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: P1067100

Luminaire Tested: **NAV-SA6D-827-U-T3BC**

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:	P1067100
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	08/07/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line:	LUMARK
Catalog Number:	NAV-SA6D-827-U-T3BC
Description:	Navion AREA AND ROADWAY LUMINAIRE 1200mA 6xLight Square PACKAGE 80CRI 2700K FIXTURE w/ TYPE III ANGLED BACKLIGHT CONTROL
Light Source:	(84) 2700K CCT, 80 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	28045.5 lumens
Efficiency:	N/A
Efficacy:	87.5 lumens/watt
Luminous Opening:	Rectangular (W 1' x L: 1.5' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B0 - U0 - G4

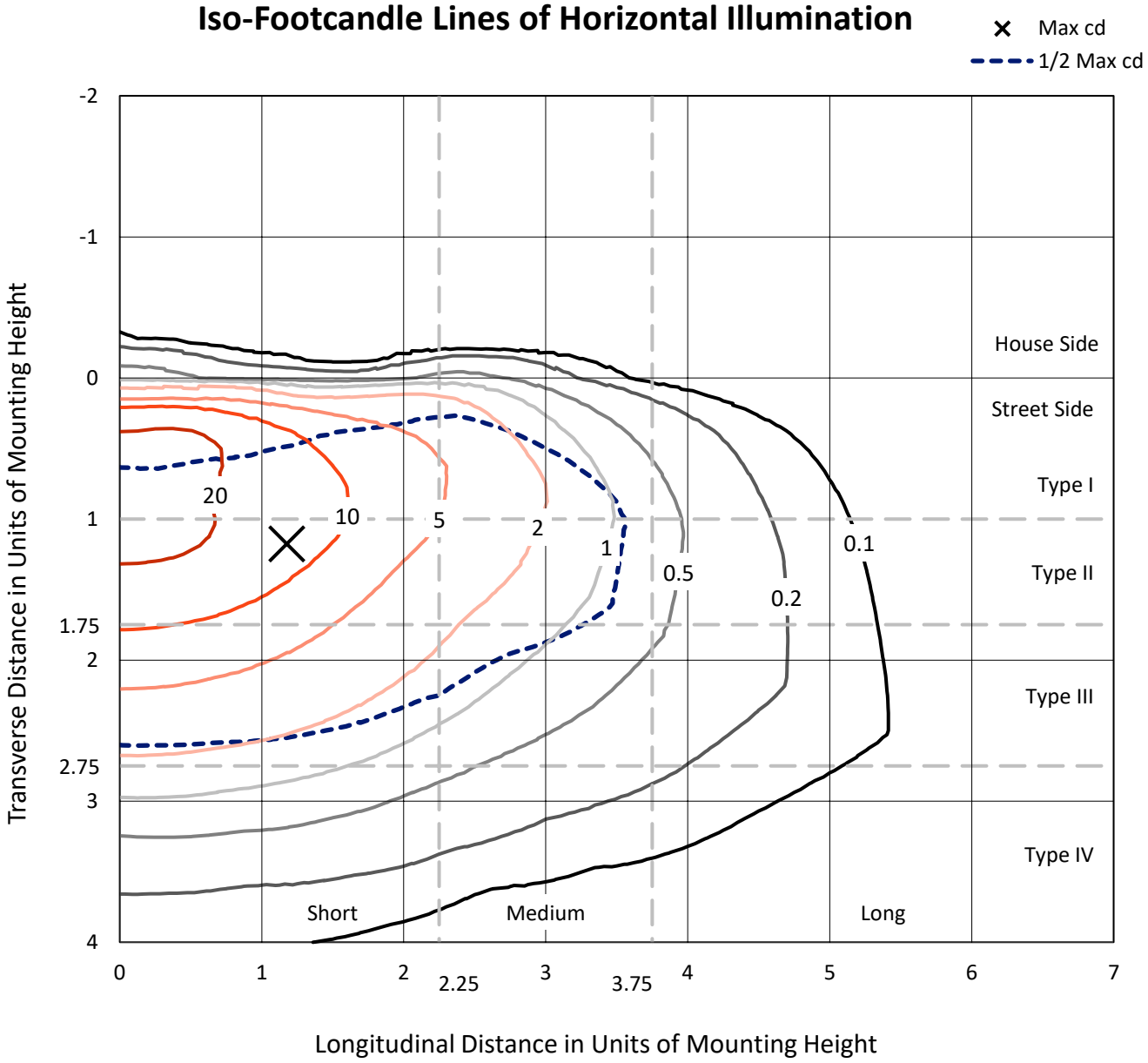
Input Watts (W):	320.4
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.97
Total Harmonic Distortion (THDi):	NR
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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

Scaled Data Report

REPORT NUMBER: P1067100
CATALOG NUMBER: NAV-SA6D-827-U-T3BC

Iso-Footcandle Lines of Horizontal Illumination



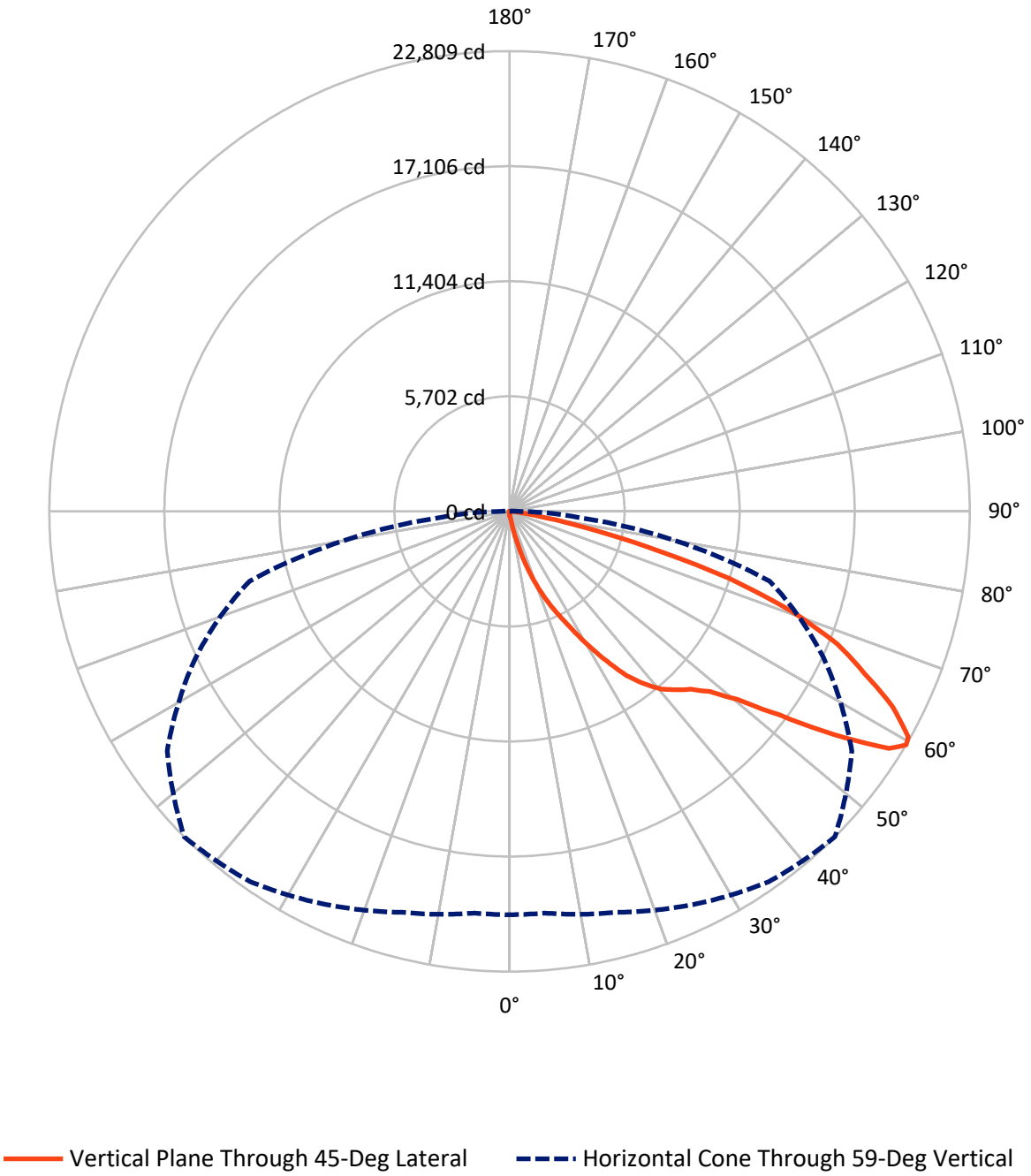
Based on 15 foot mounting height. Maximum calculated value = 30.6 fc
Type III - Short - N/A

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

Scaled Data Report

REPORT NUMBER: P1067100
CATALOG NUMBER: NAV-SA6D-827-U-T3BC

Luminous Intensity Polar Plot



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

Scaled Data Report

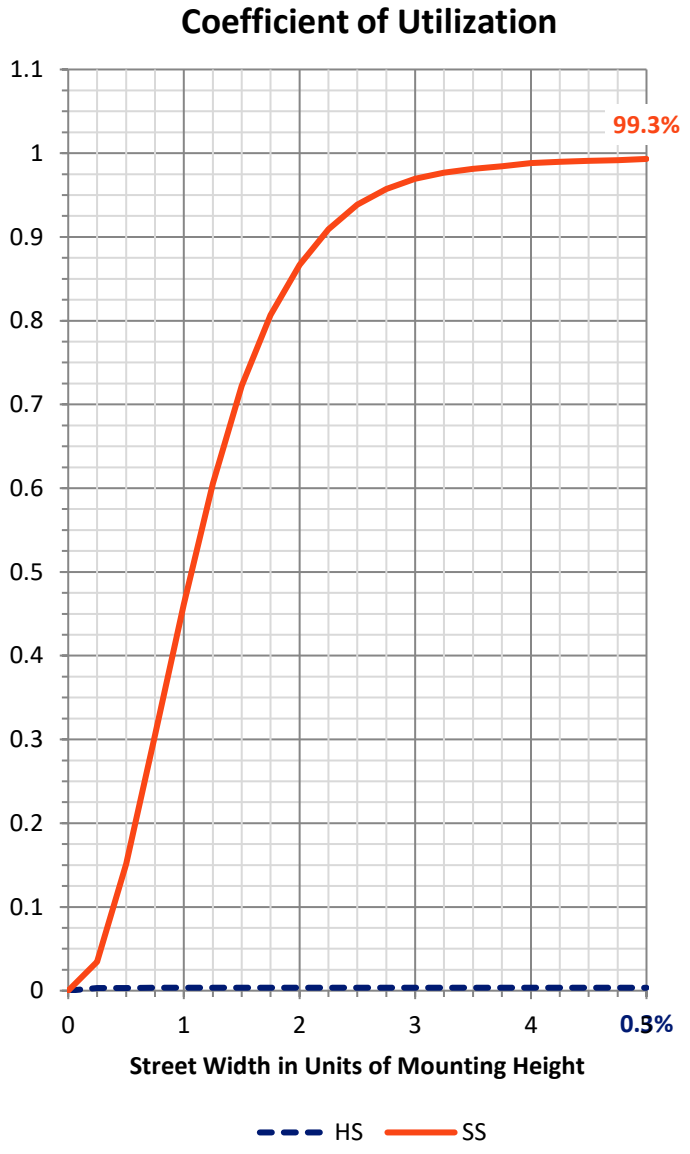
REPORT NUMBER: P1067100
CATALOG NUMBER: NAV-SA6D-827-U-T3BC

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	99.6	0.0	99.6
	% Fixture	0.4	0.0	0.4
Street Side	Lumens	27945.9	0.0	27945.9
	% Fixture	99.6	0.0	99.6
Total	Lumens	28045.5	0.0	28045.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.1	0.1
10°-20°	310.0	1.1
20°-30°	1113.8	4.0
30°-40°	2588.2	9.2
40°-50°	4411.4	15.7
50°-60°	7268.8	25.9
60°-70°	8404.4	30.0
70°-80°	3610.8	12.9
80°-90°	312.0	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°	28045.5	100.0
0°-180°	28045.5	100.0



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

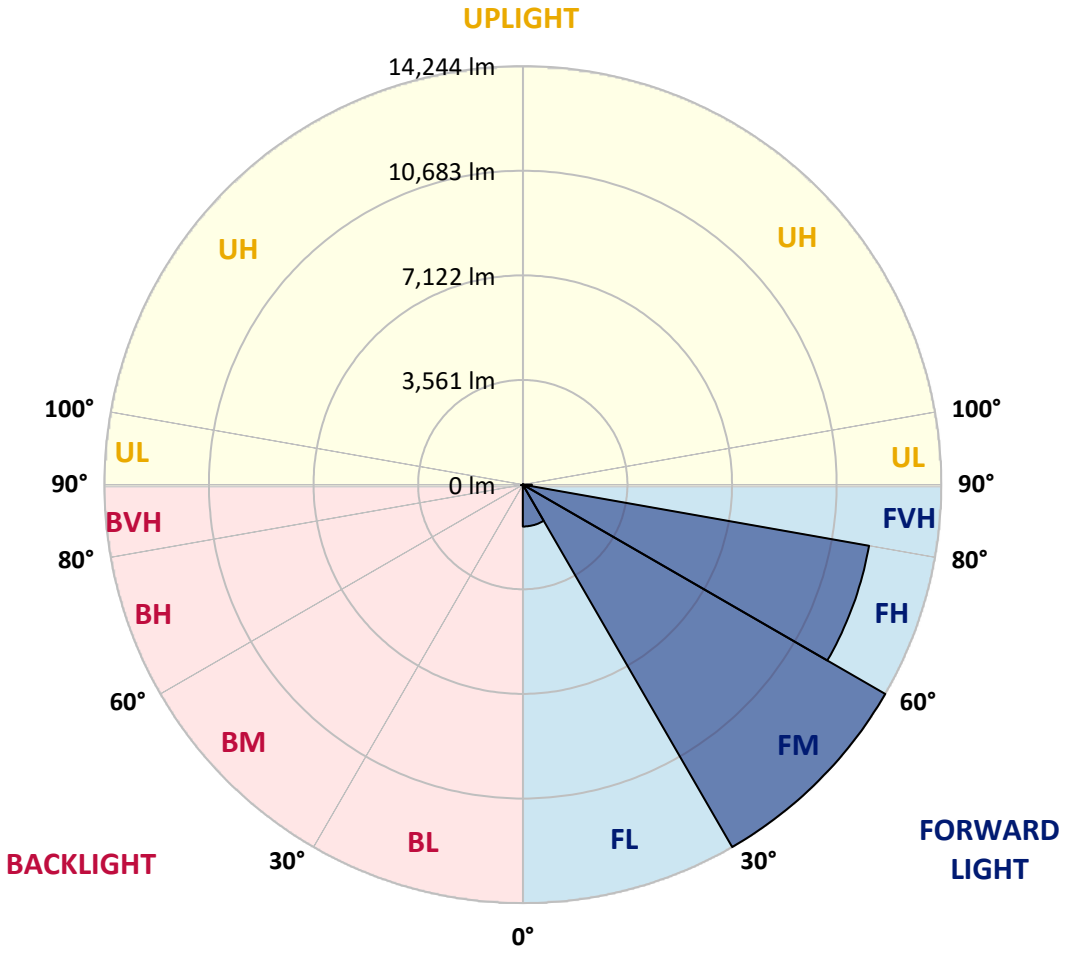
Scaled Data Report

REPORT NUMBER: P1067100
CATALOG NUMBER: NAV-SA6D-827-U-T3BC

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1425.3	5.1			
FM	(30°-60°)	14244.3	50.8			
FH	(60°-80°)	11968.3	42.7			G4/12000
FVH	(80°-90°)	308.0	1.1			G3/500
BL	(0°-30°)	24.6	0.1	B0/110		
BM	(30°-60°)	24.1	0.1	B0/220		
BH	(60°-80°)	46.8	0.2	B0/110		G0/110
BVH	(80°-90°)	4.1	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



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

Scaled Data Report

REPORT NUMBER: P1067100
CATALOG NUMBER: NAV-SA6D-827-U-T3BC

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	44°	45°	55°	65°	75°	85°
0°	177.3	177.3	177.3	177.3	177.3	177.3	*177.3*	177.3	177.3	177.3	177.3
2.5°	230.1	230.1	224.4	216.9	215.0	209.3	*209.3*	203.7	196.1	190.5	182.9
5°	333.8	331.9	316.8	298.0	273.4	258.4	*258.4*	237.6	218.8	201.8	186.7
7.5°	729.8	712.8	658.1	567.6	448.8	369.6	*364.0*	296.1	250.8	216.9	188.6
10°	1674.6	1616.1	1538.8	1321.9	976.8	682.7	*669.5*	431.8	299.8	233.8	192.4
12.5°	2743.8	2791.0	2636.3	2295.0	1891.4	1406.8	*1312.5*	727.9	396.0	256.5	196.1
15°	3716.9	3705.6	3618.8	3339.7	2873.9	2229.0	*2170.5*	1265.4	567.6	292.3	199.9
17.5°	4444.8	4431.6	4348.6	4169.5	3811.2	3166.2	*3115.3*	2017.8	890.1	343.2	203.7
20°	5212.3	5195.3	5078.4	4935.1	4622.1	4073.3	*4013.0*	2858.9	1393.6	426.2	203.7
22.5°	6132.6	6100.5	5976.1	5732.8	5402.8	4925.7	*4871.0*	3718.8	2017.8	562.0	213.1
25°	7245.2	7190.5	7018.9	6800.1	6402.2	5768.6	*5710.2*	4676.7	2770.2	767.5	222.5
27.5°	8514.3	8523.7	8291.8	7922.2	7388.5	6741.7	*6632.3*	5534.8	3549.0	1061.7	233.8
30°	10021.1	9926.8	9600.5	9170.6	8652.0	7827.9	*7722.3*	6389.0	4424.1	1495.4	252.7
32.5°	11431.6	11329.8	10890.4	10349.2	9792.9	8923.5	*8836.8*	7348.9	5219.9	2008.4	286.6
35°	12642.3	12570.6	11955.9	11295.9	10801.8	10024.8	*9998.4*	8420.0	6155.2	2560.9	324.4
37.5°	13707.8	13577.7	12787.5	12103.0	11601.3	10905.5	*10848.9*	9400.6	7056.6	3202.1	380.9
40°	14616.7	14545.1	13581.4	12681.9	12274.6	11652.3	*11580.6*	10260.6	7988.2	3946.9	450.7
42.5°	15589.8	15495.5	14560.1	13551.3	12800.7	12135.0	*12087.9*	10969.6	8817.9	4765.4	554.4
45°	16689.2	16513.8	15693.5	14788.3	13647.4	12634.8	*12582.0*	11601.3	9668.4	5644.2	680.8
47.5°	17864.0	17711.3	17047.5	16412.0	15099.5	13458.8	*13345.7*	12138.8	10513.3	6658.7	841.1
50°	19059.6	19063.4	18565.6	18260.1	16874.0	14797.8	*14637.5*	12928.9	11401.5	7744.9	1078.7
52.5°	20451.3	20487.2	20479.6	20253.3	19178.4	16987.2	*16772.2*	14128.3	12433.0	9012.2	1406.8
55°	21034.0	21098.2	21514.9	22016.5	21724.2	19763.0	*19533.0*	16197.0	13800.2	10424.6	1893.3
57.5°	20556.9	20628.6	21203.8	22082.5	22753.9	22193.8	*22167.4*	18889.9	15601.1	12136.9	2689.1
59°	*19989.3*	*19979.9*	*20570.1*	*21501.7*	*22406.9*	*22770.9*	*22808.6*	*20711.6*	*17170.1*	*13338.2*	*3375.6*
60°	19612.2	19619.7	20012.0	20968.0	21929.8	22561.5	*22708.6*	21784.6	18086.6	14201.8	3963.9
62.5°	18156.3	18243.1	18554.2	19442.4	20355.2	21060.4	*21311.3*	22740.7	20709.7	16242.3	6010.0
65°	16574.2	16579.8	17023.0	17783.0	18658.0	19153.9	*19312.3*	21252.8	22461.6	18320.4	8693.5
67.5°	13751.1	13866.2	14369.7	15601.1	16757.1	17385.1	*17505.7*	18499.6	21735.6	19674.4	10038.0
70°	9623.2	9774.0	10492.5	12089.8	13811.5	14843.0	*14835.5*	15378.6	19129.4	19070.9	8510.5
72.5°	4805.0	5065.2	5651.7	7362.1	9447.8	11067.7	*11409.0*	12370.7	15367.3	15840.6	6349.4
75°	2123.4	2138.5	2472.3	3334.1	4695.6	6753.0	*7058.5*	9819.3	11789.9	11009.2	4586.2
77.5°	1235.2	1246.5	1306.8	1497.3	1902.8	3309.6	*3652.8*	6440.0	8331.4	6398.5	2990.9
80°	448.8	460.1	458.2	567.6	833.5	1303.1	*1452.1*	3121.0	5557.4	3369.9	1567.1
82.5°	275.3	275.3	265.9	267.8	303.6	499.7	*546.9*	1329.5	2706.1	1659.5	448.8
85°	135.8	143.3	152.7	171.6	203.7	247.0	*262.1*	380.9	910.8	401.7	107.5
87.5°	81.1	83.0	90.5	109.4	135.8	177.3	*188.6*	258.4	326.2	269.7	26.4
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: P1067100
CATALOG NUMBER: NAV-SA6D-827-U-T3BC

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	177.3	177.3	177.3	177.3	177.3	177.3	177.3	177.3	177.3	177.3	177.3
2.5°	179.1	177.3	167.8	160.3	152.7	145.2	139.5	133.9	133.9	135.8	133.9
5°	179.1	171.6	156.5	143.3	132.0	122.6	113.1	105.6	103.7	103.7	105.6
7.5°	177.3	167.8	147.1	130.1	115.0	101.8	92.4	83.0	81.1	83.0	81.1
10°	175.4	164.1	139.5	118.8	98.1	84.9	71.7	62.2	62.2	62.2	64.1
12.5°	175.4	158.4	132.0	107.5	84.9	69.8	56.6	47.1	45.3	45.3	45.3
15°	173.5	154.6	124.5	94.3	71.7	52.8	41.5	32.1	32.1	32.1	32.1
17.5°	169.7	149.0	115.0	83.0	56.6	39.6	28.3	18.9	18.9	22.6	22.6
20°	165.9	143.3	103.7	67.9	47.1	30.2	18.9	11.3	11.3	17.0	18.9
22.5°	167.8	143.3	96.2	60.3	37.7	22.6	15.1	9.4	7.5	13.2	17.0
25°	169.7	139.5	86.7	52.8	28.3	17.0	11.3	3.8	1.9	3.8	5.7
27.5°	169.7	135.8	75.4	41.5	20.7	13.2	5.7	0.0	0.0	0.0	0.0
30°	167.8	130.1	66.0	33.9	15.1	7.5	1.9	0.0	0.0	0.0	0.0
32.5°	165.9	124.5	60.3	26.4	13.2	3.8	0.0	0.0	0.0	0.0	0.0
35°	167.8	116.9	52.8	20.7	7.5	0.0	0.0	0.0	0.0	0.0	3.8
37.5°	173.5	109.4	45.3	17.0	5.7	0.0	0.0	0.0	0.0	0.0	0.0
40°	181.0	103.7	37.7	13.2	1.9	0.0	0.0	0.0	0.0	0.0	0.0
42.5°	196.1	103.7	33.9	9.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45°	215.0	103.7	28.3	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.5°	239.5	105.6	24.5	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50°	269.7	109.4	22.6	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.5°	292.3	105.6	20.7	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55°	331.9	101.8	18.9	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
57.5°	384.7	96.2	18.9	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
59°	*437.5*	*88.6*	*18.9*	*1.9*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*	*0.0*
60°	497.8	84.9	17.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	822.2	75.4	15.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	1587.8	71.7	13.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	2566.6	71.7	9.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	2698.6	71.7	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	1795.3	58.5	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	961.8	52.8	5.7	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	518.6	49.0	7.5	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	228.2	35.8	9.4	5.7	3.8	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	90.5	24.5	11.3	9.4	7.5	3.8	0.0	0.0	0.0	0.0	0.0
85°	43.4	18.9	15.1	13.2	9.4	5.7	0.0	0.0	0.0	0.0	0.0
87.5°	20.7	18.9	17.0	15.1	13.2	9.4	1.9	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

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: SP1-2407-184-8

Test Date: 10/10/2024

Luminaire Tested: GSS-SB1A-827-U-5WQ

Data in this report applies to families of products including GSS-SB1A-827-U-5WQ

Report Generated By FNC07603 / LDUCLS01DT446
Version: v7.04

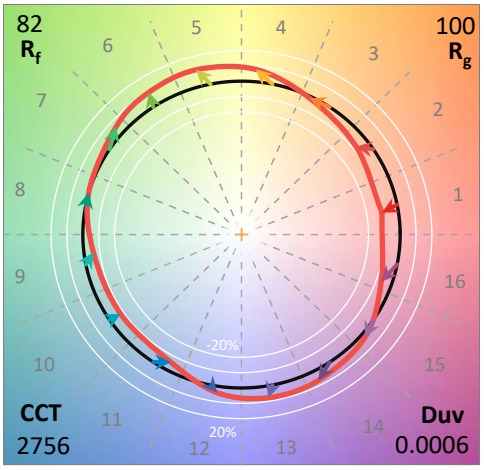
Test Information

Test Method:	LM-79-2019
Report Number:	SP1-2407-184-8
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-827-U-5WQ**
Description:	GALLEON II SITE SLIM 1SQ 350MA 5WQ HIGH DENSITY LIGHTSQUARE WITH 80 CRI 2700K CCT 26 LEDS

Spectral Parameters

CCT (K):	2756
CIE u':	0.2599
CIE v':	0.5271
Duv:	0.0006
CIE x:	0.4563
CIE y:	0.4112
CIE z:	0.1325
Peak Wavelength (nm):	609
Dominant Wavelength (nm):	583
Purity:	60.41121
Rf:	82.2
Rg:	99.9

CRI (Ra):	82.9
R1:	81.6
R2:	88.8
R3:	96.0
R4:	83.4
R5:	81.4
R6:	87.0
R7:	84.0
R8:	60.8
R9:	10.8
R10:	74.8
R11:	84.3
R12:	72.1
R13:	82.9
R14:	97.3
R15:	73.7



Test Conditions

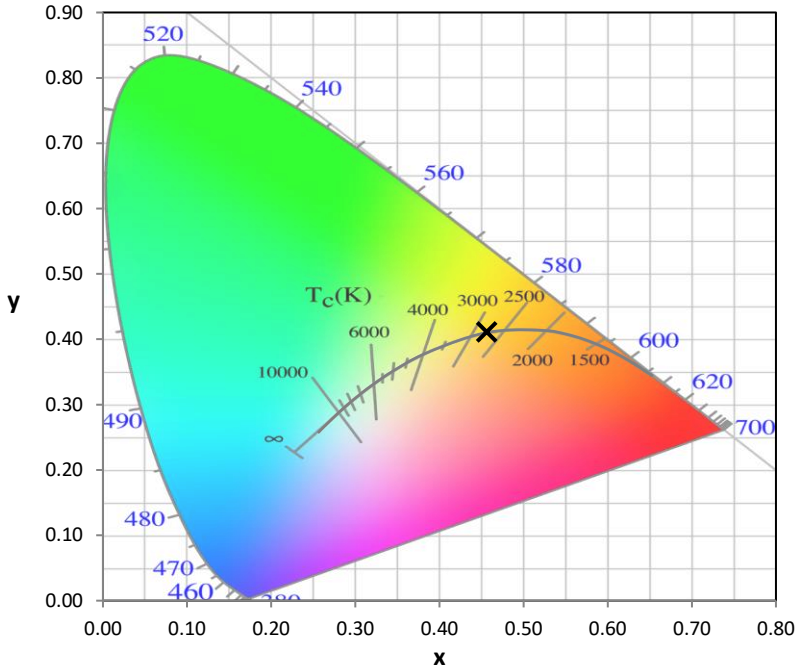
Stabilization Time:	29M
Operation Time:	1H 29M
Sphere Temperature (°C):	25.2

REPORT NUMBER: SP1-2407-184-8

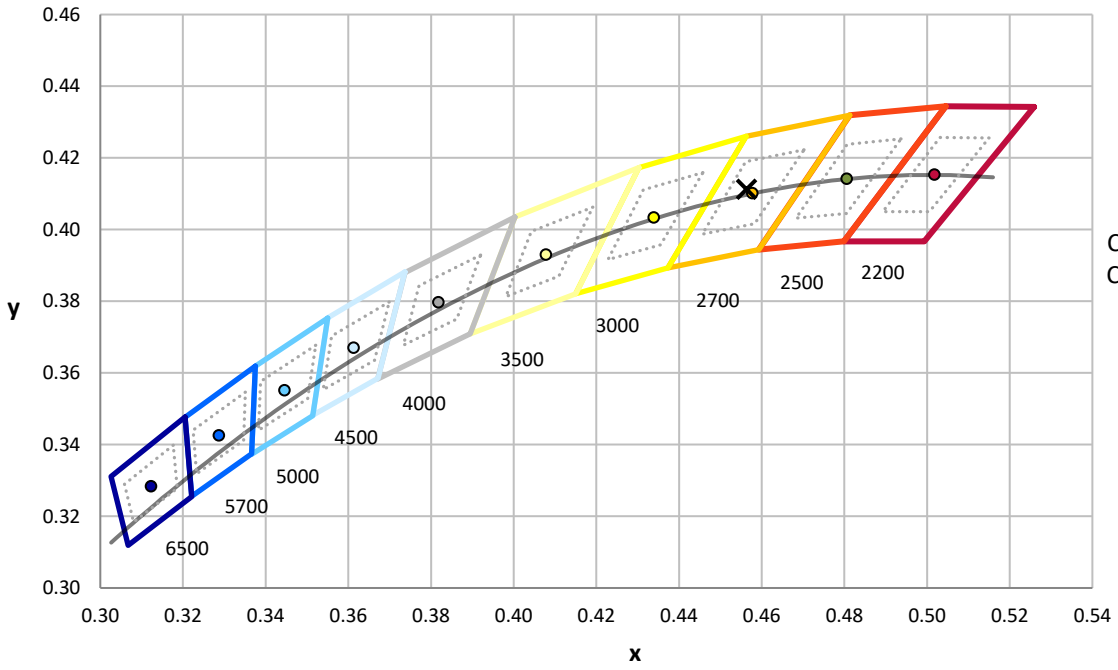
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085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

REPORT NUMBER: SP1-2407-184-8

CIE 1931 Chromaticity Diagram



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

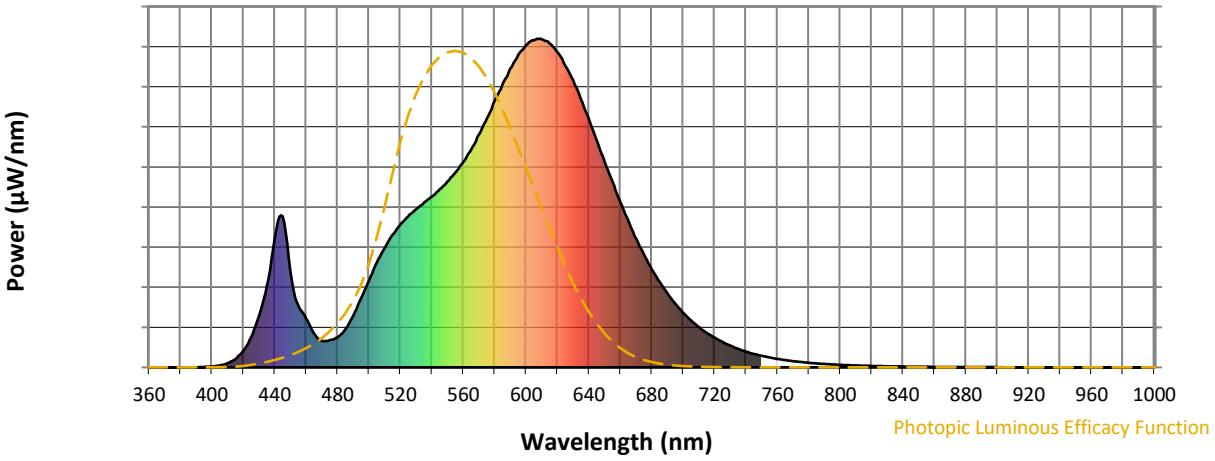


CCT = 2756K
CIE x = 0.4563
CIE y = 0.4112
Duv = 0.0006

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP1-2407-184-8

Photopic Flux vs. Wavelength

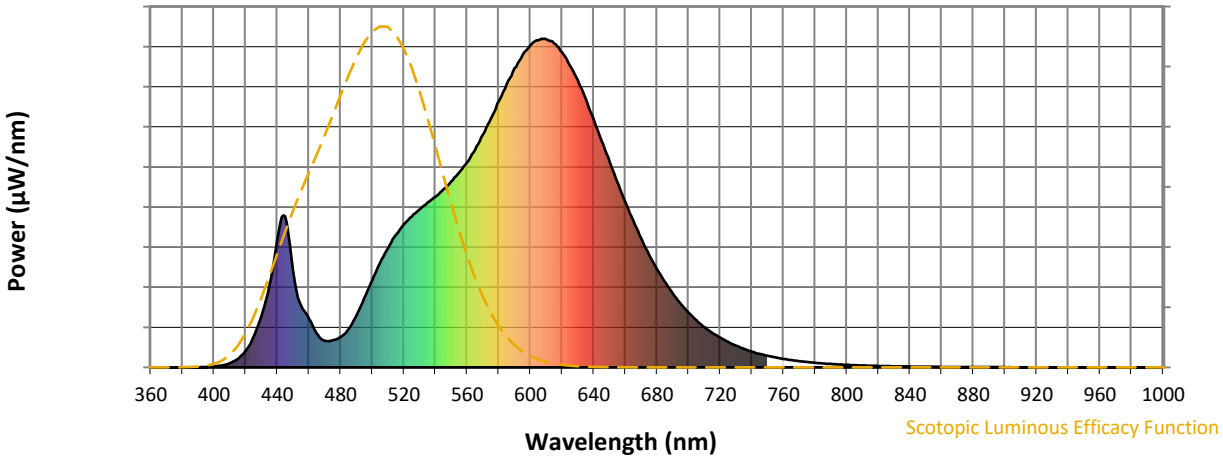


Photopic Lumens: NR

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-8

Scotopic Flux vs. Wavelength

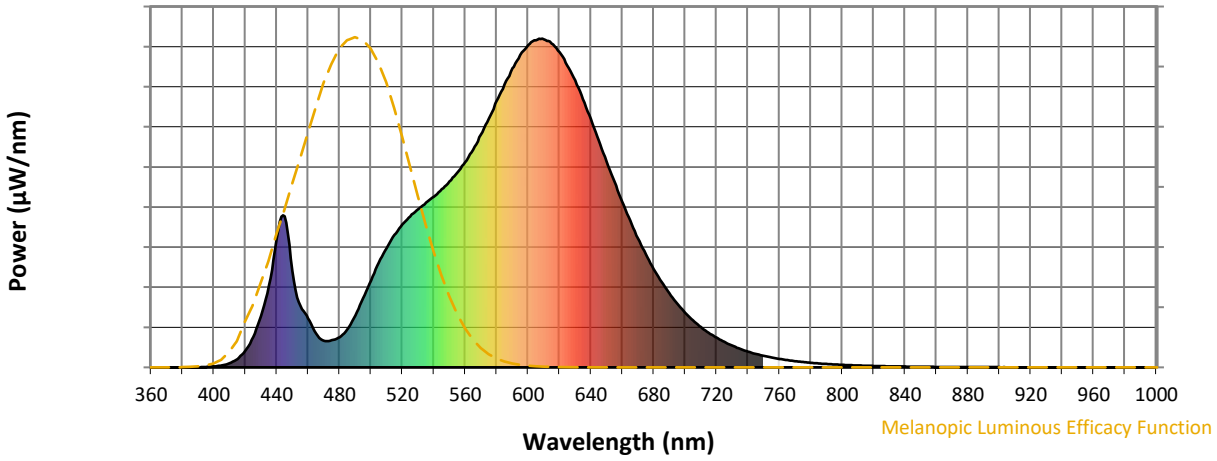


Scotopic Lumens: NR **S/P: 1.2**

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

REPORT NUMBER: SP1-2407-184-8

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.16**

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	158	NR	620	959	NR	750	35	NR	880	1	NR
365	0	NR	495	211	NR	625	918	NR	755	30	NR	885	1	NR
370	0	NR	500	264	NR	630	873	NR	760	26	NR	890	1	NR
375	0	NR	505	318	NR	635	816	NR	765	22	NR	895	1	NR
380	0	NR	510	363	NR	640	755	NR	770	19	NR	900	1	NR
385	0	NR	515	403	NR	645	689	NR	775	16	NR	905	1	NR
390	0	NR	520	435	NR	650	626	NR	780	14	NR	910	0	NR
395	1	NR	525	459	NR	655	564	NR	785	12	NR	915	0	NR
400	3	NR	530	481	NR	660	503	NR	790	10	NR	920	0	NR
405	6	NR	535	501	NR	665	447	NR	795	9	NR	925	0	NR
410	13	NR	540	519	NR	670	392	NR	800	8	NR	930	0	NR
415	26	NR	545	542	NR	675	343	NR	805	7	NR	935	0	NR
420	51	NR	550	565	NR	680	299	NR	810	6	NR	940	0	NR
425	93	NR	555	593	NR	685	260	NR	815	5	NR	945	0	NR
430	156	NR	560	624	NR	690	225	NR	820	4	NR	950	0	NR
435	250	NR	565	662	NR	695	194	NR	825	4	NR	955	0	NR
440	391	NR	570	707	NR	700	166	NR	830	3	NR	960	0	NR
445	460	NR	575	756	NR	705	143	NR	835	3	NR	965	0	NR
450	293	NR	580	810	NR	710	122	NR	840	2	NR	970	0	NR
455	188	NR	585	860	NR	715	105	NR	845	2	NR	975	0	NR
460	149	NR	590	910	NR	720	90	NR	850	2	NR	980	0	NR
465	103	NR	595	950	NR	725	77	NR	855	2	NR	985	0	NR
470	80	NR	600	980	NR	730	66	NR	860	1	NR	990	0	NR
475	82	NR	605	995	NR	735	56	NR	865	1	NR	995	0	NR
480	92	NR	610	998	NR	740	48	NR	870	1	NR	1000	0	NR
485	116	NR	615	985	NR	745	41	NR	875	1	NR			

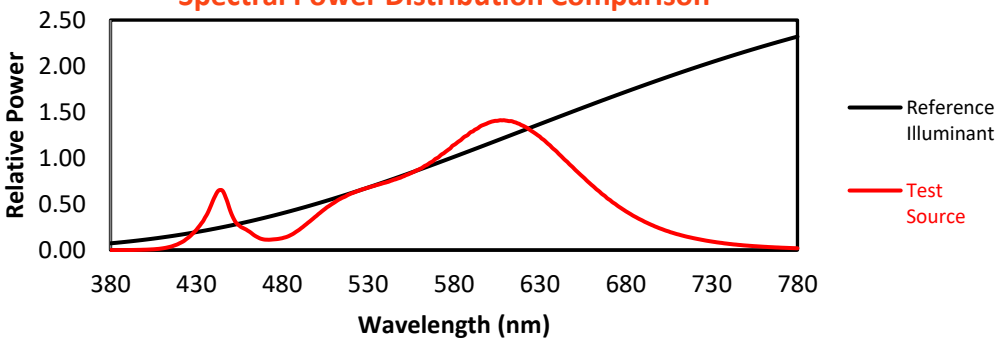
REPORT NUMBER: SP1-2407-184-8

TM-30-18

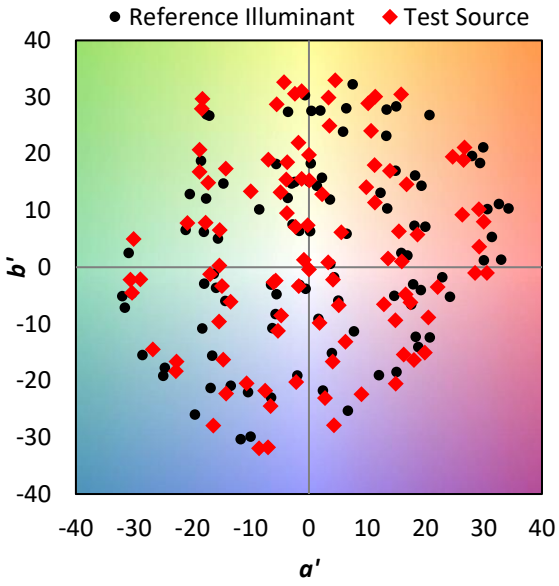
Summary

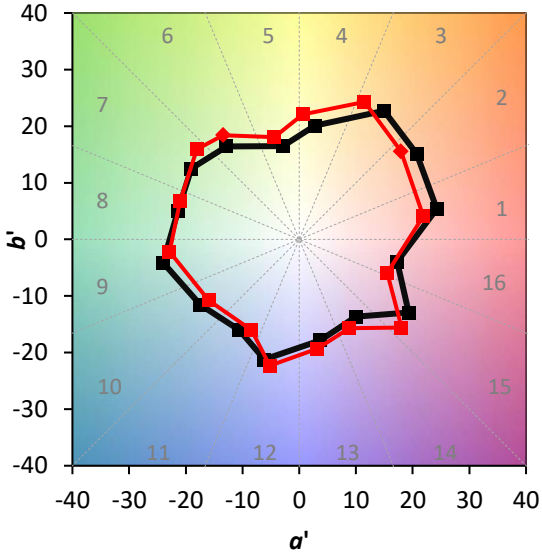
R_f = 82.2
R_g = 99.9
CIE R_a = 82.9
R_9 = 10.8

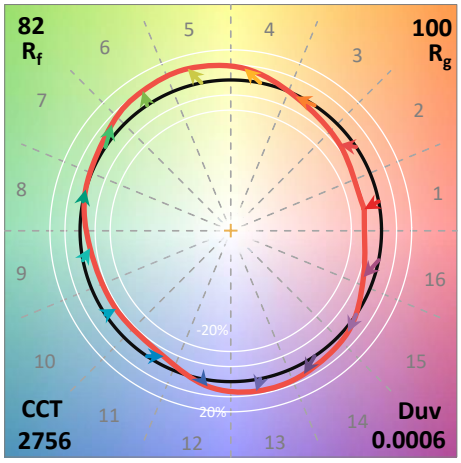
Spectral Power Distribution Comparison

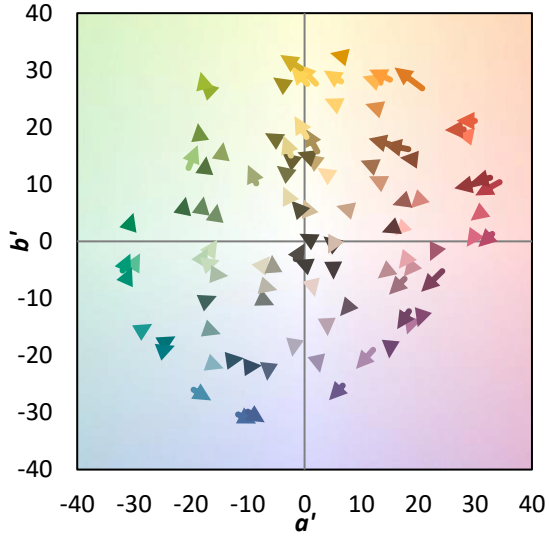


Color Vector Graphics







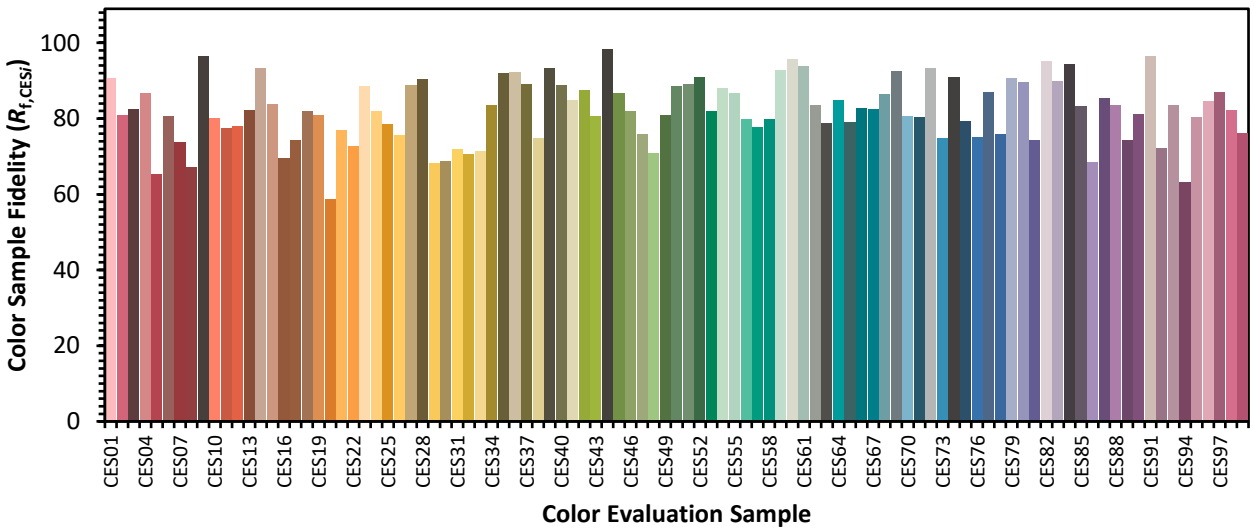


REPORT NUMBER: SP1-2407-184-8

TM-30-18

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

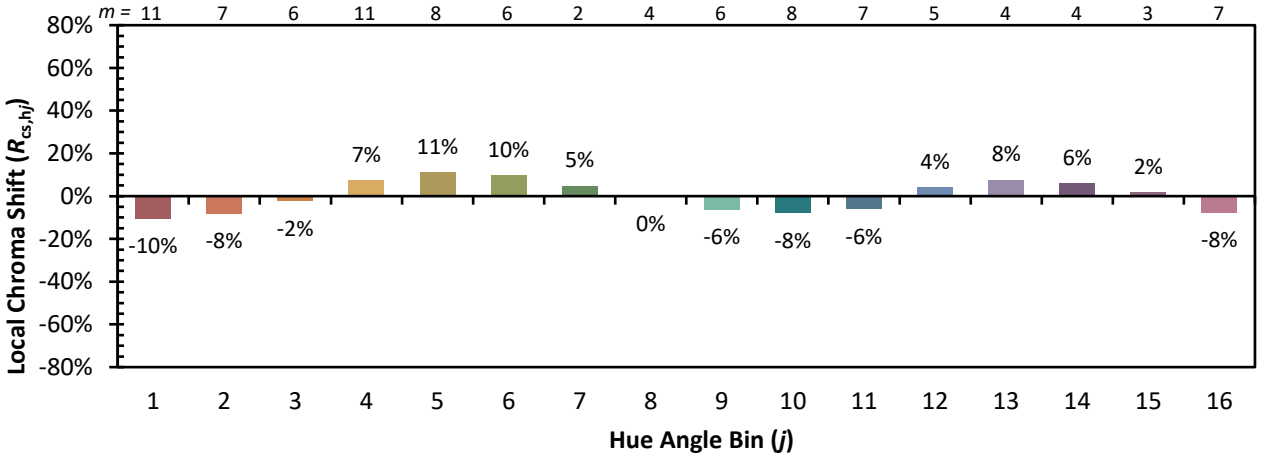
CES01 = 86	CES26 = 76	CES51 = 89	CES76 = 75
CES02 = 63	CES27 = 89	CES52 = 91	CES77 = 87
CES03 = 31	CES28 = 90	CES53 = 82	CES78 = 76
CES04 = 71	CES29 = 68	CES54 = 88	CES79 = 91
CES05 = 50	CES30 = 69	CES55 = 87	CES80 = 90
CES06 = 52	CES31 = 72	CES56 = 80	CES81 = 74
CES07 = 43	CES32 = 71	CES57 = 78	CES82 = 95
CES08 = 42	CES33 = 71	CES58 = 80	CES83 = 90
CES09 = 29	CES34 = 84	CES59 = 93	CES84 = 94
CES10 = 77	CES35 = 92	CES60 = 96	CES85 = 83
CES11 = 59	CES36 = 92	CES61 = 94	CES86 = 69
CES12 = 66	CES37 = 89	CES62 = 84	CES87 = 85
CES13 = 44	CES38 = 75	CES63 = 79	CES88 = 84
CES14 = 74	CES39 = 93	CES64 = 85	CES89 = 74
CES15 = 72	CES40 = 89	CES65 = 79	CES90 = 81
CES16 = 48	CES41 = 85	CES66 = 83	CES91 = 96
CES17 = 50	CES42 = 88	CES67 = 82	CES92 = 72
CES18 = 57	CES43 = 81	CES68 = 86	CES93 = 84
CES19 = 73	CES44 = 98	CES69 = 92	CES94 = 63
CES20 = 67	CES45 = 87	CES70 = 81	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 81	CES96 = 85
CES22 = 79	CES47 = 76	CES72 = 93	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 75	CES98 = 82
CES24 = 91	CES49 = 81	CES74 = 91	CES99 = 76
CES25 = 72	CES50 = 88	CES75 = 79	

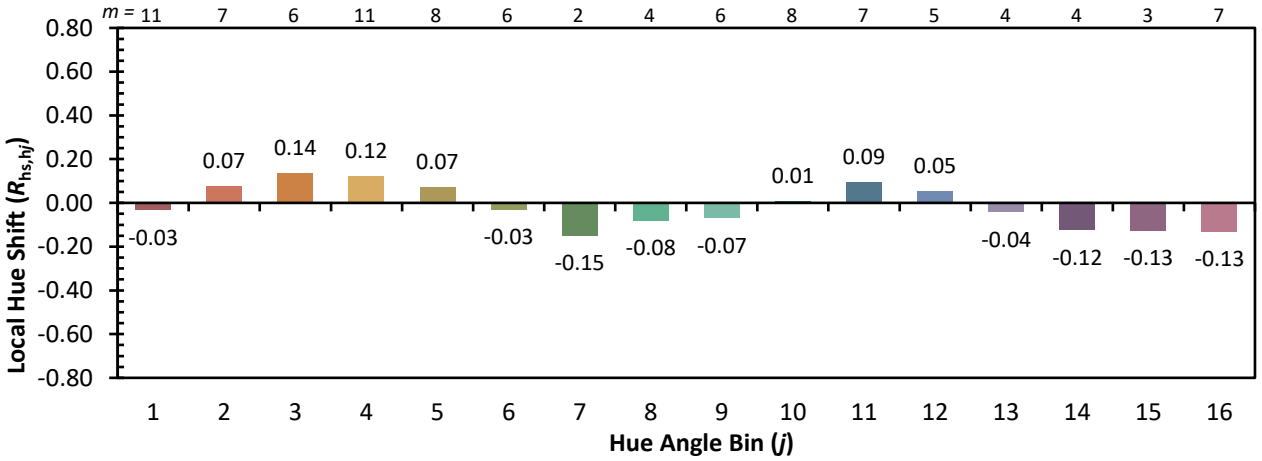


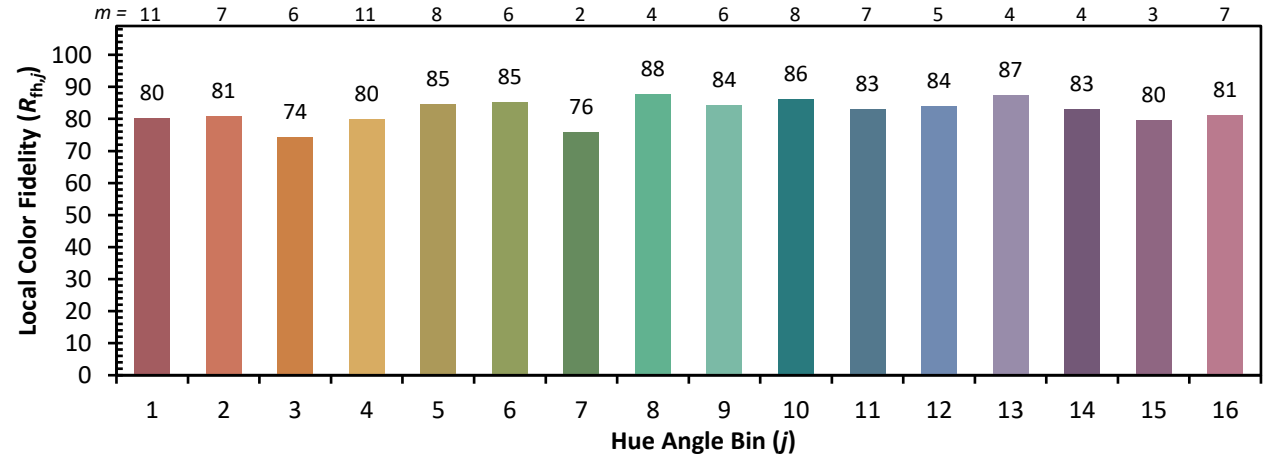
REPORT NUMBER: SP1-2407-184-8

TM-30-18

Color Rendition by Hue-Angle Bin



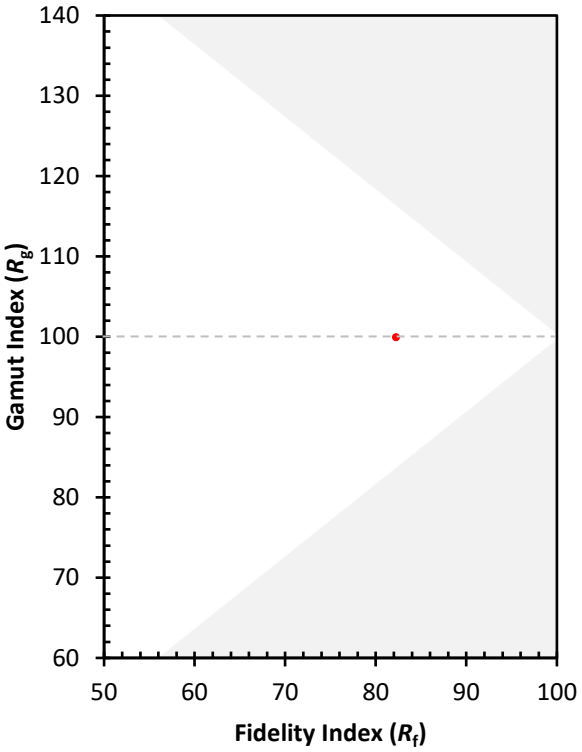


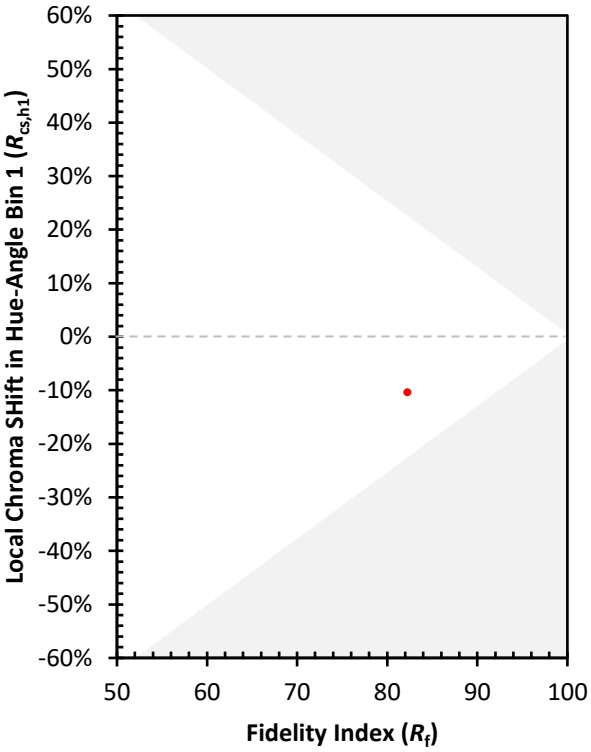


REPORT NUMBER: SP1-2407-184-8

TM-30-18

Measure Comparisons





(END OF REPORT)