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

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Scaled data based on original data using

LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: LUMARK

Report Number: P1460816

Luminaire Tested: PRV-PC1D-727-U-T3R-HSS

Issue Date: 06/10/2026

Test Information

Test Method:	LM-79-2024
Report Number:	P1460816
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	6/10/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	LUMARK
Catalog Number:	PRV-PC1D-727-U-T3R-HSS
Description:	PREVAIL DISCRETE LED 1 SQUARE AT 1170MA 70CRI 2700K FIXTURE w/ TYPE III DISTRIBUTION OPTIC AND HOUSE SIDE SHIELD
Light Source:	(40) 2700K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	13368.3 lumens
Efficiency:	N/A
Efficacy:	87.9 lumens/watt
Luminous Opening:	Rectangular (W 0.67' x L: 0.67' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B1 - U0 - G2
Input Watts (W):	152
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	2.75%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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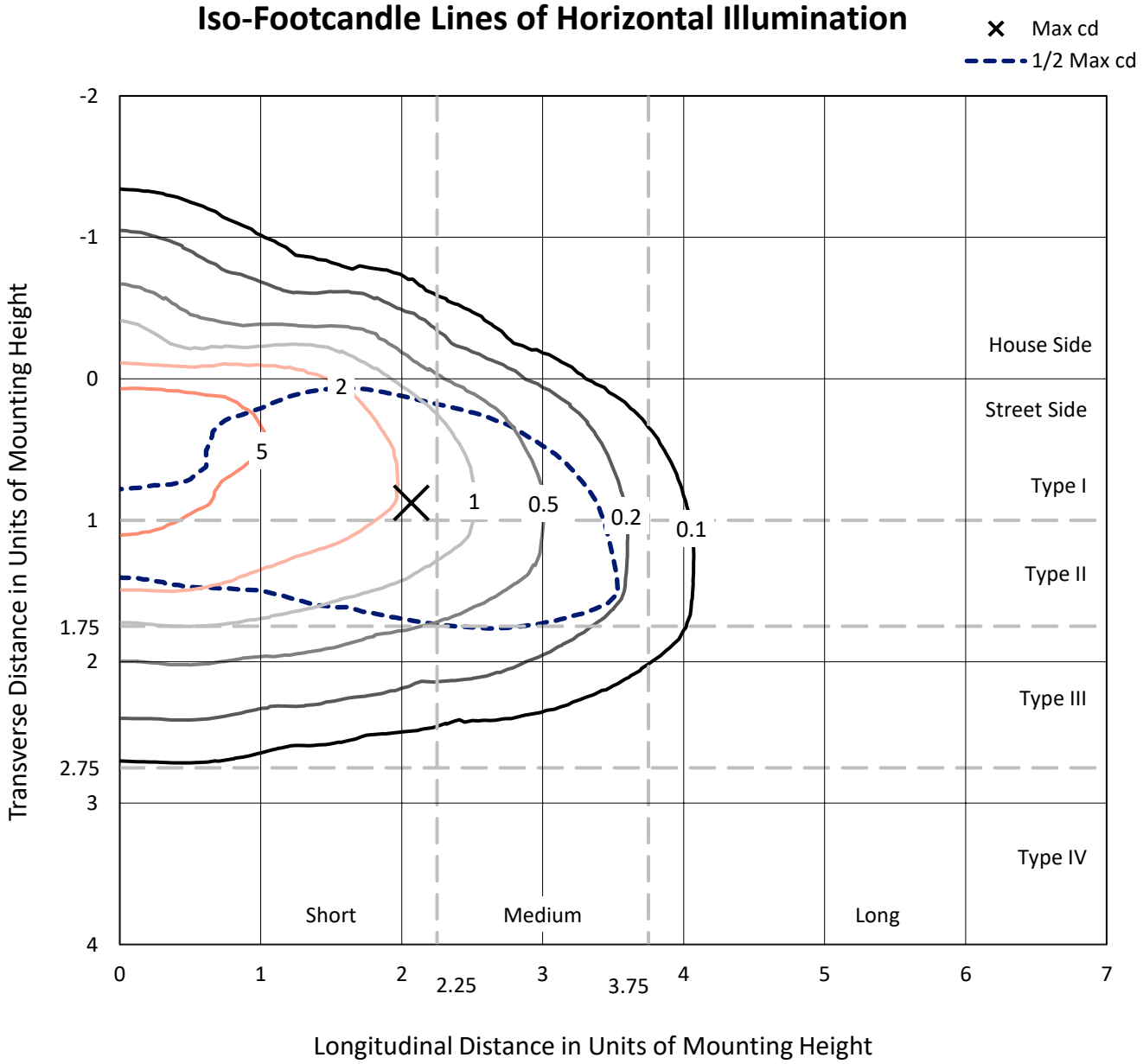
Scaled Data Report

REPORT NUMBER: P1460816
CATALOG NUMBER: PRV-PC1D-727-U-T3R-HSS

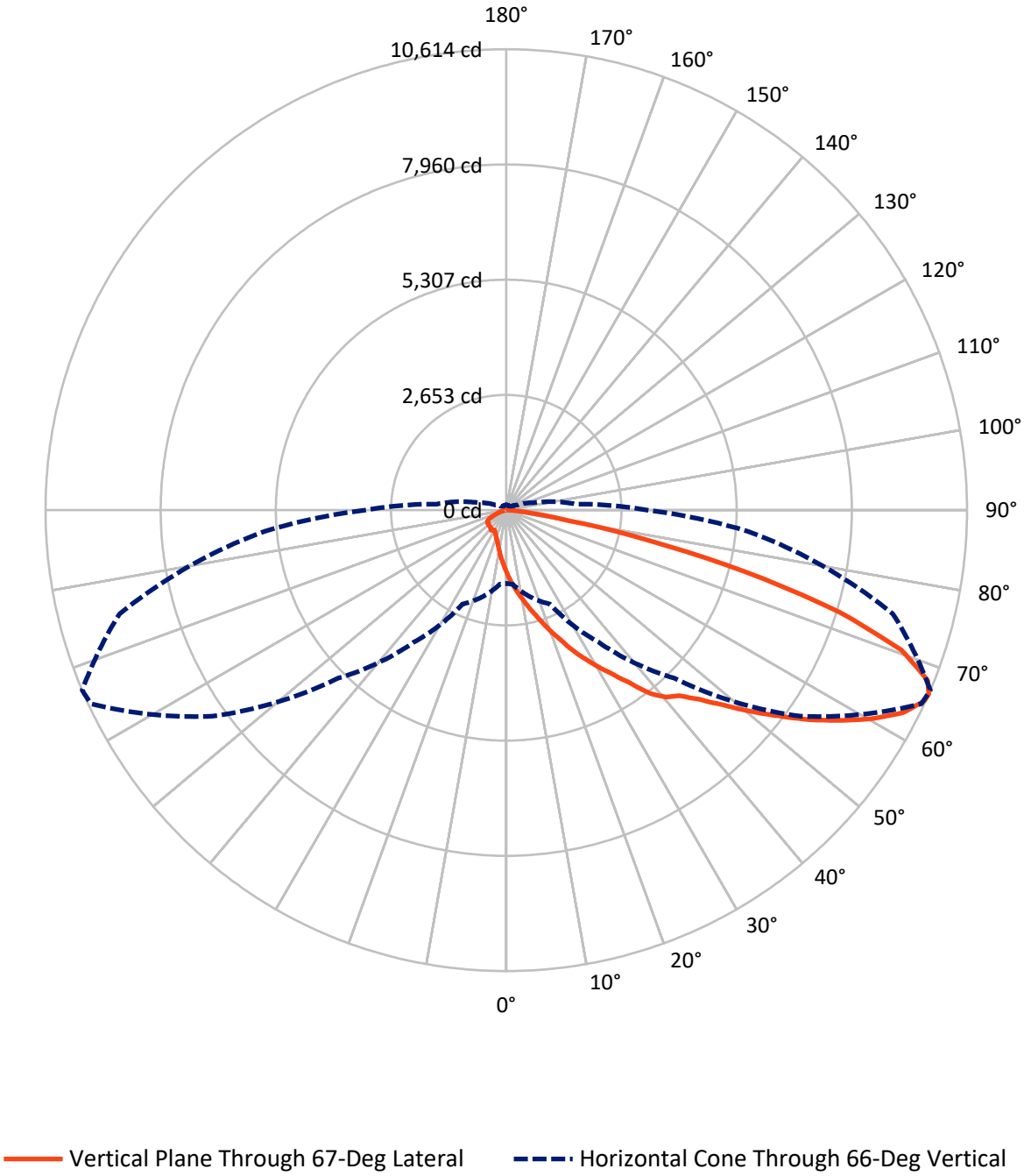
Iso-Footcandle Lines of Horizontal Illumination



Based on 20 foot mounting height. Maximum calculated value = 7.8 fc
Type II - Short - N/A

REPORT NUMBER: P1460816
CATALOG NUMBER: PRV-PC1D-727-U-T3R-HSS

Luminous Intensity Polar Plot



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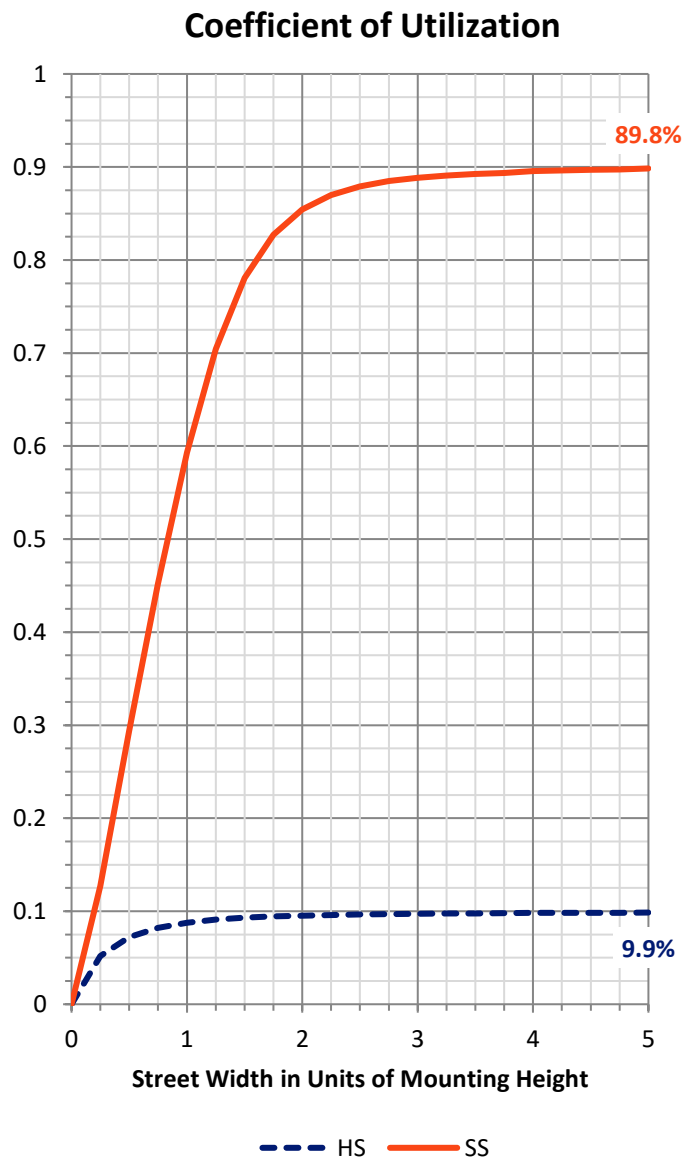
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1329.7	0.0	1329.7
	% Fixture	9.9	0.0	9.9
Street Side	Lumens	12038.6	0.0	12038.6
	% Fixture	90.1	0.0	90.1
Total	Lumens	13368.3	0.0	13368.3
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	146.8	1.1
10°-20°	524.7	3.9
20°-30°	1002.8	7.5
30°-40°	1636.0	12.2
40°-50°	2510.4	18.8
50°-60°	3225.4	24.1
60°-70°	2940.4	22.0
70°-80°	1248.7	9.3
80°-90°	133.0	1.0
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°	13368.3	100.0
0°-180°	13368.3	100.0



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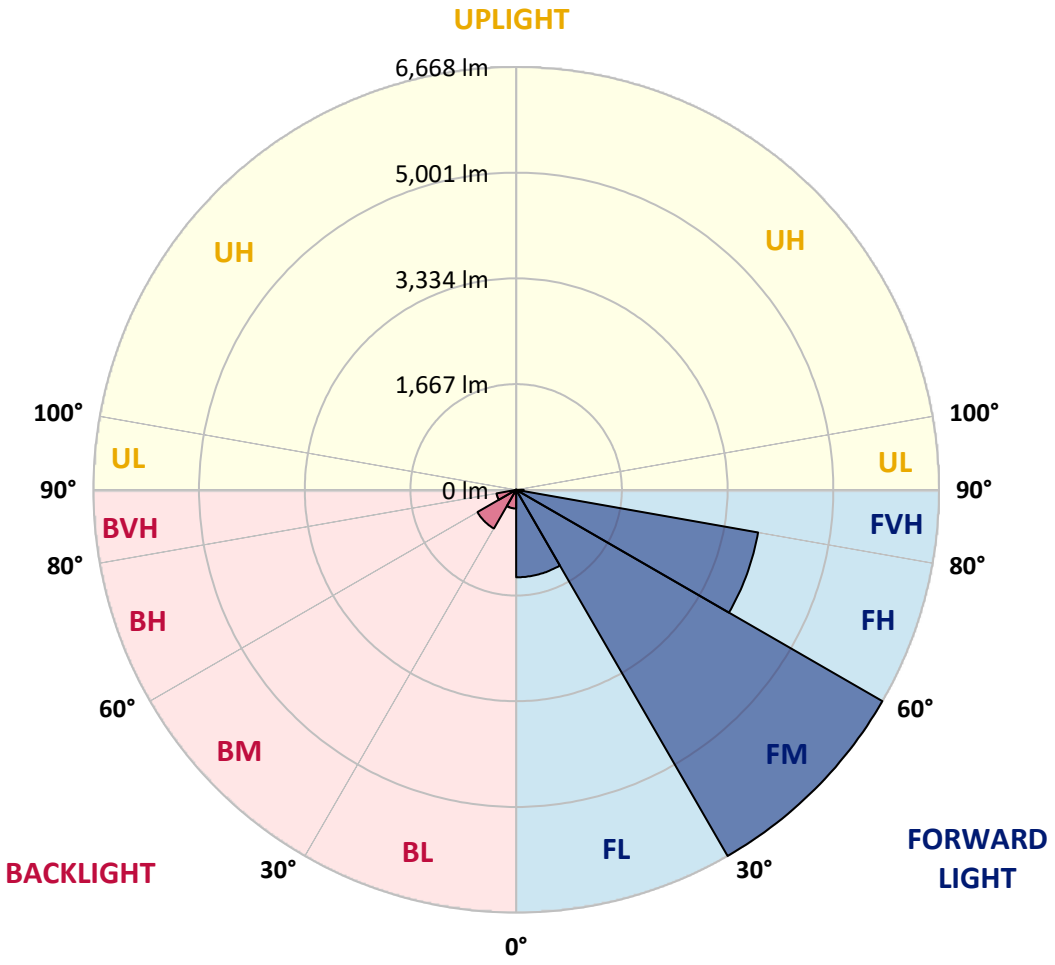
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1379.4	10.3			
FM	(30°-60°)	6668.3	49.9			
FH	(60°-80°)	3873.7	29.0			G2/5000
FVH	(80°-90°)	117.2	0.9			G2/225
BL	(0°-30°)	295.0	2.2	B1/500		
BM	(30°-60°)	703.6	5.3	B1/1000		
BH	(60°-80°)	315.4	2.4	B1/500		G1/500
BVH	(80°-90°)	15.8	0.1			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2
Type II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	67°	75°	85°
0°	1434.6	1434.6	1434.6	1434.6	1434.6	1434.6	1434.6	1434.6	*1434.6*	1434.6	1434.6
2.5°	1803.1	1827.9	1810.5	1786.6	1749.8	1702.9	1668.0	1604.6	*1597.2*	1545.8	1471.3
5°	2190.9	2191.8	2161.5	2127.5	2056.7	1971.3	1872.9	1768.2	*1752.6*	1646.9	1517.3
7.5°	2558.5	2592.5	2553.0	2497.0	2388.5	2265.4	2111.9	1943.7	*1913.4*	1751.6	1565.1
10°	2962.0	2983.1	2937.2	2855.4	2742.3	2579.7	2377.5	2139.5	*2088.0*	1881.2	1618.4
12.5°	3294.7	3284.5	3262.5	3185.3	3062.1	2894.0	2644.9	2334.3	*2288.3*	2018.1	1679.0
15°	3507.9	3525.3	3506.0	3461.9	3364.5	3201.8	2950.9	2581.5	*2498.8*	2168.9	1745.2
17.5°	3641.1	3655.8	3663.2	3660.4	3617.2	3491.3	3232.2	2831.5	*2736.8*	2332.4	1826.1
20°	3732.1	3749.6	3759.7	3797.4	3798.3	3749.6	3533.6	3087.9	*3002.4*	2516.3	1932.7
22.5°	3837.8	3853.4	3870.9	3915.0	3964.6	3958.2	3804.7	3386.6	*3268.9*	2732.2	2043.9
25°	3989.4	4006.9	4012.4	4047.3	4100.6	4139.2	4069.4	3695.3	*3585.1*	2975.8	2182.7
27.5°	4185.2	4202.6	4219.2	4225.6	4248.6	4293.6	4298.2	3988.5	*3883.7*	3213.8	2330.6
30°	4497.6	4505.9	4494.9	4460.9	4427.8	4448.0	4512.3	4268.8	*4189.8*	3488.6	2502.5
32.5°	4721.0	4737.5	4753.1	4725.6	4640.1	4653.9	4741.2	4580.3	*4505.0*	3811.1	2724.9
35°	4788.0	4825.7	4833.1	4796.3	4773.3	4882.7	5020.6	4935.1	*4876.3*	4193.4	3012.5
37.5°	5152.9	5172.2	5158.4	4968.2	4857.0	5027.9	5321.1	5378.1	*5343.1*	4702.6	3400.3
40°	5788.8	5756.7	5770.5	5351.4	5086.7	5195.2	5575.6	5715.3	*5661.1*	4993.9	3614.5
42.5°	6313.6	6283.3	6176.7	5691.4	5451.6	5413.0	5774.1	5881.7	*5839.4*	5224.6	3850.7
45°	6626.1	6614.1	6393.6	6097.6	6098.6	5686.8	6044.3	6241.9	*6207.0*	5622.5	4230.2
47.5°	6684.9	6659.2	6582.9	6427.6	6534.2	6151.9	6397.2	6744.6	*6694.1*	6123.4	4655.7
50°	6503.8	6460.6	6569.1	6595.7	6639.9	6416.5	6794.2	7293.3	*7274.0*	6640.8	5079.4
52.5°	5969.0	5987.4	6301.7	6497.4	6547.0	6556.2	7196.8	7892.5	*7877.8*	7173.8	5464.4
55°	5209.0	5271.4	5748.4	6135.3	6366.9	6717.0	7603.0	8457.7	*8519.2*	7719.7	5819.2
57.5°	4016.1	4085.9	5002.2	5636.3	6114.2	6835.6	8057.0	9112.0	*9134.0*	8229.7	6089.4
60°	3054.8	3146.7	3928.8	4842.3	5654.7	6825.5	8434.7	9714.9	*9736.0*	8749.9	6198.7
62.5°	2411.5	2470.3	3058.5	3856.2	4998.5	6562.7	8672.7	10224.9	*10267.2*	9101.9	6048.0
65°	1913.4	1903.3	2306.7	2770.8	4160.4	5915.7	8507.3	10535.5	*10583.3*	9251.7	5727.3
66°	*1684.5*	*1712.1*	*2056.7*	*2388.5*	*3713.7*	*5470.0*	*8272.9*	*10550.2*	*10613.7*	*9219.5*	*5586.7*
67.5°	1374.8	1396.9	1670.8	1897.8	3100.7	4726.5	7784.9	10381.1	*10471.2*	9039.4	5332.1
70°	888.7	923.6	1086.3	1244.3	2035.6	3378.3	6450.5	9491.5	*9655.1*	8275.7	4749.4
72.5°	567.0	583.6	658.0	734.3	1156.1	2204.7	4945.2	7914.5	*8025.7*	6818.1	3685.2
75°	397.9	397.9	423.7	435.6	641.5	1271.9	3177.9	5504.9	*5704.3*	4539.9	2383.0
77.5°	327.2	323.5	323.5	305.1	369.4	687.4	1833.4	3243.2	*3323.1*	2526.4	1324.3
80°	266.5	269.3	268.4	238.0	252.7	374.0	920.8	1493.4	*1458.5*	1115.7	608.4
82.5°	193.9	201.3	208.6	181.0	185.6	248.1	442.0	657.1	*622.2*	489.8	303.3
85°	135.1	142.4	146.1	125.0	117.6	149.8	226.1	271.1	*262.8*	214.1	141.5
87.5°	80.0	78.1	78.1	68.9	60.7	74.4	87.3	82.7	*68.0*	54.2	33.1
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: P1460816
CATALOG NUMBER: PRV-PC1D-727-U-T3R-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1434.6	1434.6	1434.6	1434.6	1434.6	1434.6	1434.6	1434.6	1434.6	1434.6	1434.6
2.5°	1443.8	1410.7	1344.5	1288.5	1230.6	1180.0	1144.2	1104.7	1080.8	1076.2	1065.1
5°	1456.6	1389.5	1270.1	1149.7	1048.6	975.1	914.4	878.6	851.0	840.0	840.9
7.5°	1471.3	1370.2	1185.5	1030.2	903.4	824.4	770.1	739.8	720.5	717.7	721.4
10°	1485.1	1356.5	1107.4	912.6	791.3	719.6	686.5	670.0	659.8	658.0	657.1
12.5°	1508.1	1339.9	1038.5	818.8	707.6	654.3	634.1	623.1	619.4	620.3	618.5
15°	1538.4	1328.0	965.0	741.6	647.0	610.2	592.8	587.2	588.2	588.2	587.2
17.5°	1574.3	1319.7	899.7	678.2	600.1	569.8	559.7	556.0	557.8	560.6	559.7
20°	1630.3	1321.5	841.8	634.1	564.3	535.8	524.8	524.8	529.4	532.1	533.9
22.5°	1691.0	1328.9	794.9	595.5	531.2	502.7	490.8	495.3	498.1	504.5	504.5
25°	1770.9	1348.2	753.6	560.6	494.4	465.0	454.9	457.7	464.1	472.4	473.3
27.5°	1856.4	1375.8	718.7	527.5	458.6	426.4	417.2	418.1	427.3	433.8	437.4
30°	1971.3	1421.7	702.1	502.7	423.7	388.7	375.9	375.9	387.8	397.9	397.9
32.5°	2146.8	1517.3	720.5	494.4	394.3	353.8	341.9	341.0	349.2	360.3	360.3
35°	2349.0	1668.0	777.5	506.4	378.6	329.0	312.5	313.4	318.9	326.2	328.1
37.5°	2661.5	1868.3	837.2	516.5	360.3	303.3	289.5	292.2	295.9	301.4	301.4
40°	2799.3	1921.7	803.2	490.8	344.6	284.9	268.4	272.9	277.5	282.1	282.1
42.5°	2977.6	2028.3	813.3	468.7	339.1	270.2	252.7	257.3	261.0	266.5	266.5
45°	3279.0	2250.7	863.9	450.3	336.4	260.1	240.8	242.6	244.5	250.0	250.9
47.5°	3613.5	2463.9	915.3	433.8	322.6	250.0	227.9	227.9	229.8	233.4	233.4
50°	3927.9	2652.3	960.4	418.1	299.6	238.9	215.0	213.2	211.4	212.3	212.3
52.5°	4215.5	2837.0	995.3	405.3	277.5	227.0	201.3	196.7	193.0	191.2	192.1
55°	4437.0	2968.4	1030.2	394.3	255.5	211.4	184.7	176.5	173.7	170.9	171.9
57.5°	4573.9	2992.3	1058.7	380.5	235.3	193.0	168.2	159.0	157.2	154.4	154.4
60°	4504.1	2831.5	1030.2	362.1	215.0	172.8	148.9	145.2	141.5	139.7	139.7
62.5°	4082.2	2394.9	934.6	337.3	193.0	150.7	135.1	132.3	128.7	127.7	126.8
65°	3450.9	1803.1	739.8	298.7	168.2	132.3	122.2	119.5	118.6	122.2	124.1
66°	*3243.2*	*1602.8*	*647.9*	*283.1*	*158.1*	*125.9*	*117.6*	*114.0*	*116.7*	*121.3*	*122.2*
67.5°	2916.9	1385.9	531.2	258.2	148.9	116.7	109.4	108.4	114.0	115.8	116.7
70°	2455.6	1100.1	387.8	212.3	125.0	102.0	97.4	102.9	102.0	102.0	102.0
72.5°	1821.5	832.6	287.7	166.3	101.1	89.1	90.1	89.1	86.4	85.5	84.5
75°	1131.3	537.6	199.4	121.3	82.7	84.5	78.1	73.5	69.8	68.0	67.1
77.5°	639.6	300.5	128.7	87.3	69.8	78.1	66.2	60.7	57.9	56.1	55.1
80°	321.7	171.9	80.0	59.7	59.7	66.2	56.1	51.5	46.9	38.6	34.0
82.5°	180.1	96.5	49.6	42.3	46.9	53.3	46.9	40.4	34.0	11.9	11.9
85°	96.5	48.7	23.0	22.1	24.8	28.5	24.8	21.1	11.9	2.8	4.6
87.5°	20.2	9.2	7.4	7.4	6.4	5.5	3.7	2.8	1.8	0.9	0.9
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

Report Prepared for

Cooper Lighting Solutions

McGraw-Edison

Report Number: SP2-2501-321-3

Test Date: 04/09/2025

Luminaire Tested: GKO-PB1E-727-U-T4W

Data in this report applies to families of products including GKO-PB1E-727-U-T4W

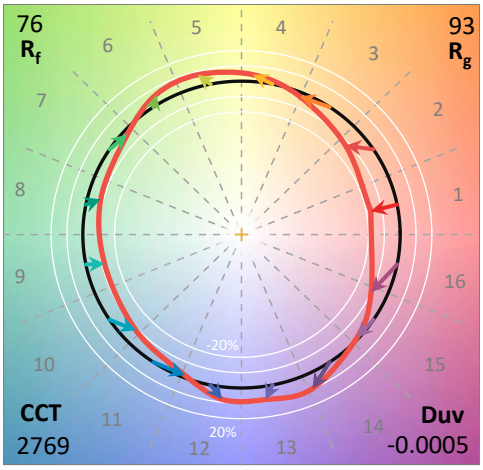
Report Generated By FNC07603 / LDUCLS01DT447
Version: v7.04

Test Information

Test Method:	LM-79-2019
Report Number:	SP2-2501-321-3
Test Lab:	COOPER LIGHTING SOLUTIONS
Photometer:	SP2 - 165CM SPHERE
Measurement Geometry:	4π
Issue Date:	04/10/2025
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	McGraw-Edison
Catalog Number:	**GKO-PB1E-727-U-T4W**
Description:	Gekko Wedge Wall Pack Fixture 1 SQ w/ T4W distribution

Spectral Parameters

CCT (K):	2769	CRI (Ra):		71.7			
CIE u':	0.2596	R1:		68.0	R9:		-34.5
CIE v':	0.5253	R2:		84.0	R10:		64.3
Duv:	-0.0005	R3:		94.6	R11:		60.9
CIE x:	0.4535	R4:		65.9	R12:		54.4
CIE y:	0.4078	R5:		67.3	R13:		71.2
CIE z:	0.1387	R6:		78.7	R14:		97.6
Peak Wavelength (nm):	597	R7:		75.2	R15:		59.5
Dominant Wavelength (nm):	584	R8:		39.8			
Purity:	58.54014						
Rf:	75.7						
Rg:	93.2						



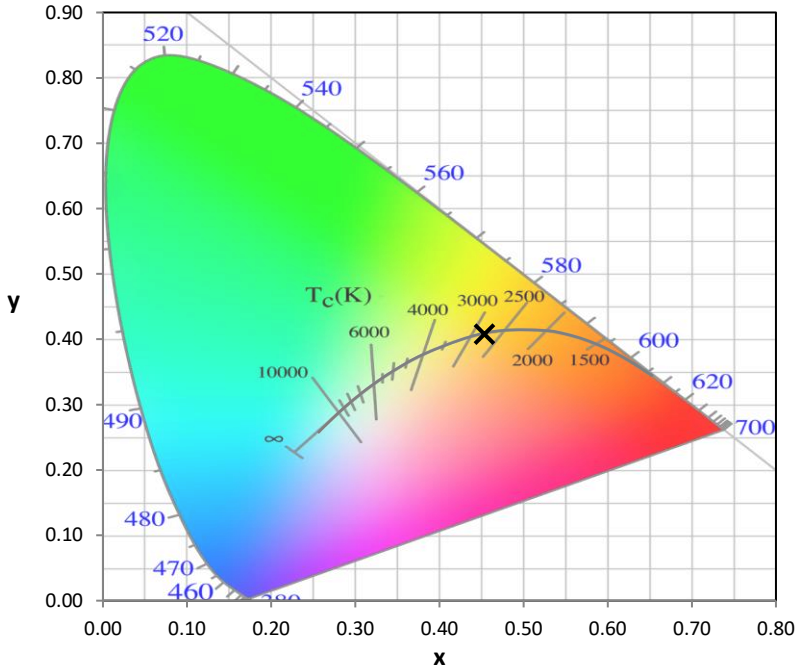
Test Conditions

Stabilization Time:	36M
Operation Time:	1H 36M
Sphere Temperature (°C):	25.0

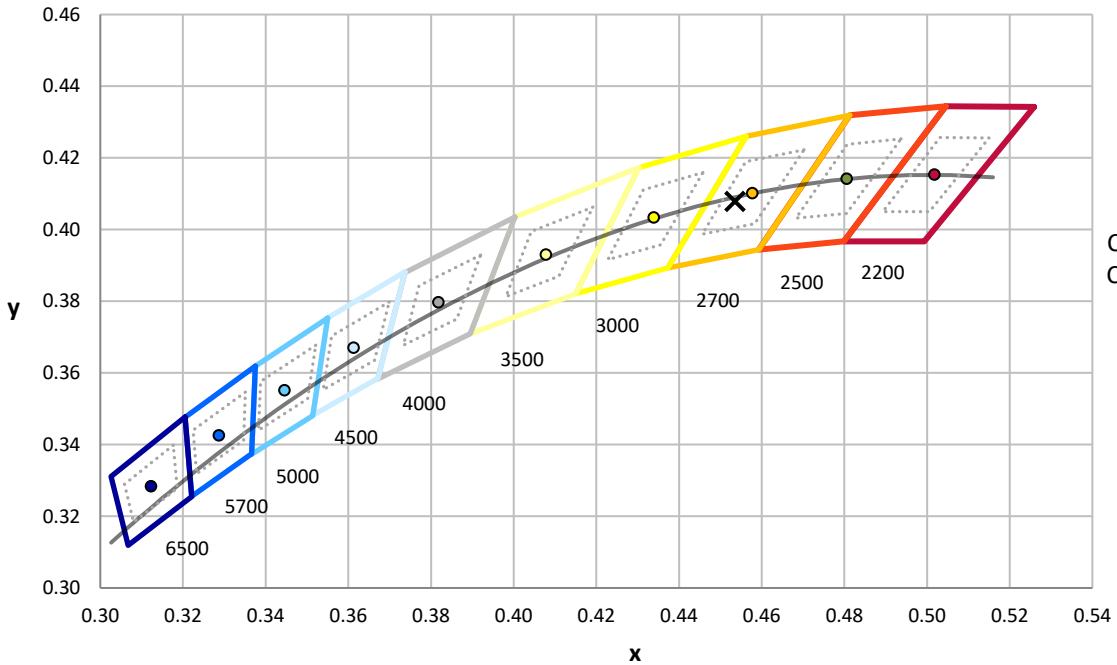
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN2187	1/6/2025	7/6/2025
Power Meter	INXT2011002	1/21/2025	1/21/2026
AC Power Source	IN0458	10/22/2024	10/22/2025
DC Power Source	IN0212	10/22/2024	10/22/2025
Sphere Thermometer	IN4036B	10/22/2024	10/22/2025
Room Thermometer	IN0046	10/22/2024	10/22/2025

REPORT NUMBER: SP2-2501-321-3

CIE 1931 Chromaticity Diagram



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

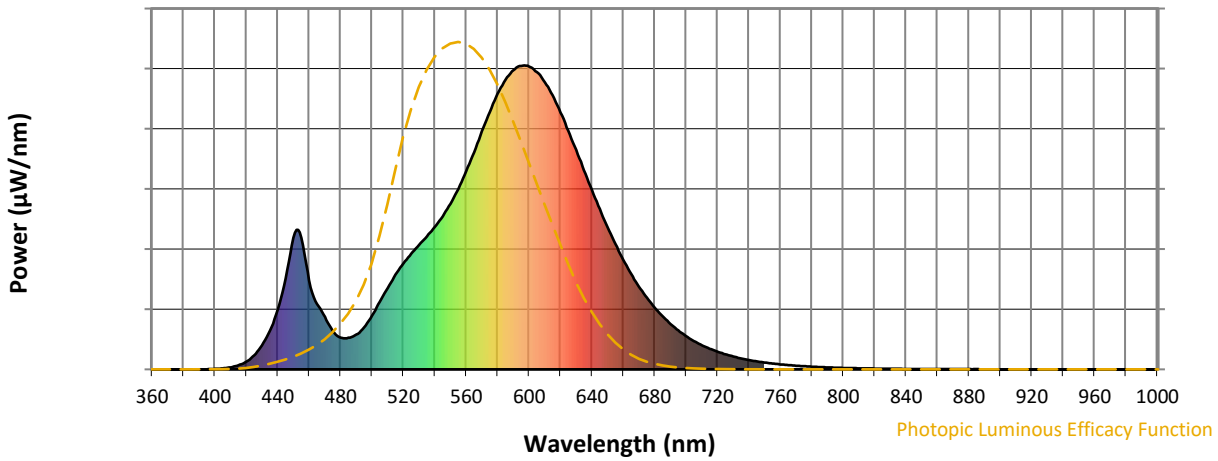


CCT = 2769K
CIE x = 0.4535
CIE y = 0.4078
Duv = -0.0005

Point lies inside the ANSI 2700K 4-step quadrangle

REPORT NUMBER: SP2-2501-321-3

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	114	NR	620	844	NR	750	22	NR	880	1	NR
365	0	NR	495	138	NR	625	785	NR	755	19	NR	885	1	NR
370	0	NR	500	176	NR	630	722	NR	760	16	NR	890	1	NR
375	0	NR	505	222	NR	635	655	NR	765	14	NR	895	0	NR
380	0	NR	510	268	NR	640	591	NR	770	12	NR	900	0	NR
385	0	NR	515	311	NR	645	527	NR	775	10	NR	905	0	NR
390	0	NR	520	348	NR	650	467	NR	780	9	NR	910	0	NR
395	0	NR	525	381	NR	655	412	NR	785	8	NR	915	0	NR
400	2	NR	530	410	NR	660	360	NR	790	7	NR	920	0	NR
405	4	NR	535	438	NR	665	314	NR	795	6	NR	925	0	NR
410	7	NR	540	469	NR	670	272	NR	800	5	NR	930	0	NR
415	13	NR	545	503	NR	675	236	NR	805	4	NR	935	0	NR
420	25	NR	550	544	NR	680	203	NR	810	4	NR	940	0	NR
425	46	NR	555	594	NR	685	175	NR	815	3	NR	945	0	NR
430	79	NR	560	652	NR	690	149	NR	820	3	NR	950	0	NR
435	128	NR	565	714	NR	695	128	NR	825	2	NR	955	0	NR
440	196	NR	570	783	NR	700	109	NR	830	2	NR	960	0	NR
445	299	NR	575	847	NR	705	93	NR	835	2	NR	965	0	NR
450	433	NR	580	906	NR	710	80	NR	840	2	NR	970	0	NR
455	433	NR	585	953	NR	715	68	NR	845	1	NR	975	0	NR
460	293	NR	590	985	NR	720	58	NR	850	1	NR	980	0	NR
465	215	NR	595	998	NR	725	50	NR	855	1	NR	985	0	NR
470	173	NR	600	997	NR	730	42	NR	860	1	NR	990	0	NR
475	127	NR	605	978	NR	735	36	NR	865	1	NR	995	0	NR
480	104	NR	610	945	NR	740	30	NR	870	1	NR	1000	0	NR
485	104	NR	615	902	NR	745	26	NR	875	1	NR			

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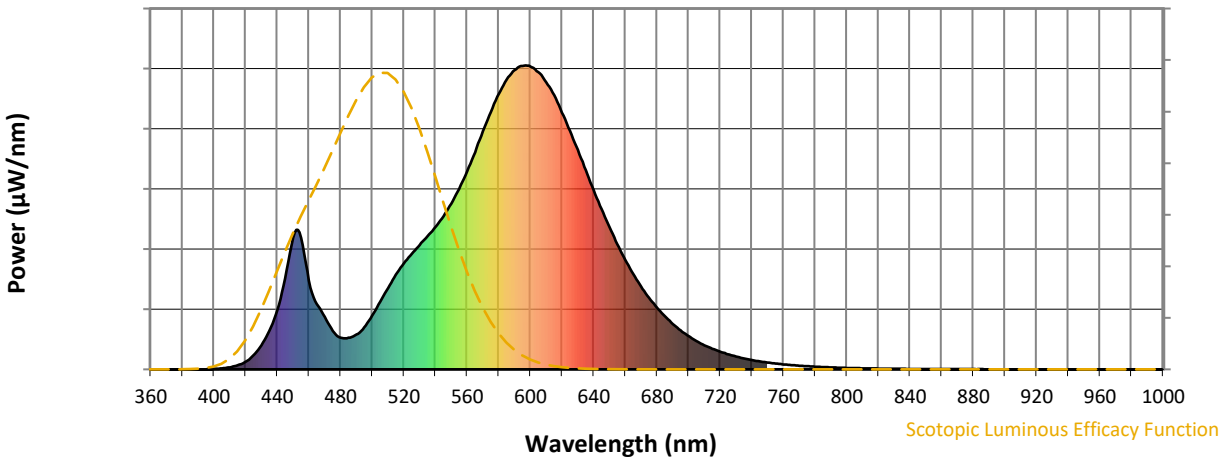
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.14**

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	114	NR	620	844	NR	750	22	NR	880	1	NR
365	0	NR	495	138	NR	625	785	NR	755	19	NR	885	1	NR
370	0	NR	500	176	NR	630	722	NR	760	16	NR	890	1	NR
375	0	NR	505	222	NR	635	655	NR	765	14	NR	895	0	NR
380	0	NR	510	268	NR	640	591	NR	770	12	NR	900	0	NR
385	0	NR	515	311	NR	645	527	NR	775	10	NR	905	0	NR
390	0	NR	520	348	NR	650	467	NR	780	9	NR	910	0	NR
395	0	NR	525	381	NR	655	412	NR	785	8	NR	915	0	NR
400	2	NR	530	410	NR	660	360	NR	790	7	NR	920	0	NR
405	4	NR	535	438	NR	665	314	NR	795	6	NR	925	0	NR
410	7	NR	540	469	NR	670	272	NR	800	5	NR	930	0	NR
415	13	NR	545	503	NR	675	236	NR	805	4	NR	935	0	NR
420	25	NR	550	544	NR	680	203	NR	810	4	NR	940	0	NR
425	46	NR	555	594	NR	685	175	NR	815	3	NR	945	0	NR
430	79	NR	560	652	NR	690	149	NR	820	3	NR	950	0	NR
435	128	NR	565	714	NR	695	128	NR	825	2	NR	955	0	NR
440	196	NR	570	783	NR	700	109	NR	830	2	NR	960	0	NR
445	299	NR	575	847	NR	705	93	NR	835	2	NR	965	0	NR
450	433	NR	580	906	NR	710	80	NR	840	2	NR	970	0	NR
455	433	NR	585	953	NR	715	68	NR	845	1	NR	975	0	NR
460	293	NR	590	985	NR	720	58	NR	850	1	NR	980	0	NR
465	215	NR	595	998	NR	725	50	NR	855	1	NR	985	0	NR
470	173	NR	600	997	NR	730	42	NR	860	1	NR	990	0	NR
475	127	NR	605	978	NR	735	36	NR	865	1	NR	995	0	NR
480	104	NR	610	945	NR	740	30	NR	870	1	NR	1000	0	NR
485	104	NR	615	902	NR	745	26	NR	875	1	NR			

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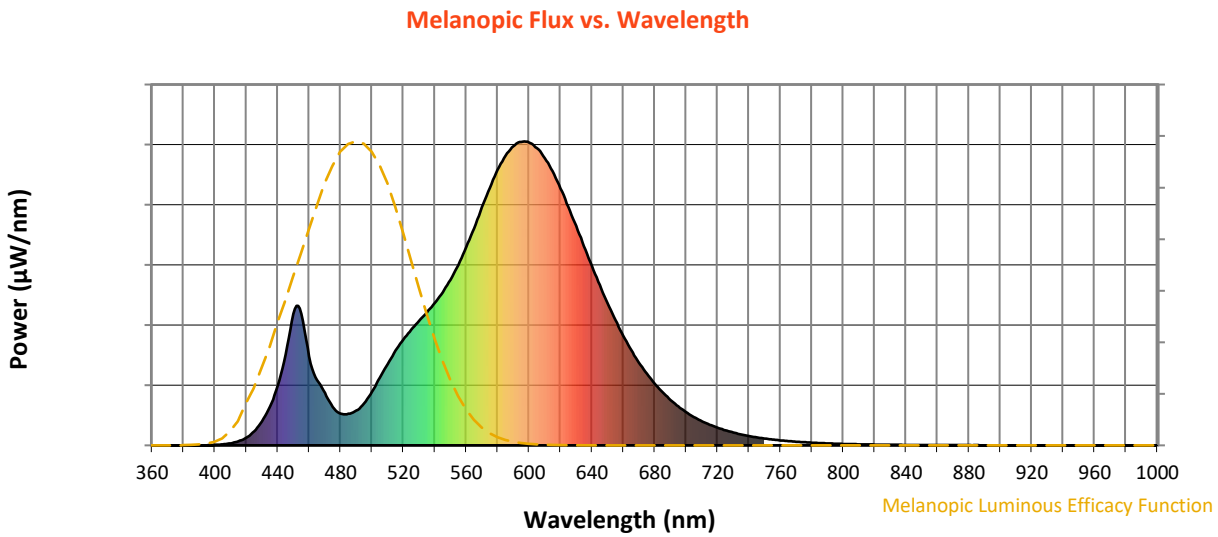

Melanopic Lumens: NR **M/P: 2.08**

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	114	NR	620	844	NR	750	22	NR	880	1	NR
365	0	NR	495	138	NR	625	785	NR	755	19	NR	885	1	NR
370	0	NR	500	176	NR	630	722	NR	760	16	NR	890	1	NR
375	0	NR	505	222	NR	635	655	NR	765	14	NR	895	0	NR
380	0	NR	510	268	NR	640	591	NR	770	12	NR	900	0	NR
385	0	NR	515	311	NR	645	527	NR	775	10	NR	905	0	NR
390	0	NR	520	348	NR	650	467	NR	780	9	NR	910	0	NR
395	0	NR	525	381	NR	655	412	NR	785	8	NR	915	0	NR
400	2	NR	530	410	NR	660	360	NR	790	7	NR	920	0	NR
405	4	NR	535	438	NR	665	314	NR	795	6	NR	925	0	NR
410	7	NR	540	469	NR	670	272	NR	800	5	NR	930	0	NR
415	13	NR	545	503	NR	675	236	NR	805	4	NR	935	0	NR
420	25	NR	550	544	NR	680	203	NR	810	4	NR	940	0	NR
425	46	NR	555	594	NR	685	175	NR	815	3	NR	945	0	NR
430	79	NR	560	652	NR	690	149	NR	820	3	NR	950	0	NR
435	128	NR	565	714	NR	695	128	NR	825	2	NR	955	0	NR
440	196	NR	570	783	NR	700	109	NR	830	2	NR	960	0	NR
445	299	NR	575	847	NR	705	93	NR	835	2	NR	965	0	NR
450	433	NR	580	906	NR	710	80	NR	840	2	NR	970	0	NR
455	433	NR	585	953	NR	715	68	NR	845	1	NR	975	0	NR
460	293	NR	590	985	NR	720	58	NR	850	1	NR	980	0	NR
465	215	NR	595	998	NR	725	50	NR	855	1	NR	985	0	NR
470	173	NR	600	997	NR	730	42	NR	860	1	NR	990	0	NR
475	127	NR	605	978	NR	735	36	NR	865	1	NR	995	0	NR
480	104	NR	610	945	NR	740	30	NR	870	1	NR	1000	0	NR
485	104	NR	615	902	NR	745	26	NR	875	1	NR			

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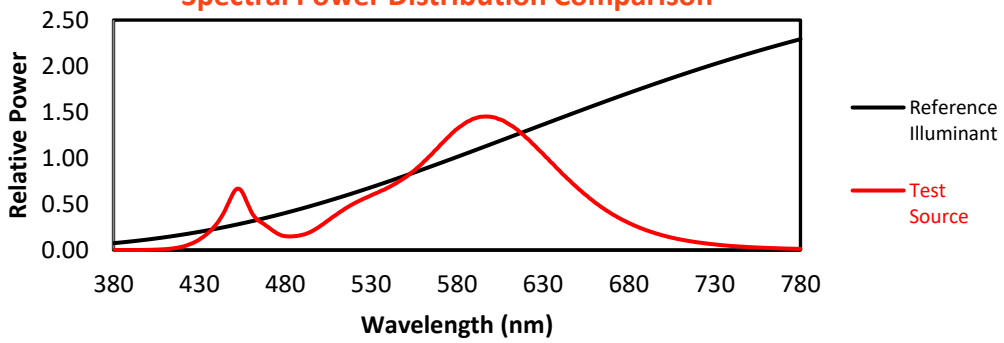
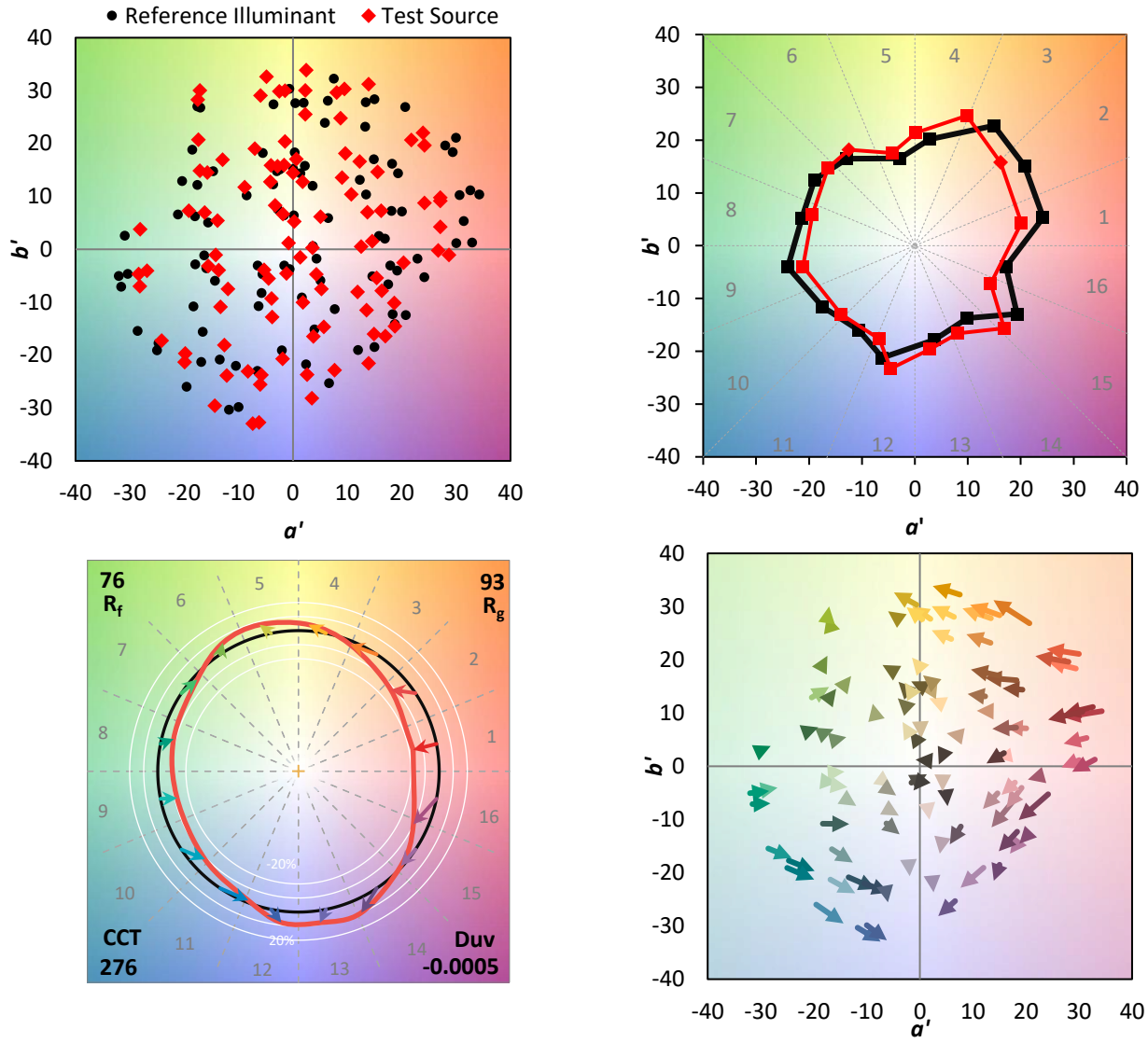
Summary

R_f = 75.7
R_g = 93.2
CIE R_a = 71.7
R_9 = -34.5

Spectral Power Distribution Comparison

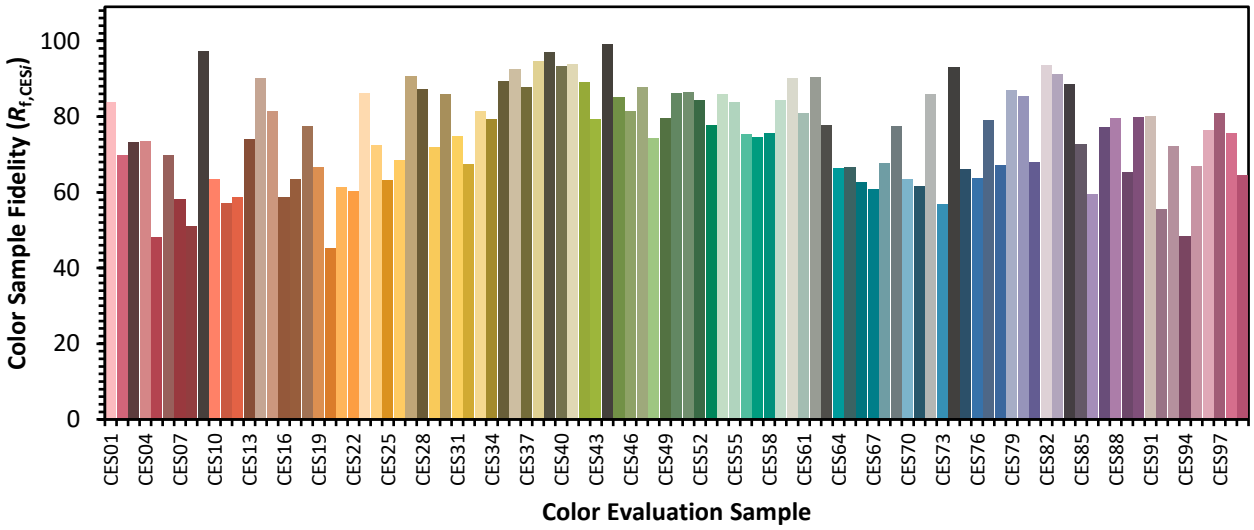


Color Vector Graphics

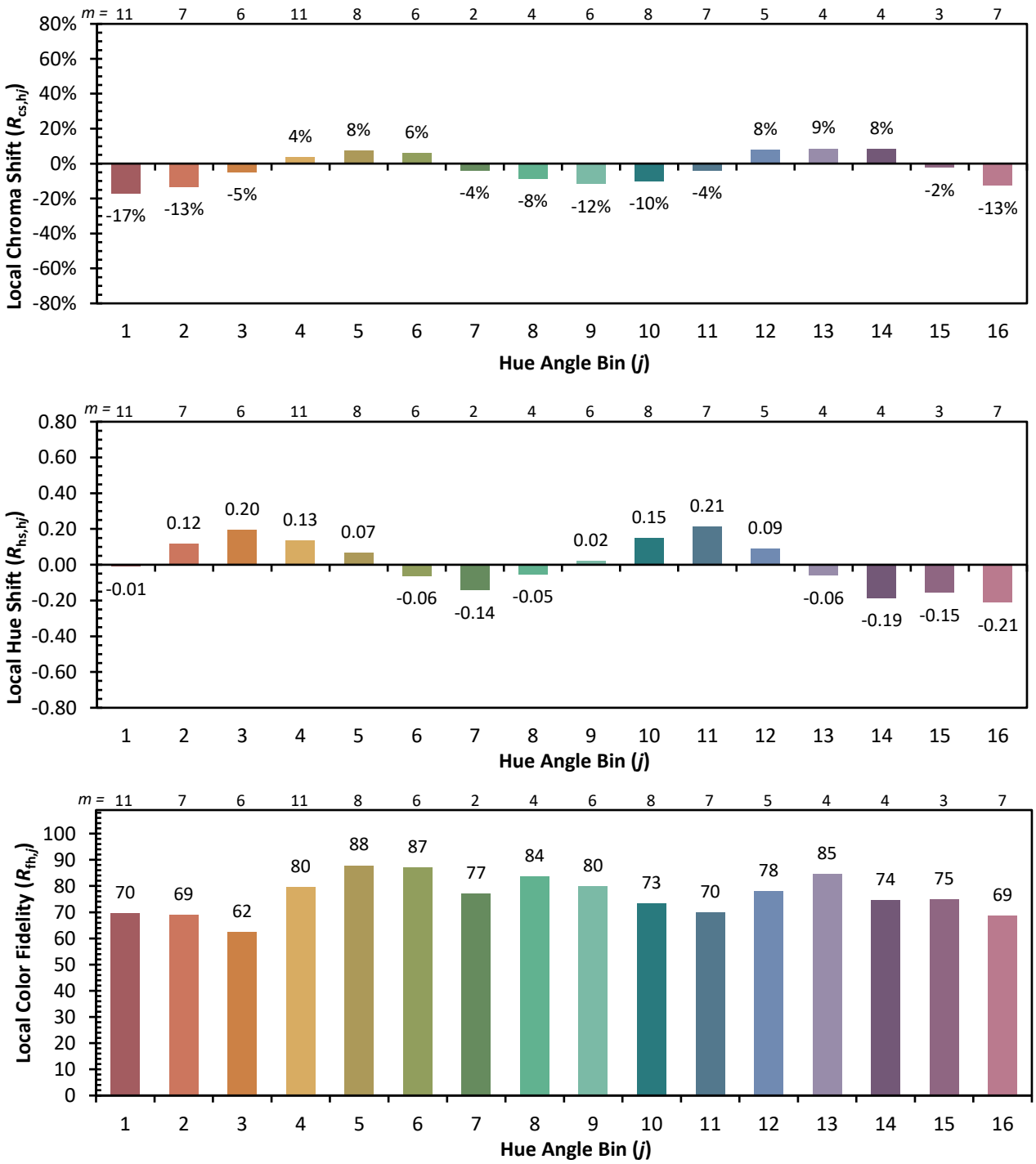


Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 68	CES51 = 87	CES76 = 64
CES02 = 63	CES27 = 91	CES52 = 84	CES77 = 79
CES03 = 31	CES28 = 87	CES53 = 78	CES78 = 67
CES04 = 71	CES29 = 72	CES54 = 86	CES79 = 87
CES05 = 50	CES30 = 86	CES55 = 84	CES80 = 85
CES06 = 52	CES31 = 75	CES56 = 75	CES81 = 68
CES07 = 42	CES32 = 67	CES57 = 74	CES82 = 94
CES08 = 41	CES33 = 81	CES58 = 76	CES83 = 91
CES09 = 29	CES34 = 79	CES59 = 84	CES84 = 89
CES10 = 77	CES35 = 89	CES60 = 90	CES85 = 73
CES11 = 60	CES36 = 92	CES61 = 81	CES86 = 59
CES12 = 66	CES37 = 88	CES62 = 90	CES87 = 77
CES13 = 43	CES38 = 95	CES63 = 78	CES88 = 79
CES14 = 74	CES39 = 97	CES64 = 66	CES89 = 65
CES15 = 72	CES40 = 93	CES65 = 67	CES90 = 80
CES16 = 48	CES41 = 94	CES66 = 63	CES91 = 80
CES17 = 50	CES42 = 89	CES67 = 61	CES92 = 55
CES18 = 57	CES43 = 79	CES68 = 68	CES93 = 72
CES19 = 73	CES44 = 99	CES69 = 77	CES94 = 48
CES20 = 67	CES45 = 85	CES70 = 63	CES95 = 67
CES21 = 87	CES46 = 81	CES71 = 62	CES96 = 76
CES22 = 80	CES47 = 88	CES72 = 86	CES97 = 81
CES23 = 92	CES48 = 74	CES73 = 57	CES98 = 76
CES24 = 91	CES49 = 80	CES74 = 93	CES99 = 64
CES25 = 73	CES50 = 86	CES75 = 66	



Color Rendition by Hue-Angle Bin



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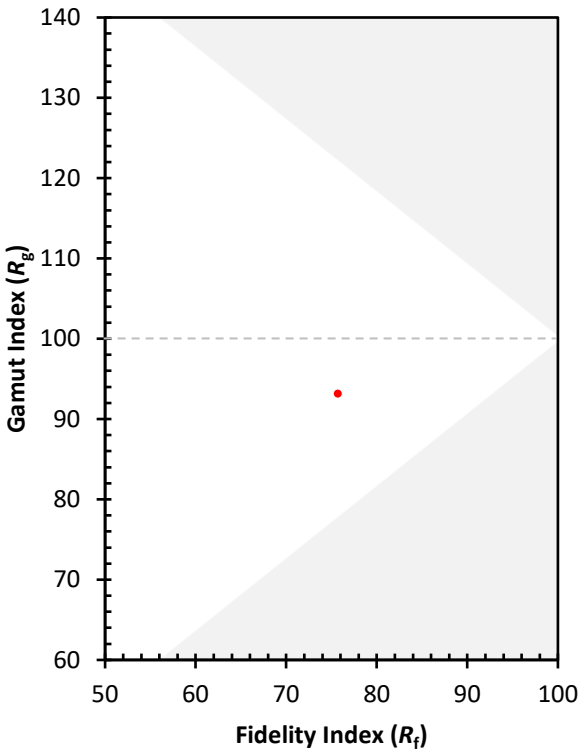
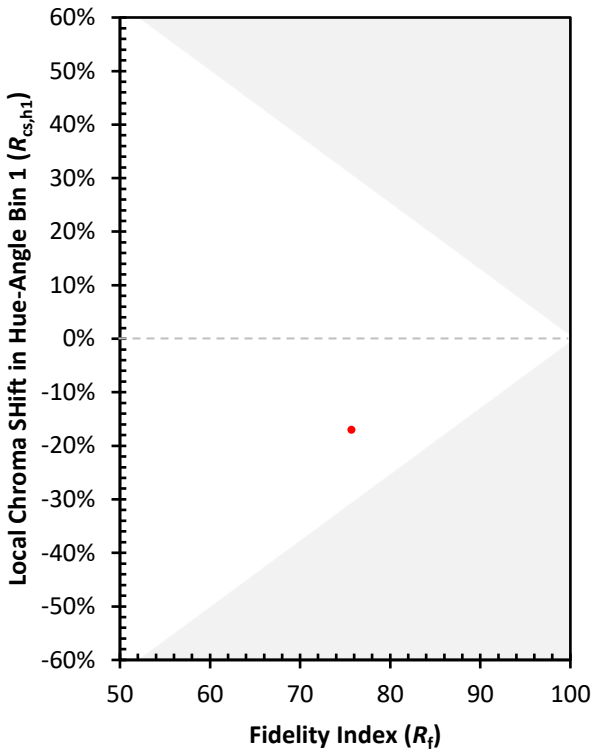
Measure Comparisons





(END OF REPORT)