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: P1461027

Luminaire Tested: PRV-PC1C-730-U-T4RE-HSS

Issue Date: 06/10/2026

Test Information

Test Method:	LM-79-2024
Report Number:	P1461027
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	6/10/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	LUMARK
Catalog Number:	PRV-PC1C-730-U-T4RE-HSS
Description:	PREVAIL DISCRETE LED 1 SQUARE AT 880MA 70CRI 3000K FIXTURE w/ TYPE IV ROADWAY ILLUMINANCE DISTRIBUTION OPTIC AND HOUSE SIDE SHIELD
Light Source:	(40) 3000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	10846 lumens
Efficiency:	N/A
Efficacy:	97.7 lumens/watt
Luminous Opening:	Rectangular (W 0.67' x L: 0.67' x H: 0')
IES Classification:	Type III - Short
BUG Rating:	B1 - U0 - G2
Input Watts (W):	111
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	2.87%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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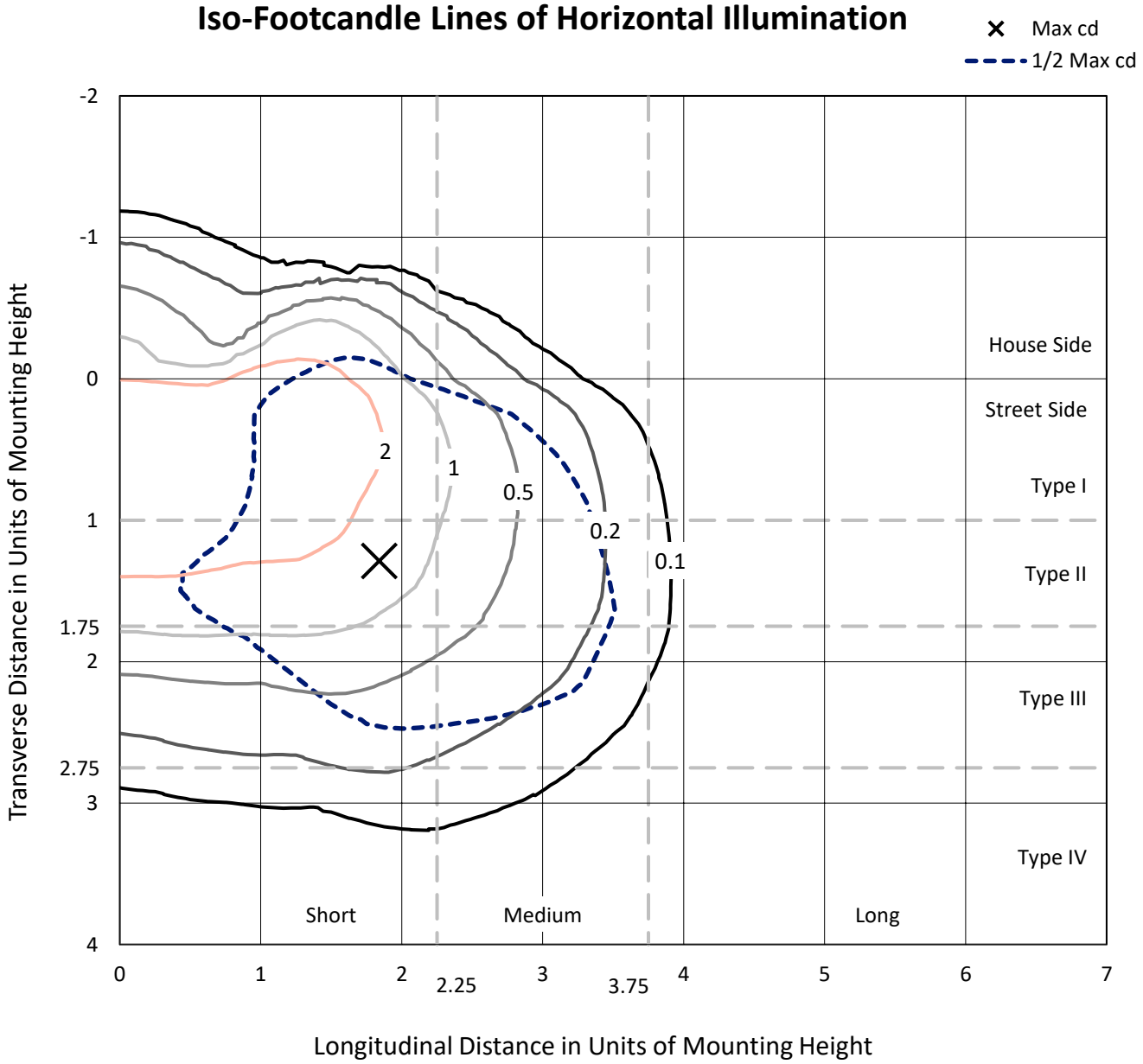
Scaled Data Report

REPORT NUMBER: P1461027
CATALOG NUMBER: PRV-PC1C-730-U-T4RE-HSS

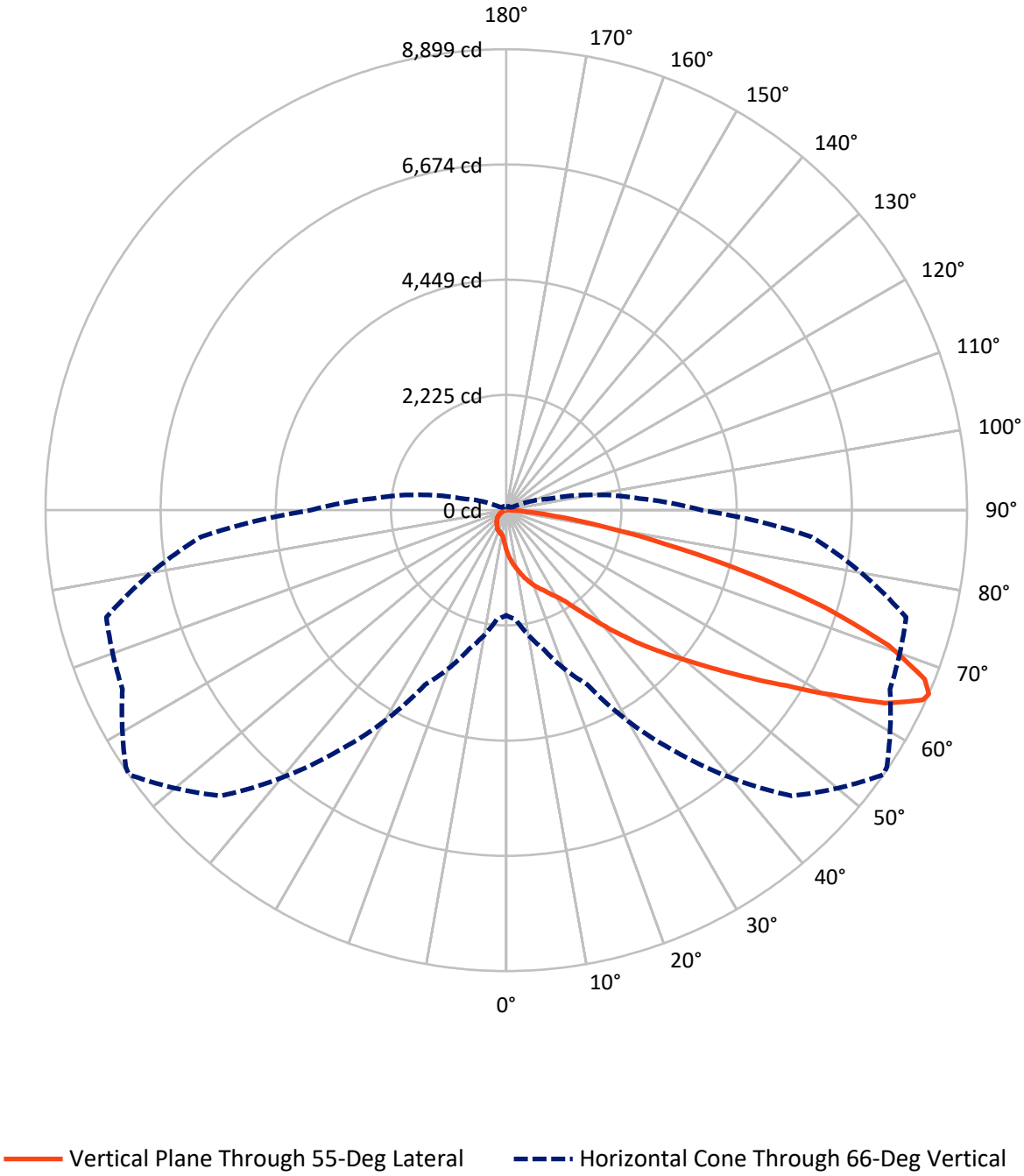
Iso-Footcandle Lines of Horizontal Illumination



Based on 20 foot mounting height. Maximum calculated value = 4 fc
Type III - Short - N/A

REPORT NUMBER: P1461027
CATALOG NUMBER: PRV-PC1C-730-U-T4RE-HSS

Luminous Intensity Polar Plot



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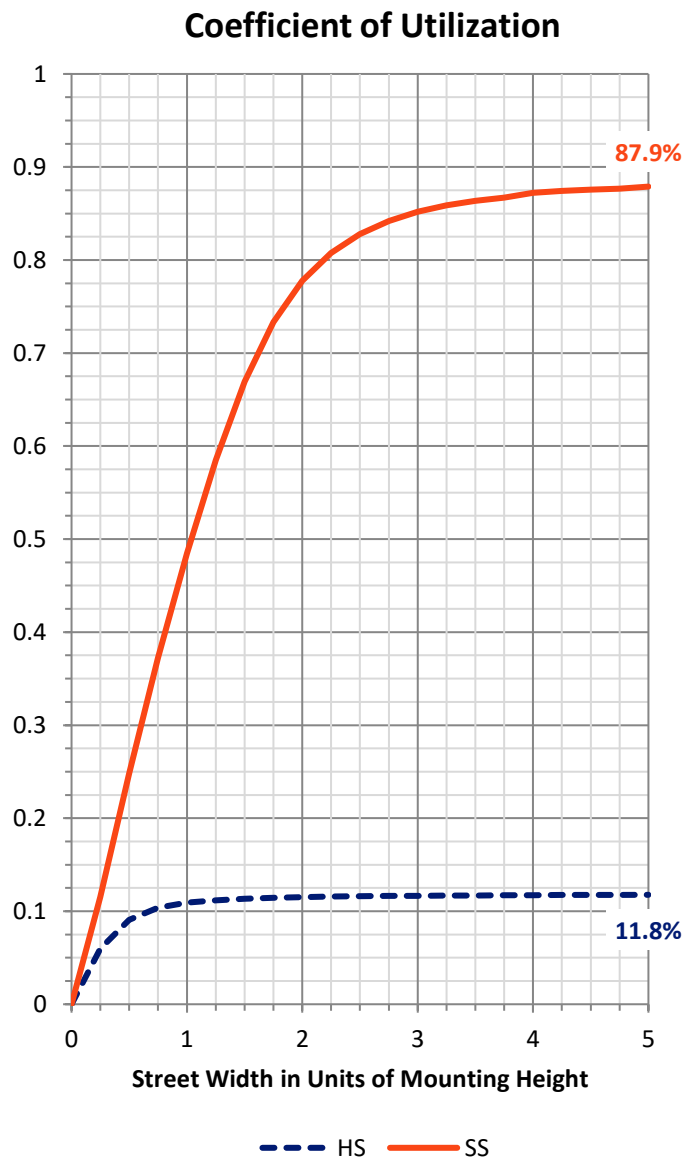
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1287.8	0.0	1287.8
	% Fixture	11.9	0.0	11.9
Street Side	Lumens	9558.2	0.0	9558.2
	% Fixture	88.1	0.0	88.1
Total	Lumens	10846.0	0.0	10846.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	77.2	0.7
10°-20°	260.1	2.4
20°-30°	482.0	4.4
30°-40°	838.1	7.7
40°-50°	1620.9	14.9
50°-60°	2773.5	25.6
60°-70°	3146.3	29.0
70°-80°	1502.2	13.9
80°-90°	145.7	1.3
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°	10846.0	100.0
0°-180°	10846.0	100.0



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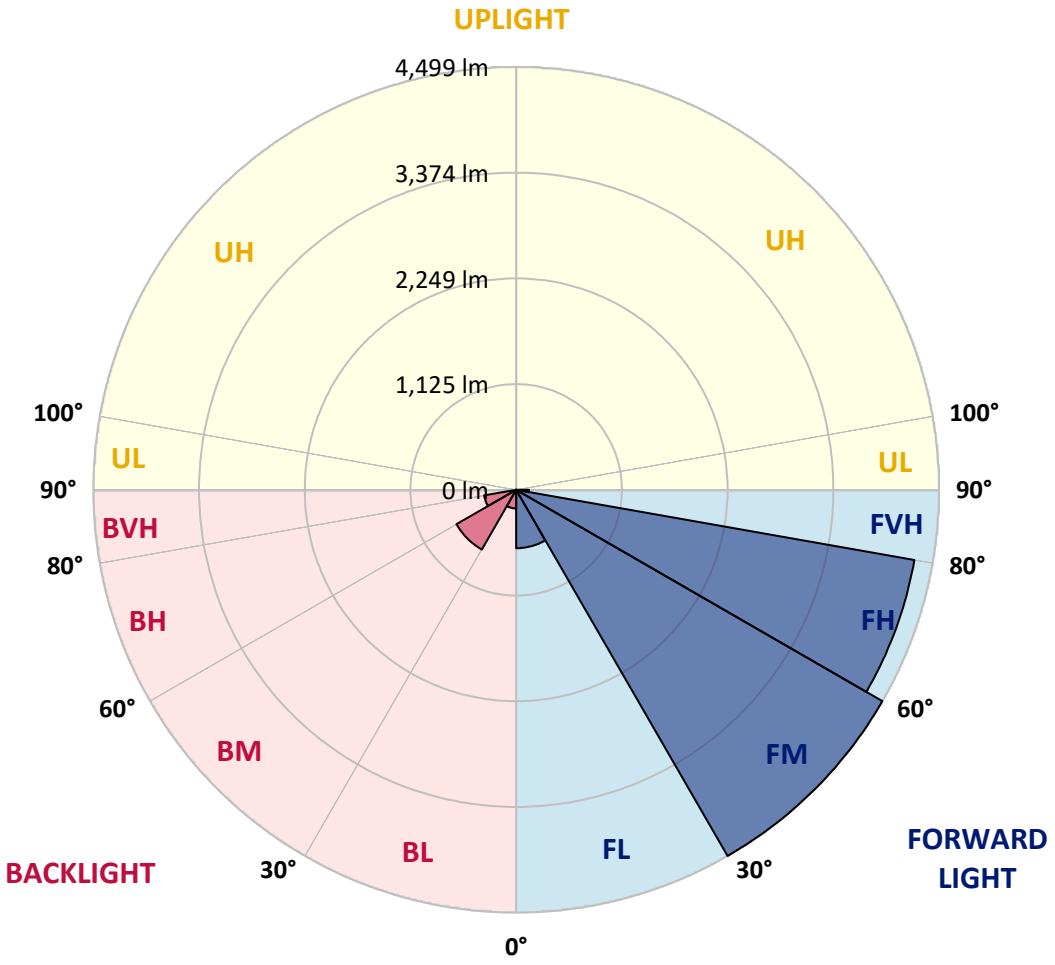
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	620.8	5.7			
FM	(30°-60°)	4499.0	41.5			
FH	(60°-80°)	4302.1	39.7			G2/5000
FVH	(80°-90°)	136.3	1.3			G2/225
BL	(0°-30°)	198.5	1.8	B1/500		
BM	(30°-60°)	733.6	6.8	B1/1000		
BH	(60°-80°)	346.3	3.2	B1/500		G1/500
BVH	(80°-90°)	9.4	0.1			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G2
Type III Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	56°	65°	75°	85°
0°	775.5	775.5	775.5	775.5	775.5	775.5	*775.5*	775.5	775.5	775.5	775.5
2.5°	938.5	949.0	940.7	932.4	921.9	900.0	*881.9*	877.4	855.5	826.1	793.6
5°	1092.4	1094.6	1085.6	1065.2	1047.8	1009.4	*974.7*	971.7	927.9	871.3	811.0
7.5°	1227.4	1228.1	1213.1	1195.0	1161.8	1121.0	*1069.0*	1059.2	997.3	920.4	829.1
10°	1353.4	1351.9	1341.3	1320.2	1281.7	1224.4	*1160.3*	1153.5	1072.0	971.7	853.2
12.5°	1445.4	1442.4	1438.6	1416.7	1385.8	1333.8	*1259.1*	1247.8	1155.7	1026.0	877.4
15°	1508.8	1505.8	1505.0	1495.2	1472.6	1437.1	*1361.7*	1353.4	1246.3	1096.9	907.5
17.5°	1550.3	1550.3	1551.8	1548.8	1538.2	1511.8	*1457.5*	1453.0	1347.3	1166.3	944.5
20°	1597.0	1594.8	1600.1	1601.6	1595.5	1582.7	*1554.0*	1547.3	1449.2	1258.3	986.7
22.5°	1658.2	1655.9	1658.2	1661.9	1661.9	1653.6	*1638.5*	1634.8	1567.6	1365.4	1040.3
25°	1732.8	1730.6	1732.8	1736.6	1737.4	1741.9	*1726.0*	1726.8	1680.0	1480.1	1105.9
27.5°	1826.4	1826.4	1824.1	1825.6	1833.2	1839.2	*1836.2*	1834.7	1791.7	1621.2	1182.1
30°	1935.8	1932.0	1935.8	1932.8	1938.0	1942.6	*1943.3*	1946.3	1922.9	1767.5	1290.0
32.5°	2048.2	2047.4	2064.0	2070.8	2073.1	2091.2	*2102.5*	2113.1	2104.8	1967.5	1443.2
35°	2196.8	2193.8	2210.4	2233.0	2253.4	2282.0	*2342.4*	2332.6	2380.1	2319.8	1697.4
37.5°	2381.6	2375.6	2397.5	2426.9	2462.3	2518.9	*2615.5*	2619.2	2743.7	2816.1	2161.3
40°	2644.9	2635.1	2638.9	2708.3	2749.8	2815.4	*2955.7*	2961.7	3193.3	3385.0	2717.3
42.5°	2905.9	2899.1	2916.5	2928.5	2976.1	3128.5	*3323.8*	3326.1	3672.4	3967.3	3348.7
45°	3200.1	3194.8	3193.3	3196.4	3208.4	3406.1	*3720.7*	3748.6	4142.4	4558.0	4006.6
47.5°	3518.5	3496.6	3505.7	3498.9	3505.7	3716.1	*4128.8*	4137.1	4639.5	5112.5	4639.5
50°	3800.6	3799.9	3814.2	3828.5	3851.2	4116.0	*4584.4*	4644.8	5085.4	5661.0	5255.8
52.5°	4023.9	4023.2	4112.2	4171.0	4234.4	4582.9	*5105.7*	5148.7	5597.6	6235.0	5892.6
55°	4091.1	4111.4	4335.5	4550.5	4705.1	5151.7	*5714.5*	5731.9	6130.2	6880.1	6496.8
57.5°	3953.0	3993.7	4379.2	4794.9	5240.8	5894.1	*6398.0*	6377.6	6732.9	7611.8	6957.0
60°	3587.9	3641.4	4198.2	4847.0	5679.8	6732.9	*7242.2*	7232.4	7473.8	8242.5	7075.4
62.5°	3002.5	3082.4	3747.8	4574.6	5926.5	7473.0	*8202.5*	8161.0	8069.0	8480.1	6793.3
65°	2309.2	2374.1	3076.4	3989.2	5809.6	7844.2	*8838.5*	8815.8	8250.8	8191.2	6215.4
66°	*2030.8*	*2118.3*	*2778.4*	*3718.4*	*5682.8*	*7801.9*	*8898.8*	*8864.9*	*8179.1*	*7995.0*	*5923.5*
67.5°	1685.3	1778.9	2389.2	3286.9	5409.7	7499.4	*8714.0*	8726.0	7953.6	7582.4	5387.1
70°	1305.9	1388.8	1922.2	2677.3	4837.9	6450.8	*7835.9*	7903.8	7296.5	6582.8	4501.5
72.5°	866.8	940.7	1290.8	1945.6	4028.5	5074.8	*6447.8*	6564.0	6406.3	5276.2	3476.2
75°	466.2	503.2	704.6	1145.9	2887.8	3772.7	*4771.5*	4890.7	4812.3	3582.6	2177.9
77.5°	295.7	285.9	319.9	517.5	1637.8	2709.0	*3132.2*	3236.3	2954.2	1833.2	986.0
80°	213.5	195.4	200.7	266.3	684.2	1729.8	*1838.5*	1795.5	1431.8	644.3	302.5
82.5°	149.4	141.1	137.3	159.9	253.5	891.7	*949.8*	893.2	503.9	202.2	98.8
85°	97.3	90.5	88.3	96.6	110.1	388.5	*380.2*	363.6	184.1	90.5	55.8
87.5°	50.5	50.5	50.5	55.8	56.6	133.5	*114.7*	110.9	61.1	36.2	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

REPORT NUMBER: P1461027
CATALOG NUMBER: PRV-PC1C-730-U-T4RE-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	775.5	775.5	775.5	775.5	775.5	775.5	775.5	775.5	775.5	775.5	775.5
2.5°	777.8	761.2	732.5	699.3	669.9	649.5	628.4	613.3	605.8	602.8	602.0
5°	778.5	745.3	682.7	626.1	581.6	556.7	537.9	524.3	518.3	513.7	514.5
7.5°	780.8	731.0	638.2	567.3	520.5	499.4	490.4	488.1	488.8	489.6	488.1
10°	783.8	717.4	596.7	520.5	485.8	475.3	476.0	479.8	481.3	482.8	482.1
12.5°	791.4	703.8	561.3	486.6	467.0	465.5	467.0	470.7	473.0	474.5	475.3
15°	800.4	693.3	528.1	464.7	454.9	454.9	455.7	459.4	462.4	464.7	464.7
17.5°	812.5	682.0	497.9	448.9	444.3	442.8	442.8	446.6	448.9	451.9	451.1
20°	829.1	671.4	471.5	436.0	430.8	429.2	429.2	431.5	435.3	437.5	436.0
22.5°	853.2	664.6	449.6	424.0	417.2	414.2	413.4	415.7	418.7	422.5	423.2
25°	884.1	660.1	430.8	408.1	400.6	397.6	396.1	397.6	401.3	405.9	405.9
27.5°	924.9	663.9	413.4	392.3	381.7	376.4	374.9	377.2	383.2	389.3	389.3
30°	983.0	679.7	399.1	374.2	359.8	351.5	347.8	350.8	359.8	369.7	371.2
32.5°	1068.2	712.9	390.8	359.8	341.0	326.7	316.8	321.4	332.7	346.3	347.8
35°	1238.0	786.8	385.5	347.0	321.4	302.5	289.7	288.2	304.0	319.9	325.1
37.5°	1578.9	992.0	385.5	332.7	304.0	279.9	261.0	257.2	272.3	291.9	295.7
40°	2028.6	1320.9	448.1	319.9	287.4	258.0	233.9	228.6	238.4	259.5	264.0
42.5°	2537.0	1733.6	594.5	311.6	270.8	237.6	211.2	204.4	212.0	226.3	230.1
45°	3123.9	2210.4	845.7	319.1	255.0	216.5	190.1	181.8	187.8	193.9	195.4
47.5°	3688.2	2702.2	1190.4	349.3	239.9	196.9	170.5	165.2	166.0	166.7	166.0
50°	4242.7	3206.2	1614.4	415.7	222.5	178.8	155.4	147.9	147.1	144.8	144.1
52.5°	4797.2	3727.4	2060.2	488.1	205.2	162.2	141.8	133.5	129.8	127.5	129.0
55°	5315.4	4237.4	2477.4	513.7	186.3	147.1	129.0	119.2	114.7	111.6	112.4
57.5°	5566.7	4527.1	2657.0	464.7	166.0	133.5	116.9	106.4	101.8	99.6	99.6
60°	5466.3	4393.6	2384.6	332.7	147.1	119.2	104.9	95.1	91.3	89.0	89.0
62.5°	4911.1	3768.2	1757.0	221.0	126.7	104.9	93.5	86.0	82.2	80.7	80.7
65°	4122.8	2940.6	1054.6	159.9	107.9	93.5	86.0	78.5	74.7	71.7	71.7
66°	*3766.7*	*2580.8*	*835.9*	*145.6*	*101.1*	*89.0*	*83.0*	*76.2*	*70.9*	*67.9*	*67.9*
67.5°	3204.7	2088.2	540.1	127.5	91.3	83.7	78.5	71.7	66.4	61.9	61.9
70°	2433.7	1418.3	243.7	101.1	78.5	76.2	70.2	61.9	58.1	54.3	53.6
72.5°	1754.0	910.6	123.0	79.2	66.4	67.1	58.1	53.6	48.3	44.5	44.5
75°	1115.0	492.6	77.7	61.1	56.6	57.3	48.3	43.8	40.0	37.0	37.7
77.5°	476.8	191.6	56.6	47.5	47.5	48.3	40.7	36.2	33.9	30.9	30.9
80°	150.1	82.2	40.7	36.2	38.5	40.0	33.9	31.7	27.9	21.9	22.6
82.5°	70.9	47.5	27.9	27.2	27.9	31.7	26.4	23.4	20.4	9.1	6.8
85°	46.0	24.1	15.1	14.3	15.8	18.9	18.1	12.8	9.1	3.0	3.0
87.5°	20.4	9.8	6.0	6.0	6.0	6.8	6.0	4.5	3.8	1.5	1.5
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
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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: SP2-2501-321-4

Test Date: 04/10/2025

Luminaire Tested: GKO-PB1E-730-U-T4W

Data in this report applies to families of products including GKO-PB1E-730-U-T4W

Report Generated By FNC07603 / LDUCLS01DT447
Version: v7.04

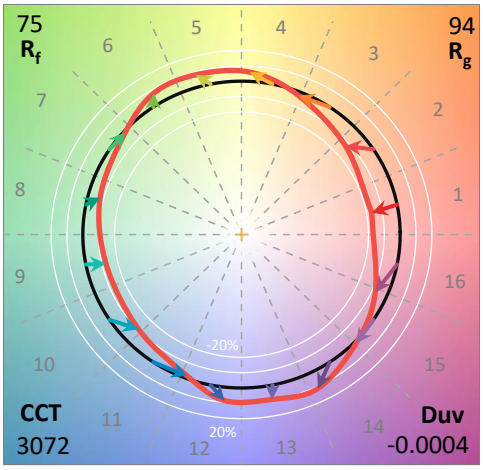
Test Information

Test Method:	LM-79-2019
Report Number:	SP2-2501-321-4
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-730-U-T4W**
Description:	Gekko Wedge Wall Pack Fixture 1 SQ w/ T4W distribution

Spectral Parameters

CCT (K):	3072	CRI (Ra):	71.7			
CIE u':	0.2482	R1:	68.1	R9:	-33.9	
CIE v':	0.5193	R2:	82.1	R10:	58.6	
Duv:	-0.0004	R3:	93.4	R11:	62.0	
CIE x:	0.4313	R4:	67.3	R12:	48.5	
CIE y:	0.4010	R5:	67.2	R13:	70.7	
CIE z:	0.1677	R6:	74.9	R14:	96.4	
Peak Wavelength (nm):	593	R7:	77.5	R15:	60.2	
Dominant Wavelength (nm):	582	R8:	43.4			
Purity:	49.8225					

Rf:	74.7
Rg:	94.2



Test Conditions

Stabilization Time:	30M
Operation Time:	1H 30M
Sphere Temperature (°C):	25.7

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

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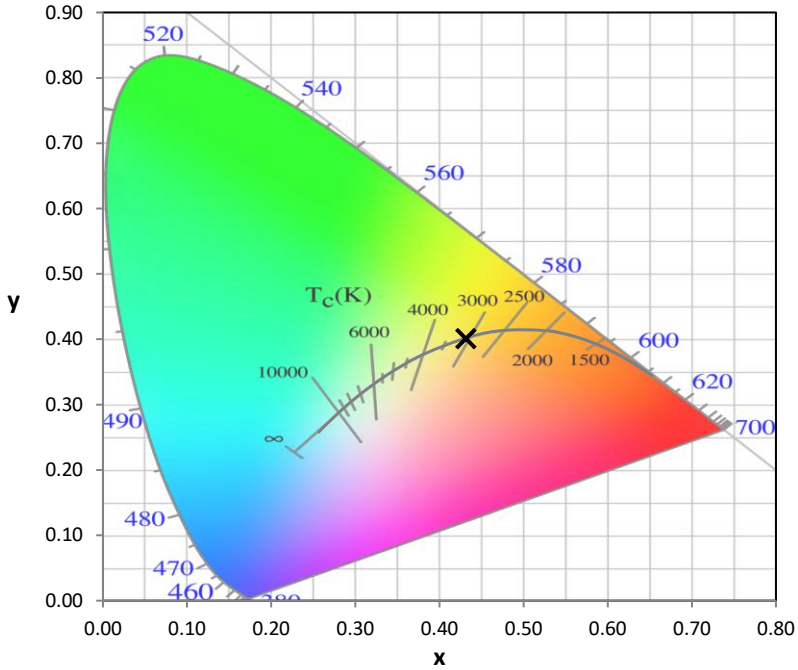
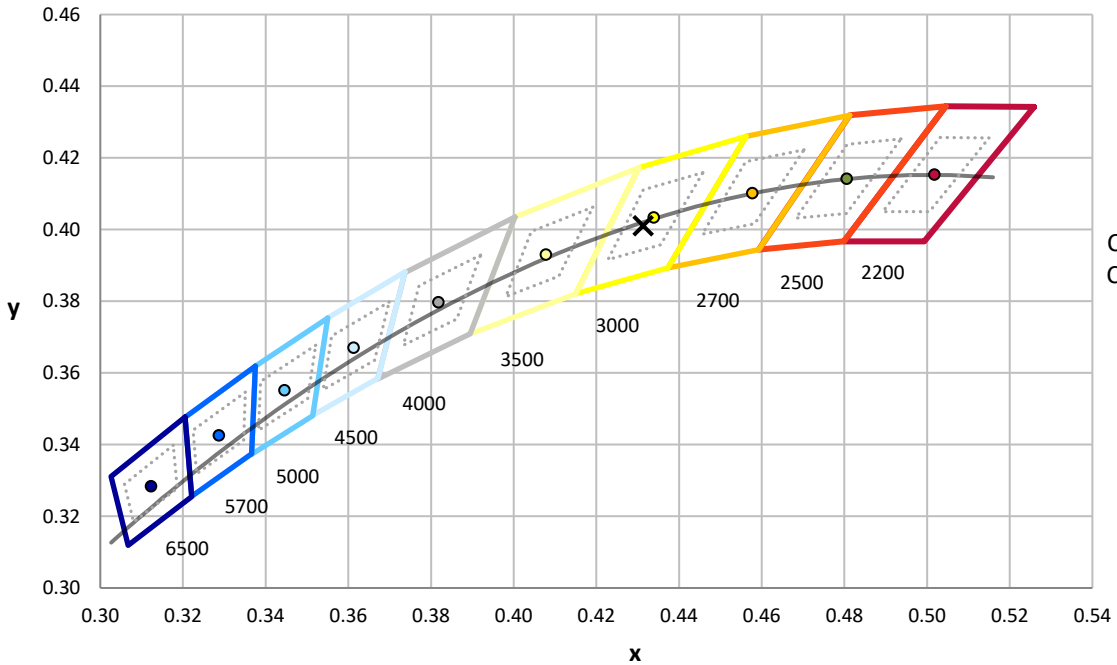
CIE 1931 Chromaticity Diagram



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

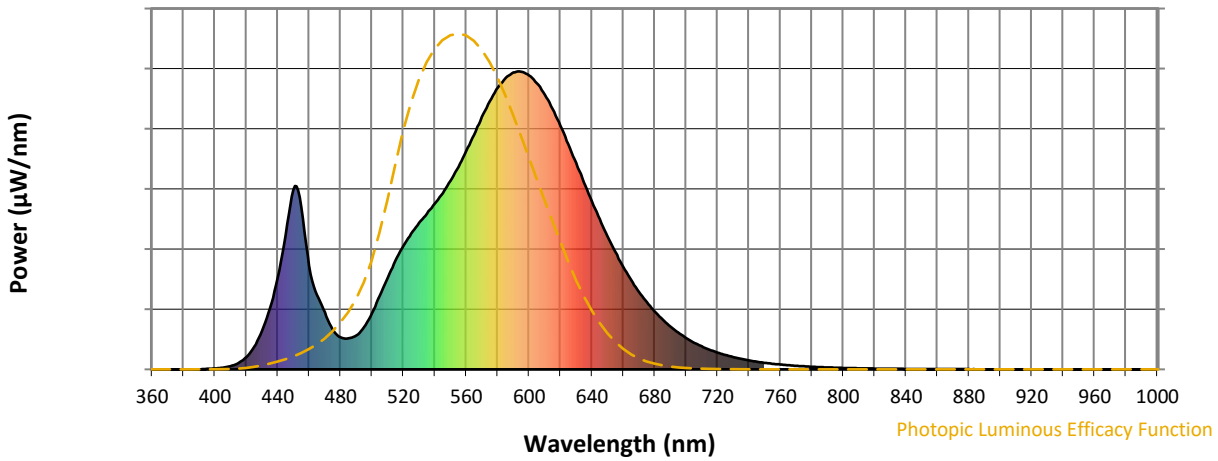


CCT = 3072K
CIE x = 0.4313
CIE y = 0.4010
Duv = -0.0004

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP2-2501-321-4

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	817	NR	750	22	NR	880	1	NR
365	0	NR	495	141	NR	625	756	NR	755	19	NR	885	1	NR
370	0	NR	500	189	NR	630	693	NR	760	16	NR	890	0	NR
375	0	NR	505	247	NR	635	628	NR	765	14	NR	895	0	NR
380	0	NR	510	307	NR	640	564	NR	770	12	NR	900	0	NR
385	0	NR	515	366	NR	645	504	NR	775	10	NR	905	0	NR
390	0	NR	520	415	NR	650	446	NR	780	9	NR	910	0	NR
395	2	NR	525	455	NR	655	393	NR	785	8	NR	915	0	NR
400	3	NR	530	491	NR	660	344	NR	790	7	NR	920	0	NR
405	6	NR	535	523	NR	665	300	NR	795	6	NR	925	0	NR
410	11	NR	540	556	NR	670	260	NR	800	5	NR	930	0	NR
415	21	NR	545	591	NR	675	226	NR	805	4	NR	935	0	NR
420	41	NR	550	632	NR	680	195	NR	810	4	NR	940	0	NR
425	76	NR	555	679	NR	685	167	NR	815	3	NR	945	0	NR
430	129	NR	560	732	NR	690	144	NR	820	3	NR	950	0	NR
435	205	NR	565	787	NR	695	123	NR	825	2	NR	955	0	NR
440	307	NR	570	847	NR	700	105	NR	830	2	NR	960	0	NR
445	451	NR	575	900	NR	705	90	NR	835	2	NR	965	0	NR
450	603	NR	580	944	NR	710	77	NR	840	2	NR	970	0	NR
455	544	NR	585	977	NR	715	66	NR	845	1	NR	975	0	NR
460	348	NR	590	997	NR	720	56	NR	850	1	NR	980	0	NR
465	249	NR	595	998	NR	725	48	NR	855	1	NR	985	0	NR
470	191	NR	600	986	NR	730	41	NR	860	1	NR	990	0	NR
475	133	NR	605	960	NR	735	35	NR	865	1	NR	995	0	NR
480	107	NR	610	921	NR	740	30	NR	870	1	NR	1000	0	NR
485	104	NR	615	874	NR	745	26	NR	875	1	NR			

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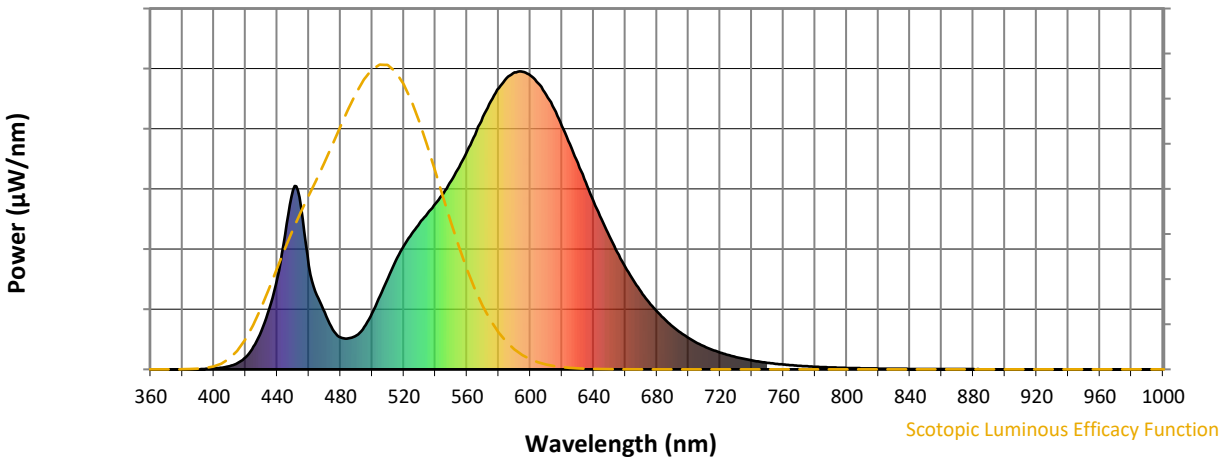
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.24**

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	817	NR	750	22	NR	880	1	NR
365	0	NR	495	141	NR	625	756	NR	755	19	NR	885	1	NR
370	0	NR	500	189	NR	630	693	NR	760	16	NR	890	0	NR
375	0	NR	505	247	NR	635	628	NR	765	14	NR	895	0	NR
380	0	NR	510	307	NR	640	564	NR	770	12	NR	900	0	NR
385	0	NR	515	366	NR	645	504	NR	775	10	NR	905	0	NR
390	0	NR	520	415	NR	650	446	NR	780	9	NR	910	0	NR
395	2	NR	525	455	NR	655	393	NR	785	8	NR	915	0	NR
400	3	NR	530	491	NR	660	344	NR	790	7	NR	920	0	NR
405	6	NR	535	523	NR	665	300	NR	795	6	NR	925	0	NR
410	11	NR	540	556	NR	670	260	NR	800	5	NR	930	0	NR
415	21	NR	545	591	NR	675	226	NR	805	4	NR	935	0	NR
420	41	NR	550	632	NR	680	195	NR	810	4	NR	940	0	NR
425	76	NR	555	679	NR	685	167	NR	815	3	NR	945	0	NR
430	129	NR	560	732	NR	690	144	NR	820	3	NR	950	0	NR
435	205	NR	565	787	NR	695	123	NR	825	2	NR	955	0	NR
440	307	NR	570	847	NR	700	105	NR	830	2	NR	960	0	NR
445	451	NR	575	900	NR	705	90	NR	835	2	NR	965	0	NR
450	603	NR	580	944	NR	710	77	NR	840	2	NR	970	0	NR
455	544	NR	585	977	NR	715	66	NR	845	1	NR	975	0	NR
460	348	NR	590	997	NR	720	56	NR	850	1	NR	980	0	NR
465	249	NR	595	998	NR	725	48	NR	855	1	NR	985	0	NR
470	191	NR	600	986	NR	730	41	NR	860	1	NR	990	0	NR
475	133	NR	605	960	NR	735	35	NR	865	1	NR	995	0	NR
480	107	NR	610	921	NR	740	30	NR	870	1	NR	1000	0	NR
485	104	NR	615	874	NR	745	26	NR	875	1	NR			

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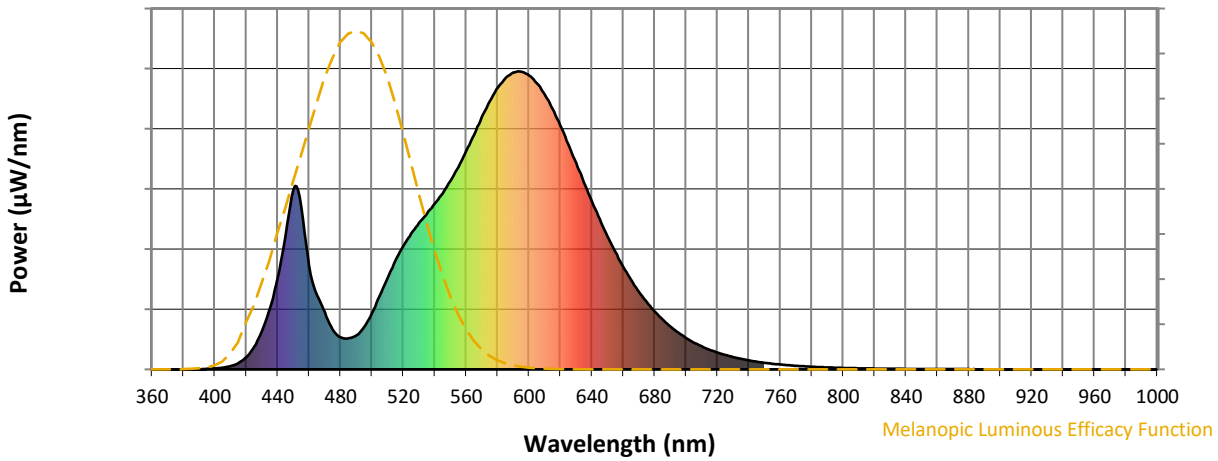
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.3**

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	817	NR	750	22	NR	880	1	NR
365	0	NR	495	141	NR	625	756	NR	755	19	NR	885	1	NR
370	0	NR	500	189	NR	630	693	NR	760	16	NR	890	0	NR
375	0	NR	505	247	NR	635	628	NR	765	14	NR	895	0	NR
380	0	NR	510	307	NR	640	564	NR	770	12	NR	900	0	NR
385	0	NR	515	366	NR	645	504	NR	775	10	NR	905	0	NR
390	0	NR	520	415	NR	650	446	NR	780	9	NR	910	0	NR
395	2	NR	525	455	NR	655	393	NR	785	8	NR	915	0	NR
400	3	NR	530	491	NR	660	344	NR	790	7	NR	920	0	NR
405	6	NR	535	523	NR	665	300	NR	795	6	NR	925	0	NR
410	11	NR	540	556	NR	670	260	NR	800	5	NR	930	0	NR
415	21	NR	545	591	NR	675	226	NR	805	4	NR	935	0	NR
420	41	NR	550	632	NR	680	195	NR	810	4	NR	940	0	NR
425	76	NR	555	679	NR	685	167	NR	815	3	NR	945	0	NR
430	129	NR	560	732	NR	690	144	NR	820	3	NR	950	0	NR
435	205	NR	565	787	NR	695	123	NR	825	2	NR	955	0	NR
440	307	NR	570	847	NR	700	105	NR	830	2	NR	960	0	NR
445	451	NR	575	900	NR	705	90	NR	835	2	NR	965	0	NR
450	603	NR	580	944	NR	710	77	NR	840	2	NR	970	0	NR
455	544	NR	585	977	NR	715	66	NR	845	1	NR	975	0	NR
460	348	NR	590	997	NR	720	56	NR	850	1	NR	980	0	NR
465	249	NR	595	998	NR	725	48	NR	855	1	NR	985	0	NR
470	191	NR	600	986	NR	730	41	NR	860	1	NR	990	0	NR
475	133	NR	605	960	NR	735	35	NR	865	1	NR	995	0	NR
480	107	NR	610	921	NR	740	30	NR	870	1	NR	1000	0	NR
485	104	NR	615	874	NR	745	26	NR	875	1	NR			

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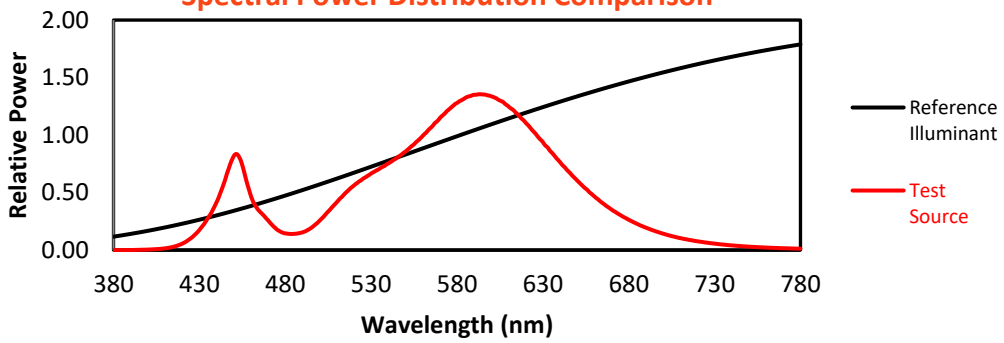
TM-30-18

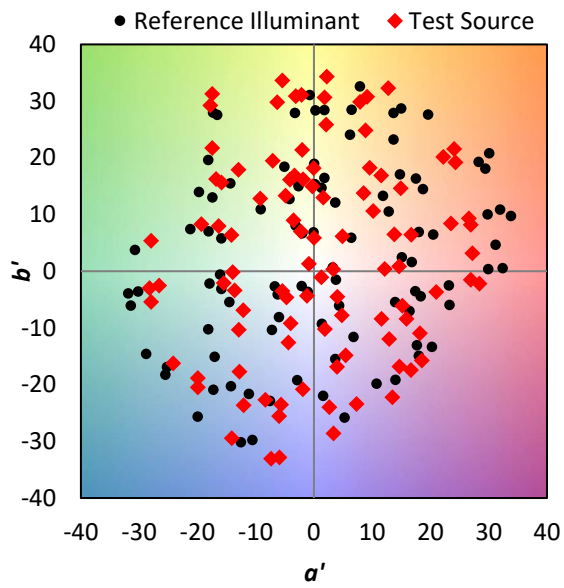
Summary

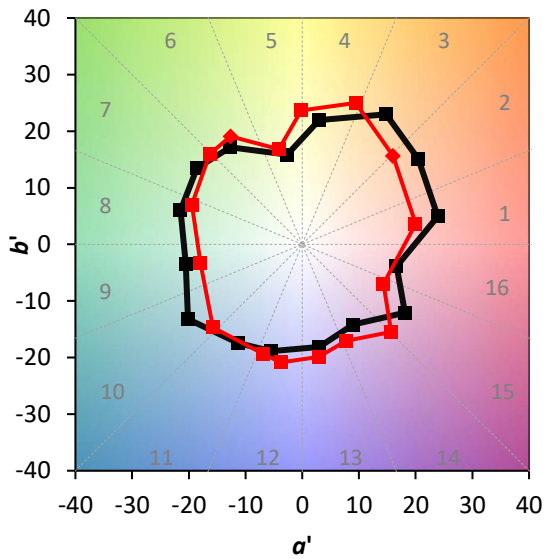
R_f = 74.7
R_g = 94.2
CIE R_a = 71.7
R_9 = -33.9

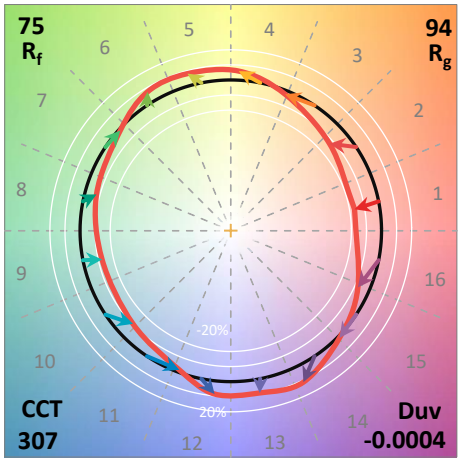
Spectral Power Distribution Comparison

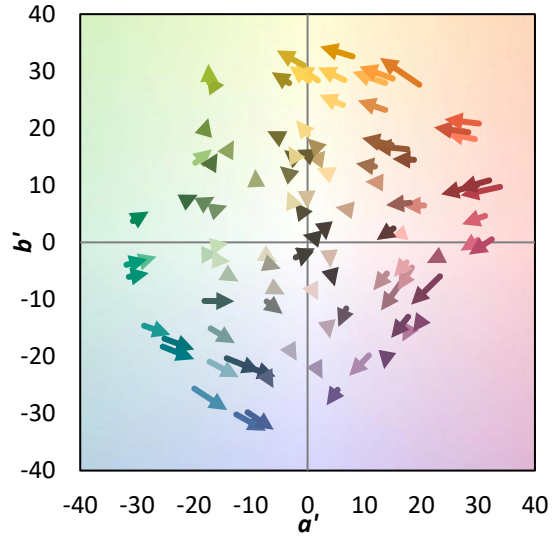


Color Vector Graphics



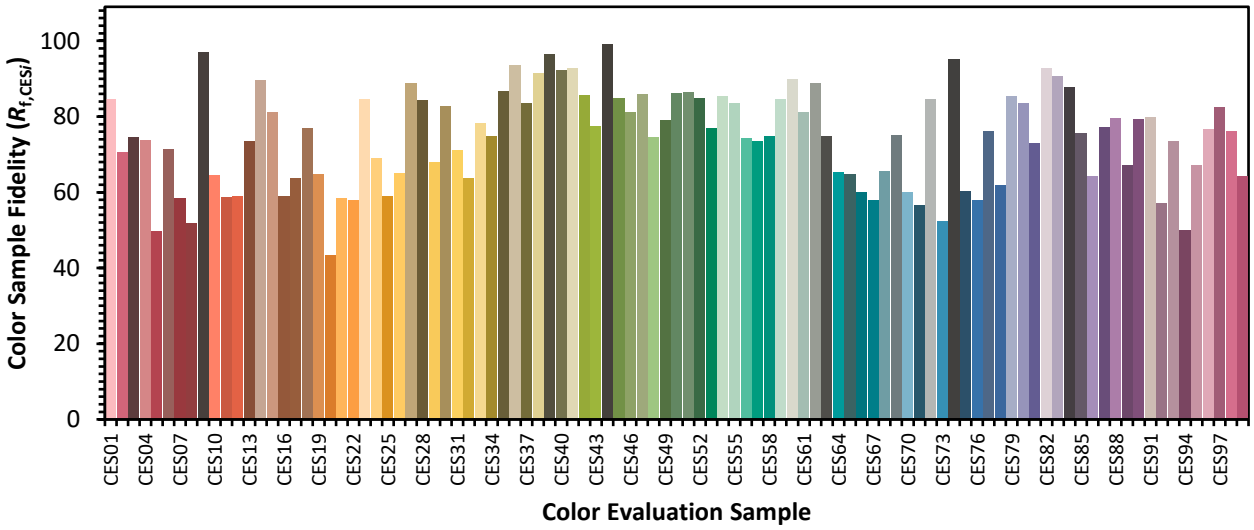




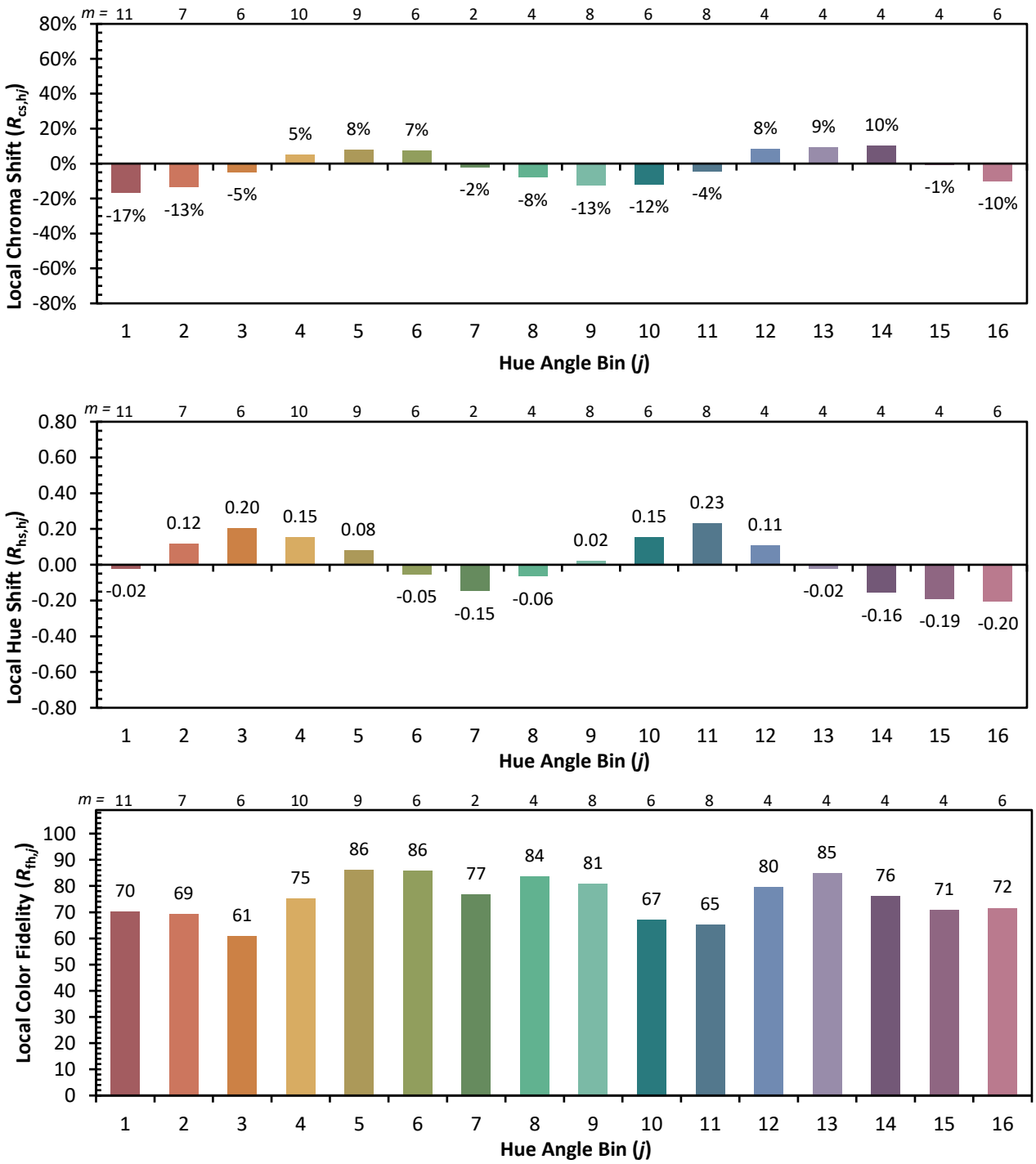


Individual Sample Fidelity Index ($R_{f,i}$)

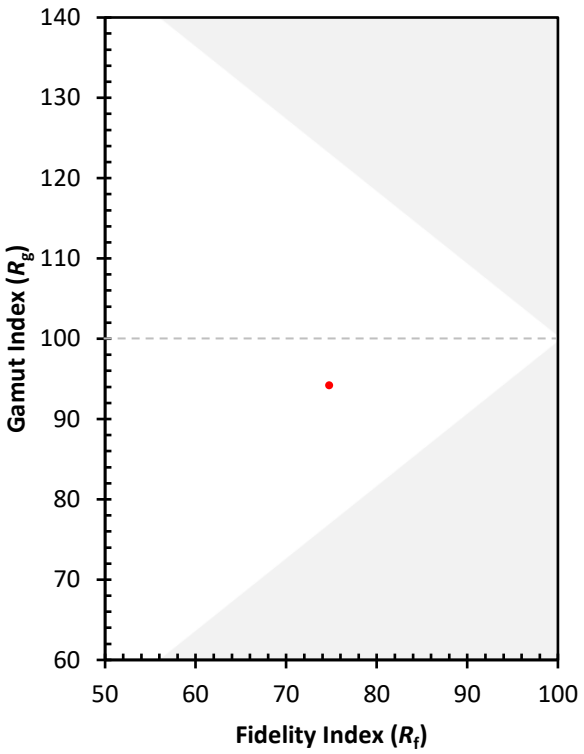
CES01 = 86	CES26 = 65	CES51 = 86	CES76 = 58
CES02 = 62	CES27 = 89	CES52 = 85	CES77 = 76
CES03 = 31	CES28 = 84	CES53 = 77	CES78 = 62
CES04 = 71	CES29 = 68	CES54 = 85	CES79 = 85
CES05 = 49	CES30 = 83	CES55 = 84	CES80 = 84
CES06 = 51	CES31 = 71	CES56 = 74	CES81 = 73
CES07 = 41	CES32 = 64	CES57 = 74	CES82 = 93
CES08 = 40	CES33 = 78	CES58 = 75	CES83 = 91
CES09 = 29	CES34 = 75	CES59 = 85	CES84 = 88
CES10 = 76	CES35 = 87	CES60 = 90	CES85 = 76
CES11 = 59	CES36 = 94	CES61 = 81	CES86 = 64
CES12 = 65	CES37 = 84	CES62 = 89	CES87 = 77
CES13 = 43	CES38 = 92	CES63 = 75	CES88 = 80
CES14 = 74	CES39 = 96	CES64 = 65	CES89 = 67
CES15 = 71	CES40 = 92	CES65 = 65	CES90 = 79
CES16 = 47	CES41 = 93	CES66 = 60	CES91 = 80
CES17 = 50	CES42 = 86	CES67 = 58	CES92 = 57
CES18 = 56	CES43 = 78	CES68 = 66	CES93 = 74
CES19 = 73	CES44 = 99	CES69 = 75	CES94 = 50
CES20 = 66	CES45 = 85	CES70 = 60	CES95 = 67
CES21 = 87	CES46 = 81	CES71 = 57	CES96 = 77
CES22 = 79	CES47 = 86	CES72 = 85	CES97 = 83
CES23 = 92	CES48 = 75	CES73 = 52	CES98 = 76
CES24 = 91	CES49 = 79	CES74 = 95	CES99 = 64
CES25 = 73	CES50 = 86	CES75 = 60	

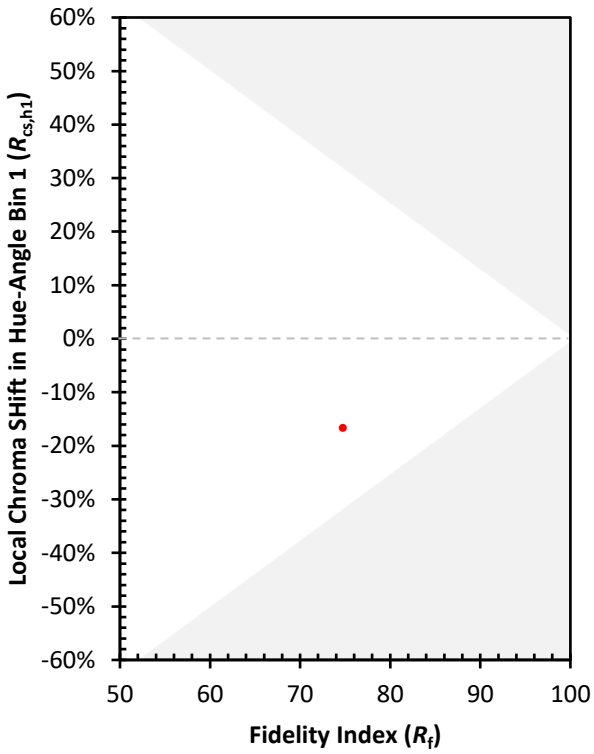


Color Rendition by Hue-Angle Bin



Measure Comparisons





(END OF REPORT)