
67.5°	1439.9	1467.4	1648.8	2115.9	3011.7	5506.9	15119.1	*19999.5*	20010.5	16113.9	7293.0
70°	1291.5	1291.5	1335.5	1472.9	1813.6	2462.1	7348.0	*16196.3*	16982.2	12442.6	6759.9
72.5°	1275.0	1264.0	1253.1	1258.6	1225.6	1236.6	2522.6	*9145.1*	10266.3	8705.5	5391.4
75°	1242.1	1242.1	1231.1	1192.6	978.3	796.9	868.3	*3698.7*	4275.8	5814.6	4001.0
77.5°	983.8	1082.7	1198.1	1126.7	895.8	599.0	505.6	*1071.7*	1352.0	3566.8	2901.8
80°	456.2	461.7	456.2	478.1	571.6	428.7	373.7	*522.1*	527.6	1978.5	1797.1
82.5°	329.8	335.2	318.8	285.8	252.8	230.8	307.8	*384.7*	412.2	906.8	670.5
85°	98.9	93.4	109.9	148.4	175.9	203.3	258.3	*324.3*	340.7	335.2	98.9
87.5°	44.0	44.0	55.0	76.9	104.4	153.9	225.3	*296.8*	302.3	346.2	27.5
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: P1066012
CATALOG NUMBER: NVN-SA4D-727-U-T2BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	131.9	131.9	131.9	131.9	131.9	131.9	131.9	131.9	131.9	131.9	131.9
2.5°	137.4	131.9	126.4	120.9	115.4	109.9	104.4	104.4	109.9	109.9	109.9
5°	131.9	126.4	115.4	104.4	98.9	93.4	87.9	87.9	93.4	93.4	93.4
7.5°	131.9	120.9	109.9	98.9	87.9	82.4	76.9	76.9	76.9	82.4	82.4
10°	131.9	120.9	104.4	87.9	76.9	71.4	66.0	60.5	66.0	66.0	66.0
12.5°	126.4	115.4	98.9	82.4	66.0	55.0	49.5	49.5	49.5	49.5	49.5
15°	120.9	109.9	93.4	71.4	55.0	44.0	33.0	33.0	33.0	38.5	38.5
17.5°	115.4	104.4	82.4	55.0	38.5	27.5	22.0	22.0	22.0	27.5	27.5
20°	115.4	98.9	71.4	44.0	27.5	16.5	11.0	11.0	11.0	16.5	22.0
22.5°	115.4	98.9	66.0	33.0	16.5	11.0	5.5	5.5	5.5	5.5	5.5
25°	115.4	93.4	60.5	27.5	11.0	5.5	0.0	0.0	5.5	11.0	16.5
27.5°	115.4	87.9	49.5	16.5	11.0	5.5	0.0	5.5	11.0	11.0	11.0
30°	115.4	87.9	44.0	16.5	5.5	0.0	0.0	5.5	11.0	11.0	16.5
32.5°	120.9	82.4	38.5	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35°	126.4	76.9	33.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.5°	137.4	76.9	22.0	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40°	153.9	82.4	22.0	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	192.4	87.9	16.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	269.3	109.9	16.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	395.7	164.9	16.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	577.1	225.3	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	709.0	225.3	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	703.5	142.9	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	538.6	98.9	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60°	*456.2*	*71.4*	*5.5*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
62.5°	549.6	55.0	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	978.3	49.5	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	1571.8	49.5	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	1758.7	49.5	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1374.0	44.0	5.5	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	752.9	38.5	5.5	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	379.2	27.5	11.0	5.5	5.5	0.0	0.0	0.0	0.0	0.0	0.0
80°	159.4	22.0	11.0	5.5	5.5	5.5	0.0	0.0	0.0	0.0	0.0
82.5°	55.0	22.0	11.0	11.0	5.5	5.5	0.0	0.0	0.0	0.0	0.0
85°	27.5	16.5	16.5	11.0	11.0	5.5	5.5	0.0	0.0	0.0	0.0
87.5°	16.5	16.5	16.5	11.0	11.0	5.5	5.5	0.0	0.0	0.0	5.5
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: SP1-2407-184-3

Test Date: 10/09/2024

Luminaire Tested: GSS-SB1A-727-U-5WQ

Data in this report applies to families of products including GSS-SB1A-727-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

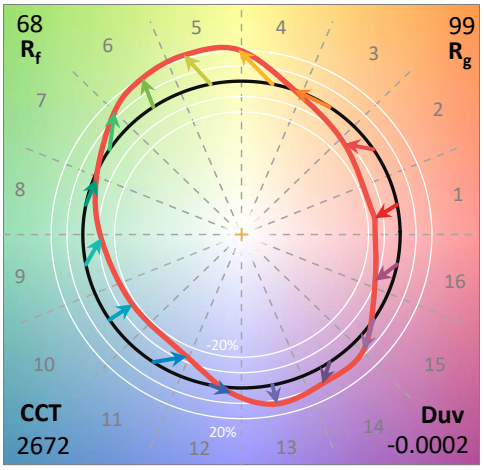
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-3
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-727-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 70 CRI 2700K CCT 26 LEDS

Spectral Parameters

CCT (K):	2672
CIE u':	0.2638
CIE v':	0.5276
Duv:	-0.0002
CIE x:	0.4619
CIE y:	0.4106
CIE z:	0.1275
Peak Wavelength (nm):	601
Dominant Wavelength (nm):	584
Purity:	61.88407
Rf:	67.9
Rg:	98.6

CRI (Ra):	71.1
R1:	68.3
R2:	79.8
R3:	91.2
R4:	69.4
R5:	66.5
R6:	72.6
R7:	77.0
R8:	44.1
R9:	-27.8
R10:	54.4
R11:	65.8
R12:	45.6
R13:	69.8
R14:	94.5
R15:	60.1



Test Conditions

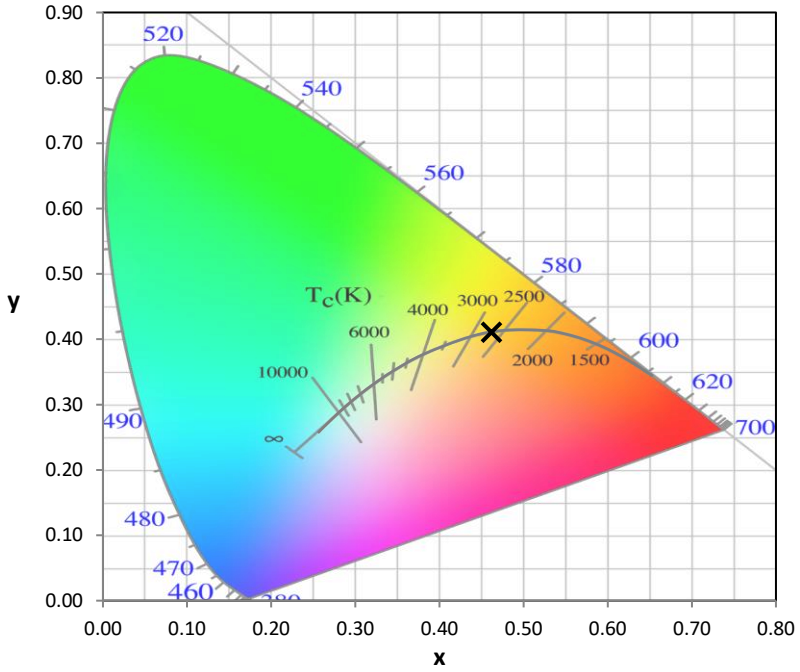
Stabilization Time:	21M
Operation Time:	1H 21M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-3

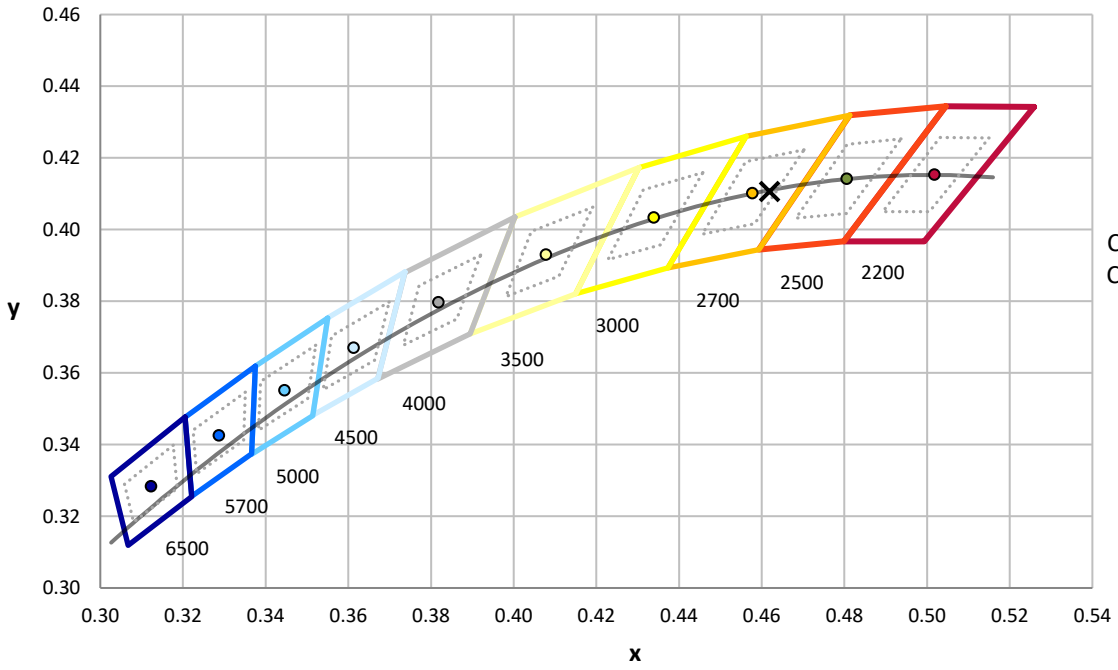
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-3

CIE 1931 Chromaticity Diagram



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

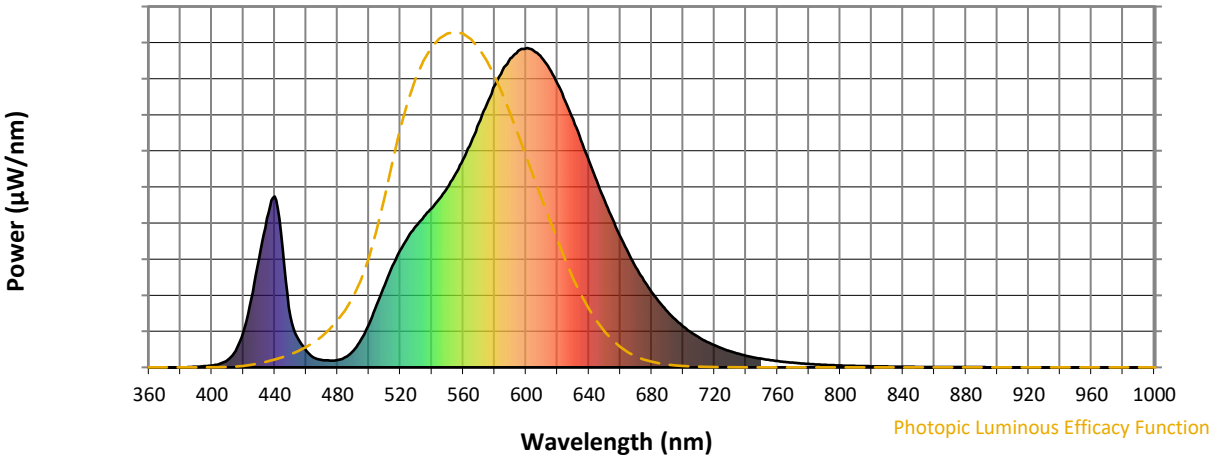


CCT = 2672K
CIE x = 0.4619
CIE y = 0.4106
Duv = -0.0002

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-3

Photopic Flux vs. Wavelength

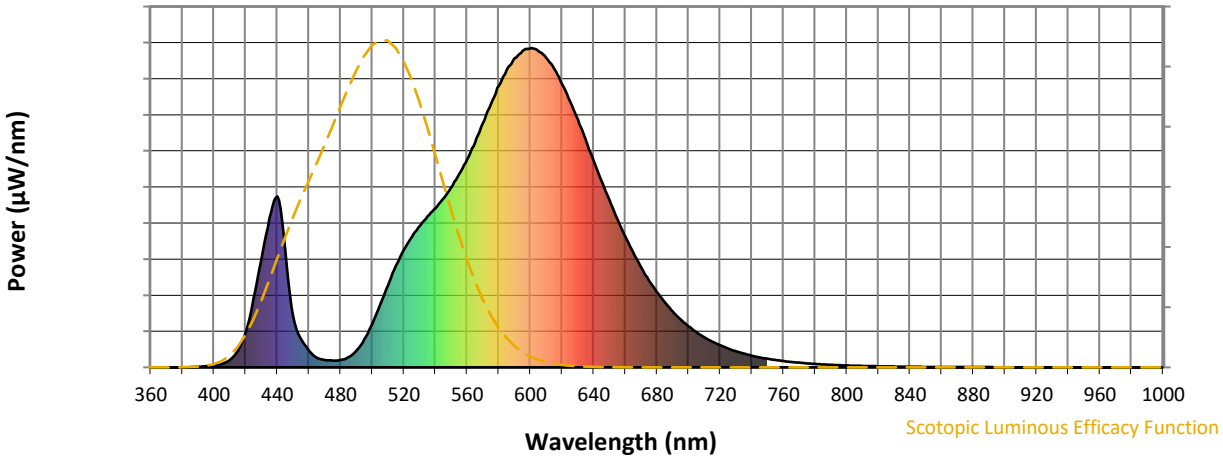


Photopic Lumens: NR

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-3

Scotopic Flux vs. Wavelength

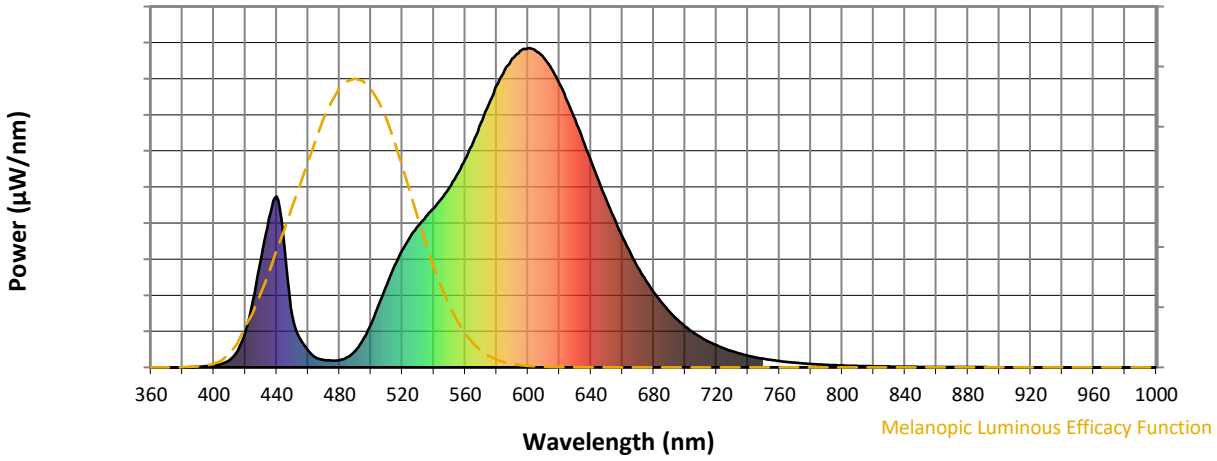


Scotopic Lumens: NR **S/P: 1.02**

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-3

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 1.71**

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	52	NR	620	888	NR	750	27	NR	880	1	NR
365	0	NR	495	87	NR	625	834	NR	755	23	NR	885	1	NR
370	0	NR	500	135	NR	630	776	NR	760	20	NR	890	1	NR
375	0	NR	505	196	NR	635	712	NR	765	17	NR	895	0	NR
380	0	NR	510	258	NR	640	648	NR	770	15	NR	900	0	NR
385	1	NR	515	317	NR	645	583	NR	775	12	NR	905	0	NR
390	2	NR	520	368	NR	650	523	NR	780	11	NR	910	0	NR
395	4	NR	525	408	NR	655	465	NR	785	9	NR	915	0	NR
400	6	NR	530	443	NR	660	410	NR	790	8	NR	920	0	NR
405	11	NR	535	473	NR	665	360	NR	795	7	NR	925	0	NR
410	23	NR	540	498	NR	670	313	NR	800	6	NR	930	0	NR
415	51	NR	545	530	NR	675	272	NR	805	5	NR	935	0	NR
420	111	NR	550	563	NR	680	236	NR	810	4	NR	940	0	NR
425	214	NR	555	605	NR	685	203	NR	815	4	NR	945	0	NR
430	339	NR	560	651	NR	690	175	NR	820	3	NR	950	0	NR
435	467	NR	565	705	NR	695	150	NR	825	3	NR	955	0	NR
440	535	NR	570	765	NR	700	128	NR	830	3	NR	960	0	NR
445	372	NR	575	824	NR	705	110	NR	835	2	NR	965	0	NR
450	160	NR	580	882	NR	710	94	NR	840	2	NR	970	0	NR
455	89	NR	585	930	NR	715	80	NR	845	2	NR	975	0	NR
460	53	NR	590	968	NR	720	69	NR	850	1	NR	980	0	NR
465	31	NR	595	991	NR	725	59	NR	855	1	NR	985	0	NR
470	23	NR	600	999	NR	730	50	NR	860	1	NR	990	0	NR
475	21	NR	605	992	NR	735	43	NR	865	1	NR	995	0	NR
480	23	NR	610	969	NR	740	36	NR	870	1	NR	1000	0	NR
485	32	NR	615	935	NR	745	31	NR	875	1	NR			

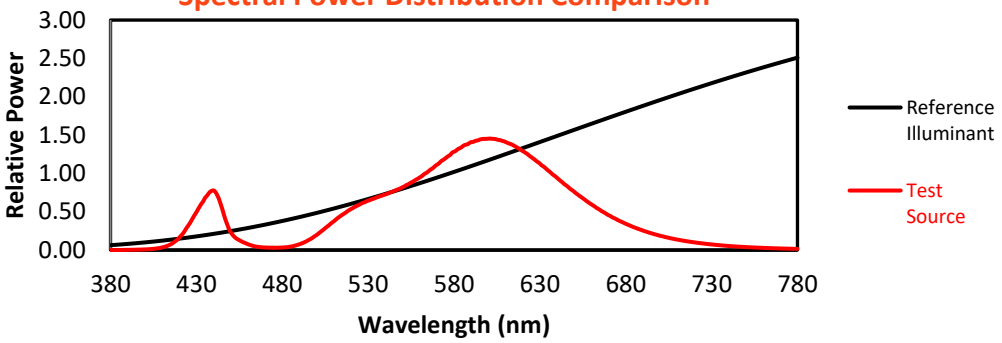
REPORT NUMBER: SP1-2407-184-3

TM-30-18

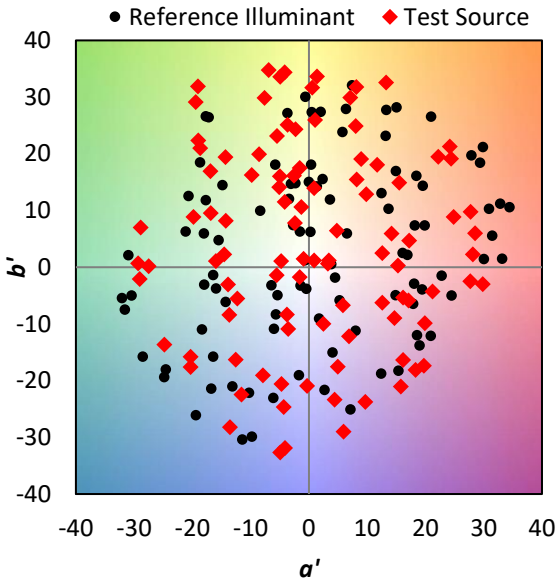
Summary

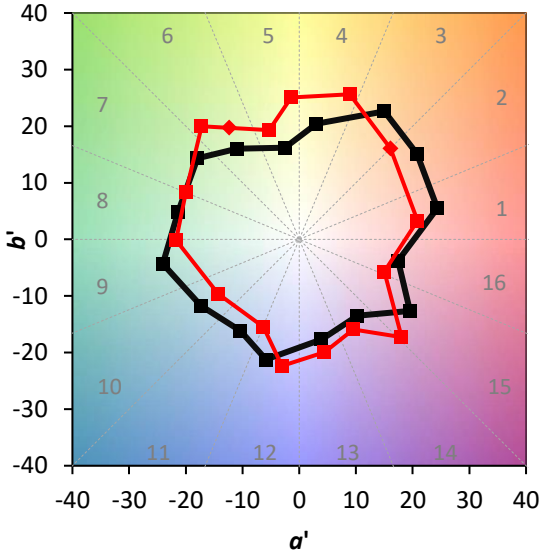
R_f = 67.9
R_g = 98.6
CIE R_a = 71.1
R_9 = -27.8

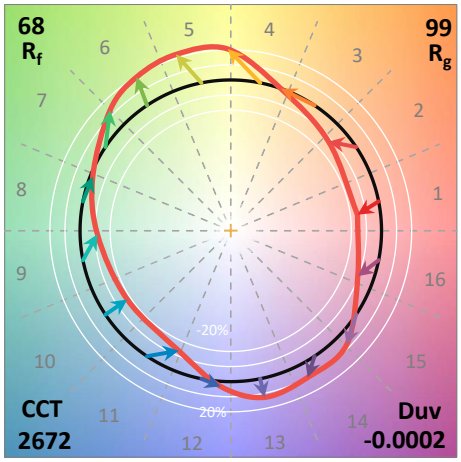
Spectral Power Distribution Comparison

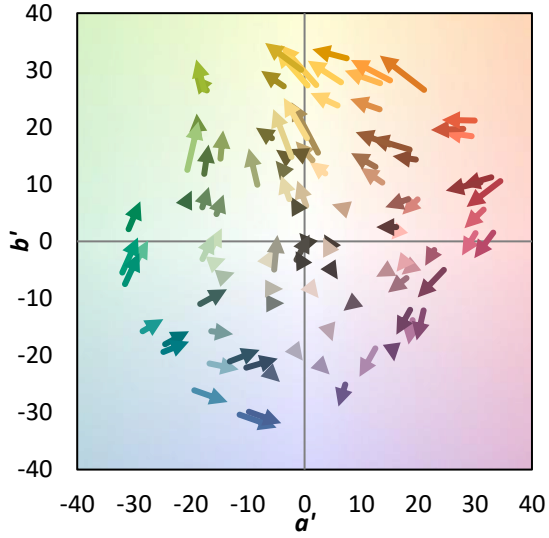


Color Vector Graphics







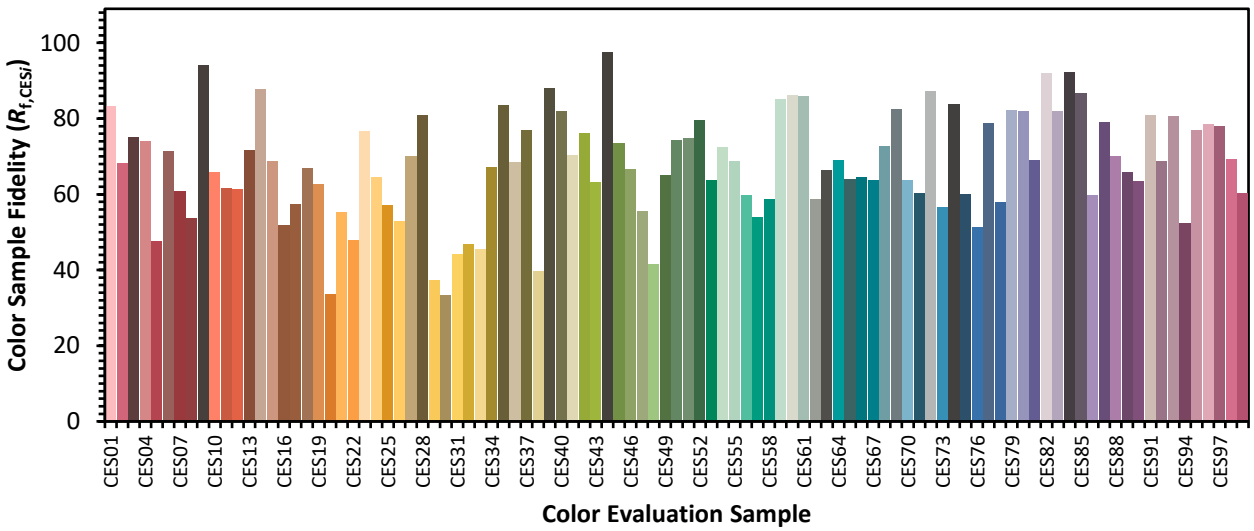


REPORT NUMBER: SP1-2407-184-3

TM-30-18

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

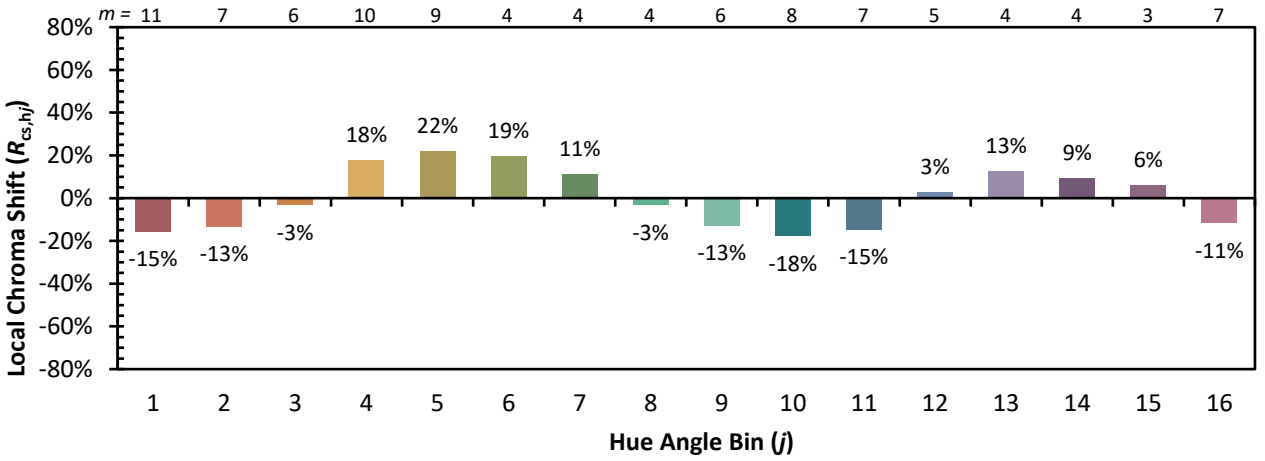
CES01 = 86	CES26 = 53	CES51 = 75	CES76 = 51
CES02 = 63	CES27 = 70	CES52 = 80	CES77 = 79
CES03 = 31	CES28 = 81	CES53 = 64	CES78 = 58
CES04 = 71	CES29 = 37	CES54 = 73	CES79 = 82
CES05 = 50	CES30 = 33	CES55 = 69	CES80 = 82
CES06 = 52	CES31 = 44	CES56 = 60	CES81 = 69
CES07 = 42	CES32 = 47	CES57 = 54	CES82 = 92
CES08 = 41	CES33 = 45	CES58 = 59	CES83 = 82
CES09 = 29	CES34 = 67	CES59 = 85	CES84 = 92
CES10 = 77	CES35 = 84	CES60 = 86	CES85 = 87
CES11 = 60	CES36 = 68	CES61 = 86	CES86 = 60
CES12 = 66	CES37 = 77	CES62 = 59	CES87 = 79
CES13 = 44	CES38 = 40	CES63 = 66	CES88 = 70
CES14 = 74	CES39 = 88	CES64 = 69	CES89 = 66
CES15 = 72	CES40 = 82	CES65 = 64	CES90 = 64
CES16 = 48	CES41 = 70	CES66 = 65	CES91 = 81
CES17 = 51	CES42 = 76	CES67 = 64	CES92 = 69
CES18 = 57	CES43 = 63	CES68 = 73	CES93 = 81
CES19 = 73	CES44 = 97	CES69 = 83	CES94 = 53
CES20 = 67	CES45 = 74	CES70 = 64	CES95 = 77
CES21 = 88	CES46 = 67	CES71 = 60	CES96 = 79
CES22 = 80	CES47 = 55	CES72 = 87	CES97 = 78
CES23 = 92	CES48 = 42	CES73 = 57	CES98 = 69
CES24 = 92	CES49 = 65	CES74 = 84	CES99 = 60
CES25 = 73	CES50 = 74	CES75 = 60	

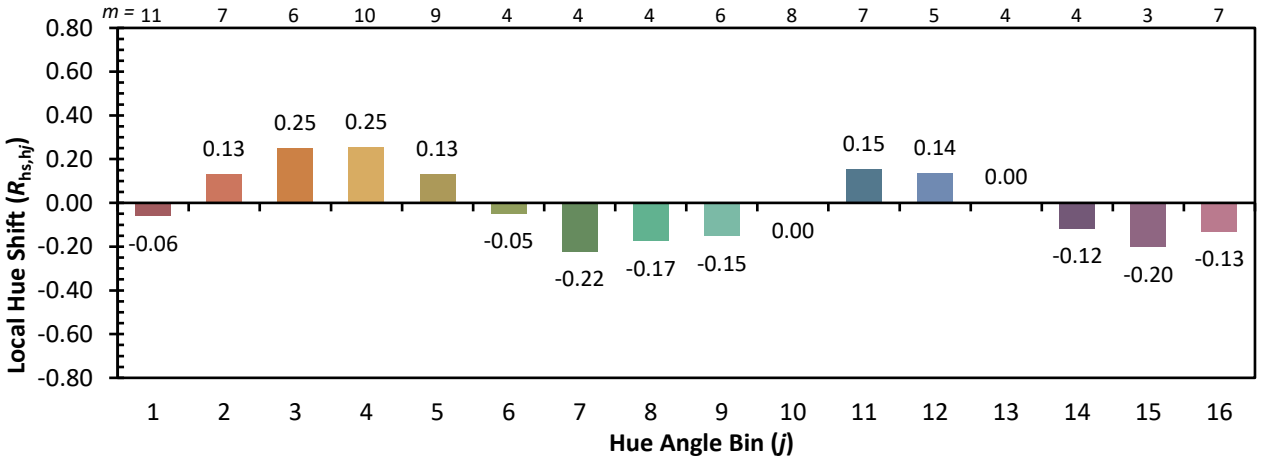


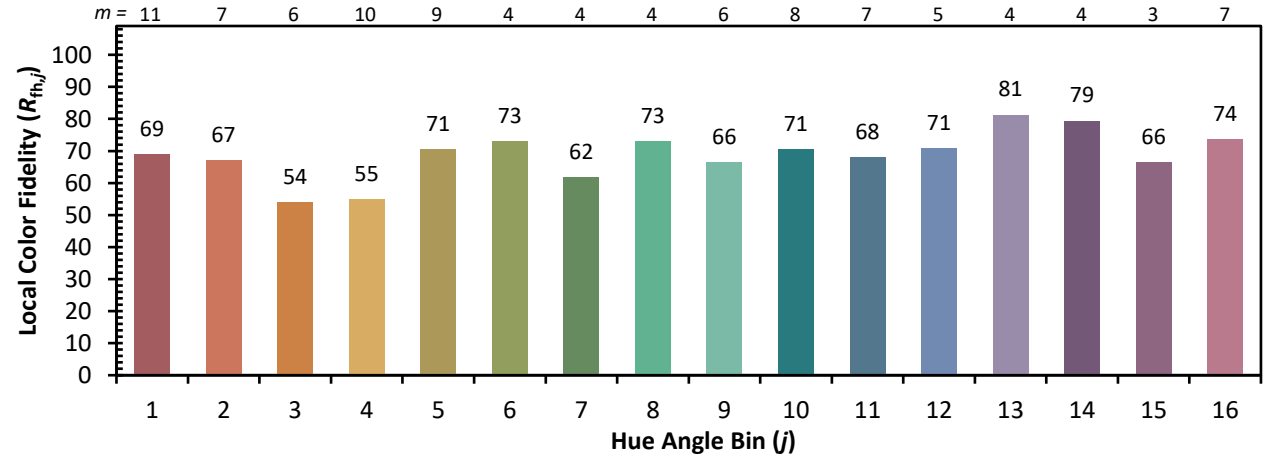
REPORT NUMBER: SP1-2407-184-3

TM-30-18

Color Rendition by Hue-Angle Bin



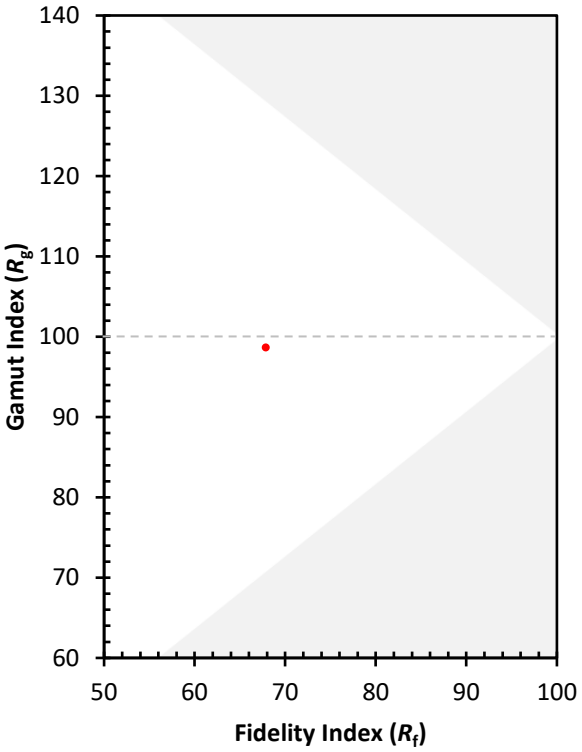


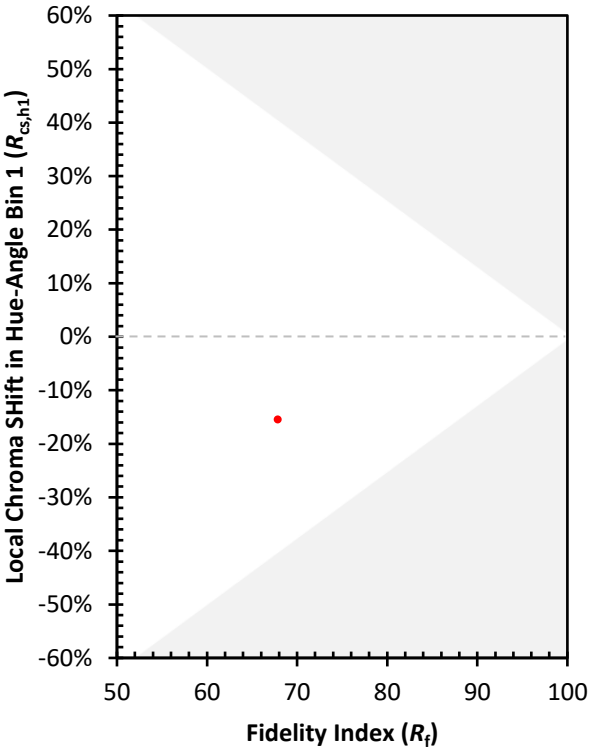


REPORT NUMBER: SP1-2407-184-3

TM-30-18

Measure Comparisons





(END OF REPORT)