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: P1461077

Luminaire Tested: PRV-PC1A-730-U-T4RE

Issue Date: 06/10/2026

Test Information

Test Method:	LM-79-2024
Report Number:	P1461077
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	6/10/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	LUMARK
Catalog Number:	PRV-PC1A-730-U-T4RE
Description:	PREVAIL DISCRETE LED 1 SQUARE AT 425MA 70CRI 3000K FIXTURE w/ TYPE IV ROADWAY ILLUMINANCE DISTRIBUTION OPTIC
Light Source:	(40) 3000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	8163.1 lumens
Efficiency:	N/A
Efficacy:	157.0 lumens/watt
Luminous Opening:	Rectangular (W 0.67' x L: 0.67' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B2 - U0 - G2
Input Watts (W):	52
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	3.35%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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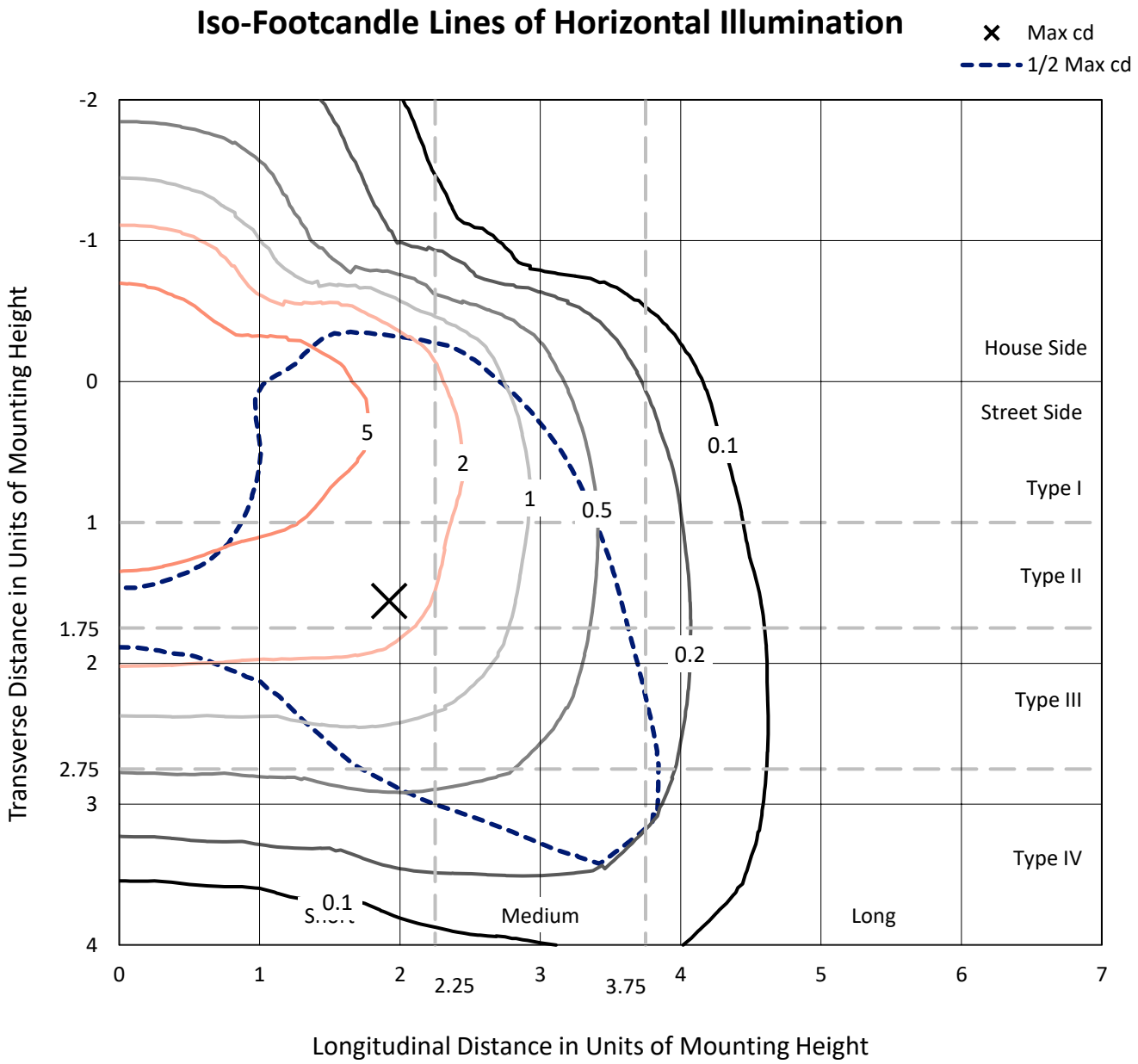
Scaled Data Report

REPORT NUMBER: P1461077
CATALOG NUMBER: PRV-PC1A-730-U-T4RE



Based on 10 foot mounting height. Maximum calculated value = 9.3 fc
Type IV - Short - N/A

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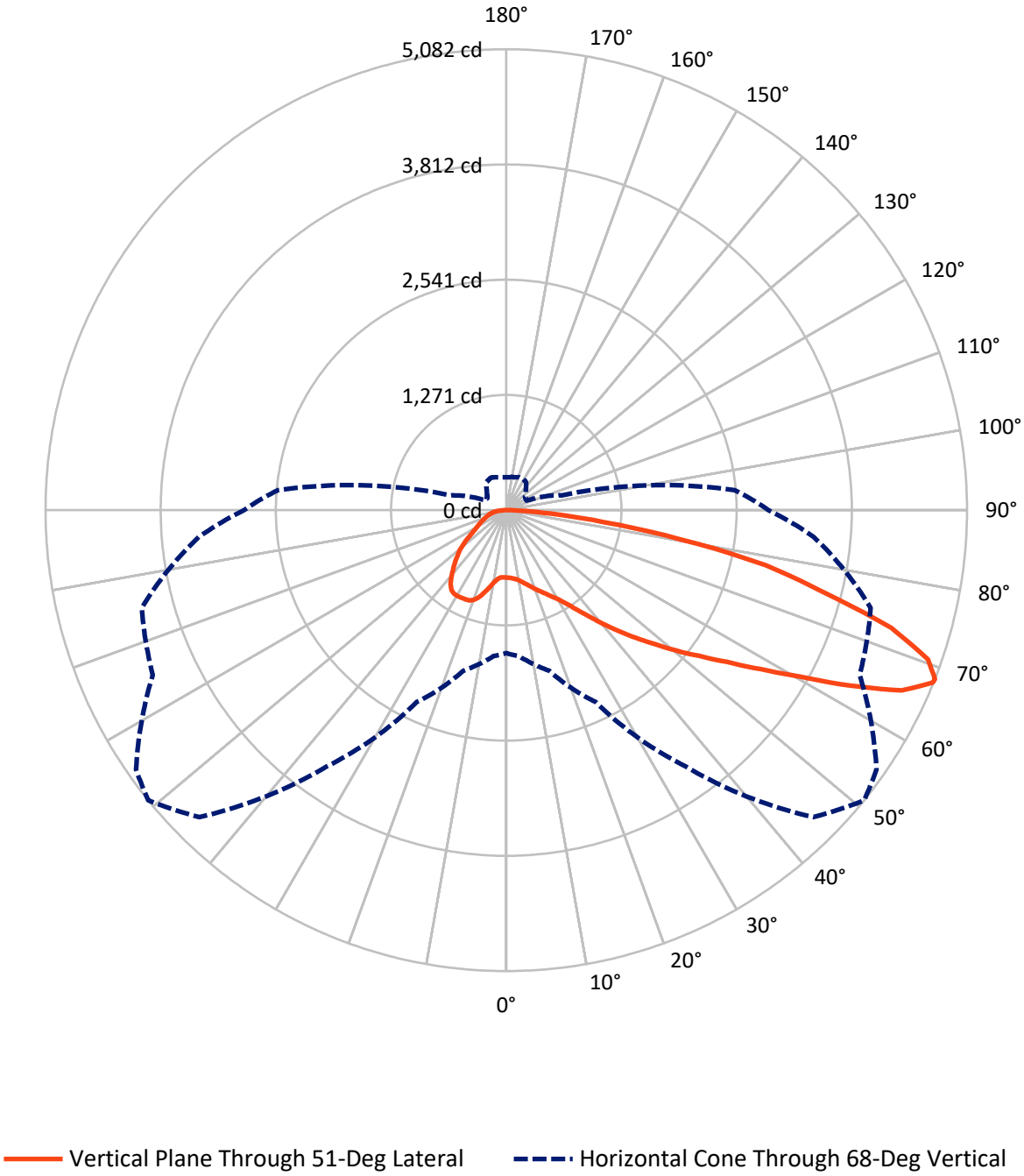
CATALOG NUMBER: PRV-PC1A-730-U-T4RE

Luminous Intensity Polar Plot



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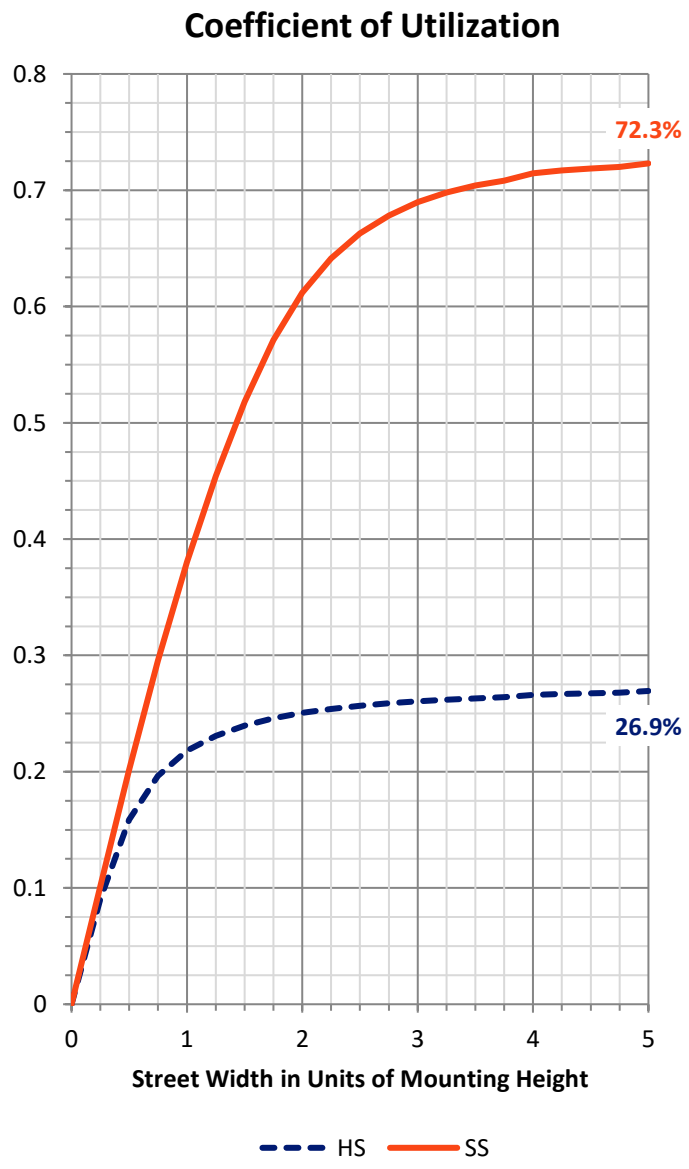
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2231.6	0.0	2231.6
	% Fixture	27.3	0.0	27.3
Street Side	Lumens	5931.5	0.0	5931.5
	% Fixture	72.7	0.0	72.7
Total	Lumens	8163.1	0.0	8163.1
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	73.5	0.9
10°-20°	256.5	3.1
20°-30°	494.1	6.1
30°-40°	790.8	9.7
40°-50°	1236.3	15.1
50°-60°	1780.5	21.8
60°-70°	2131.8	26.1
70°-80°	1216.5	14.9
80°-90°	183.1	2.2
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°	8163.1	100.0
0°-180°	8163.1	100.0



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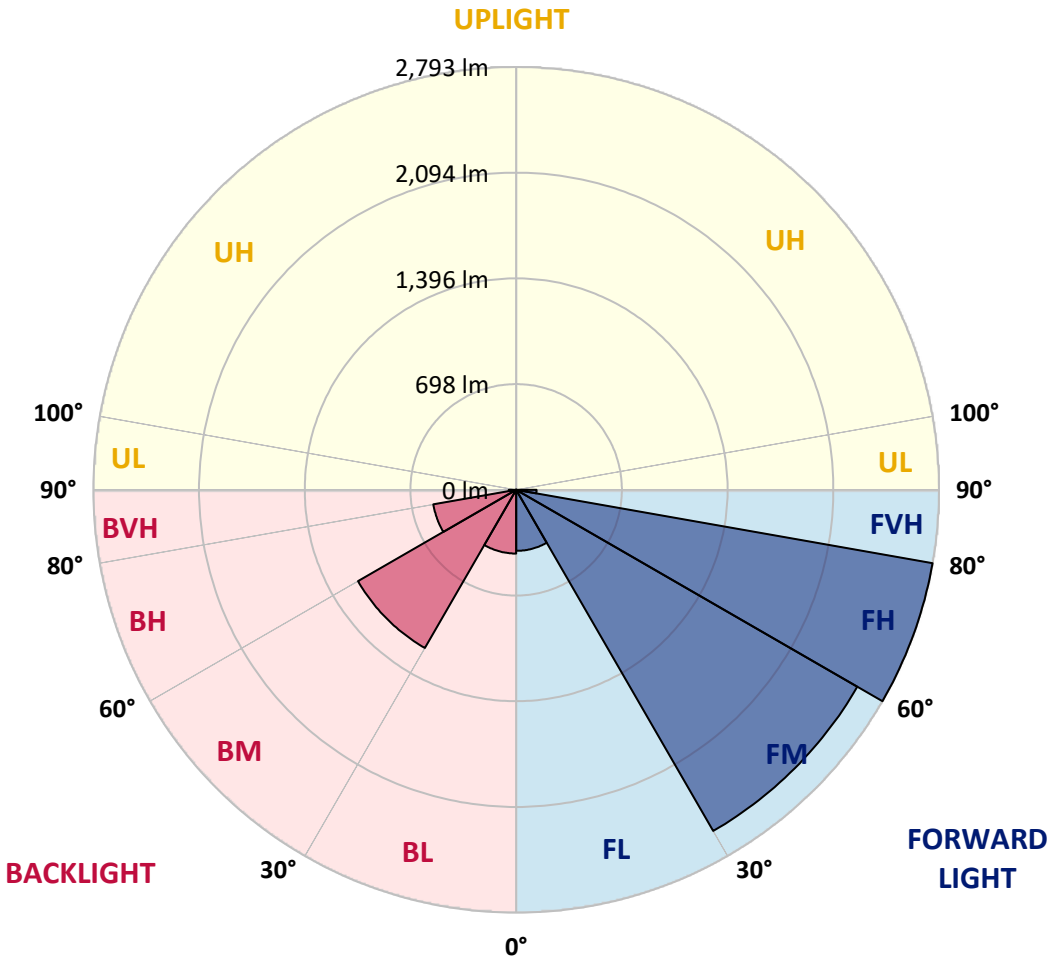
CATALOG NUMBER: PRV-PC1A-730-U-T4RE

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	403.1	4.9			
FM	(30°-60°)	2601.4	31.9			
FH	(60°-80°)	2792.6	34.2			G2/5000
FVH	(80°-90°)	134.4	1.6			G2/225
BL	(0°-30°)	421.0	5.2	B1/500		
BM	(30°-60°)	1206.1	14.8	B2/2500		
BH	(60°-80°)	555.7	6.8	B2/1000		G2/1000
BVH	(80°-90°)	48.7	0.6			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B2-U0-G2
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	51°	55°	65°	75°	85°
0°	743.4	743.4	743.4	743.4	743.4	743.4	*743.4*	743.4	743.4	743.4	743.4
2.5°	751.4	751.0	749.5	751.8	749.5	749.1	*747.2*	748.3	745.3	745.7	745.7
5°	764.7	763.9	763.5	762.4	759.7	759.4	*755.6*	757.5	754.8	752.9	750.6
7.5°	787.5	786.0	783.3	780.7	776.1	771.1	*768.1*	770.0	766.6	764.3	761.3
10°	822.9	821.3	816.8	811.8	804.2	794.7	*788.3*	787.1	783.3	779.9	776.5
12.5°	862.8	861.3	858.2	852.5	839.6	826.3	*816.4*	813.7	804.6	799.7	798.5
15°	899.3	896.6	896.6	889.0	878.4	862.8	*850.6*	846.4	830.8	825.9	825.5
17.5°	927.8	925.2	924.8	922.5	912.2	898.2	*887.5*	883.3	868.5	859.7	861.3
20°	962.0	959.4	958.6	957.1	951.0	938.1	*930.9*	927.4	909.2	897.4	903.5
22.5°	1011.5	1009.6	1006.1	999.3	990.9	982.9	*973.8*	972.7	957.9	948.0	960.1
25°	1069.6	1065.1	1063.6	1052.5	1041.9	1030.5	*1022.9*	1024.4	1010.7	1002.3	1018.3
27.5°	1142.3	1136.9	1132.0	1121.0	1100.8	1089.8	*1081.1*	1082.6	1069.3	1068.9	1099.3
30°	1224.0	1222.5	1213.4	1197.4	1172.3	1158.6	*1145.3*	1148.4	1141.5	1146.1	1197.0
32.5°	1316.4	1316.8	1305.0	1286.8	1260.9	1243.4	*1233.5*	1235.1	1239.6	1260.9	1322.1
35°	1434.3	1427.5	1427.8	1406.9	1368.9	1353.7	*1349.9*	1352.2	1368.1	1439.6	1514.9
37.5°	1564.4	1558.6	1558.6	1543.1	1506.6	1480.7	*1488.3*	1494.8	1549.9	1683.4	1763.2
40°	1704.3	1696.3	1709.2	1703.9	1661.3	1652.6	*1648.4*	1671.2	1771.6	1955.6	2064.0
42.5°	1808.5	1809.6	1817.2	1825.2	1803.5	1814.6	*1824.8*	1851.1	1997.8	2254.5	2363.6
45°	1906.6	1907.3	1913.8	1926.0	1934.3	1964.8	*2010.8*	2048.4	2248.8	2515.7	2632.1
47.5°	2011.5	2007.7	2018.4	2048.4	2060.2	2139.3	*2207.4*	2273.1	2471.3	2775.1	2883.8
50°	2124.1	2124.5	2135.9	2175.4	2212.3	2333.6	*2435.9*	2508.5	2713.9	3034.4	3114.3
52.5°	2292.9	2278.5	2289.5	2318.4	2378.8	2542.4	*2672.0*	2756.4	2956.8	3280.0	3365.6
55°	2481.5	2484.2	2500.5	2520.3	2603.2	2808.5	*2952.6*	3048.9	3221.1	3576.6	3658.4
57.5°	2662.5	2648.4	2693.7	2757.6	2853.4	3140.1	*3308.6*	3383.9	3509.0	3931.8	3982.0
60°	2708.9	2712.3	2790.7	2954.9	3164.4	3565.2	*3726.1*	3763.7	3877.0	4380.9	4255.4
62.5°	2500.5	2510.8	2689.9	3017.7	3449.6	4056.9	*4260.0*	4262.2	4278.2	4594.2	4269.8
65°	2041.2	2062.5	2303.9	2792.2	3577.4	4539.4	*4792.3*	4773.7	4449.7	4514.3	4005.9
67.5°	1652.6	1679.9	1902.0	2428.7	3479.7	4783.2	*5076.0*	4981.3	4350.1	4250.1	3520.0
68°	*1576.5*	*1614.5*	*1832.8*	*2333.6*	*3448.9*	*4787.0*	*5082.1*	*4985.1*	*4301.4*	*4161.5*	*3404.4*
70°	1311.9	1352.2	1560.9	2075.4	3322.3	4657.7	*4934.9*	4855.0	4039.0	3740.1	2946.2
72.5°	822.9	847.2	1096.3	1653.0	3027.6	4183.9	*4440.6*	4420.8	3615.8	3058.0	2233.2
75°	353.3	365.0	544.1	997.4	2333.2	3533.3	*3607.8*	3621.1	2867.1	2164.4	1414.5
77.5°	231.6	232.0	251.7	441.1	1412.3	2834.8	*2931.0*	2709.7	1922.5	1152.9	662.0
80°	194.7	193.9	192.8	211.4	625.1	1905.4	*1953.3*	1733.6	978.0	467.7	227.8
82.5°	164.6	160.8	152.9	158.6	243.7	973.4	*1081.8*	951.0	449.1	168.8	102.3
85°	115.6	111.4	100.8	109.1	123.2	423.6	*482.2*	419.0	159.3	98.5	60.5
87.5°	49.8	41.8	43.3	51.3	55.1	126.2	*132.3*	93.2	54.4	40.7	24.3
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: P1461077
CATALOG NUMBER: PRV-PC1A-730-U-T4RE

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	743.4	743.4	743.4	743.4	743.4	743.4	743.4	743.4	743.4	743.4	743.4
2.5°	744.2	744.2	743.0	742.6	741.1	741.1	739.2	739.2	739.6	738.1	738.4
5°	749.9	748.7	747.6	745.7	744.5	744.5	745.7	747.2	748.3	748.7	748.3
7.5°	759.4	759.4	758.6	758.2	761.3	767.3	775.0	779.1	787.9	790.5	793.6
10°	776.5	776.1	778.0	785.6	798.5	814.5	828.6	840.7	853.7	855.6	858.6
12.5°	796.2	800.8	811.1	830.5	856.3	877.6	898.5	917.9	929.3	936.9	935.0
15°	827.4	835.0	858.2	892.4	918.3	947.6	970.4	987.1	998.9	1003.1	1006.9
17.5°	868.5	881.8	917.9	957.5	987.5	1009.6	1025.9	1030.5	1035.8	1038.1	1039.6
20°	917.9	943.8	989.0	1024.4	1044.5	1050.6	1053.7	1052.2	1054.8	1058.2	1060.1
22.5°	979.5	1013.7	1064.3	1081.8	1077.6	1068.5	1067.0	1069.3	1075.7	1077.6	1080.7
25°	1052.9	1086.0	1132.4	1119.1	1086.4	1074.6	1084.9	1086.0	1086.8	1086.0	1088.7
27.5°	1138.5	1171.6	1186.0	1125.5	1082.6	1087.9	1096.6	1084.5	1069.3	1059.0	1062.0
30°	1232.4	1256.3	1219.8	1114.9	1084.1	1095.1	1081.4	1041.9	1017.2	1003.5	1005.4
32.5°	1353.3	1352.2	1234.7	1109.6	1094.0	1077.3	1025.9	981.0	952.1	935.8	936.6
35°	1506.9	1462.4	1246.5	1124.8	1091.7	1029.3	969.3	921.0	898.2	884.8	886.4
37.5°	1711.5	1587.9	1272.7	1146.8	1053.7	968.9	910.3	881.4	869.6	860.1	862.4
40°	1978.8	1760.9	1351.0	1151.8	982.9	899.3	875.7	861.3	849.9	839.2	843.0
42.5°	2205.8	1937.8	1503.9	1116.8	894.7	844.5	852.9	841.9	824.4	805.4	807.3
45°	2432.1	2095.2	1684.5	1040.7	804.2	803.9	823.2	806.9	782.6	753.3	754.0
47.5°	2622.6	2249.6	1866.7	948.0	721.7	752.1	776.5	754.8	714.5	678.0	674.6
50°	2797.1	2424.9	2018.8	843.4	651.4	688.3	701.2	664.7	632.7	611.8	609.9
52.5°	2984.2	2633.2	2140.4	751.0	575.3	599.7	610.7	599.3	585.6	573.0	570.4
55°	3224.9	2905.1	2267.4	686.0	494.3	517.1	539.6	559.0	550.6	544.1	540.3
57.5°	3509.0	3251.1	2307.0	602.3	422.5	445.3	501.6	531.2	524.7	520.2	518.7
60°	3722.7	3499.1	2084.5	468.1	363.9	399.3	477.6	511.1	497.7	486.0	482.5
62.5°	3714.7	3434.8	1621.0	355.2	324.7	368.5	453.3	479.9	459.7	449.1	444.5
65°	3436.3	3133.6	1141.5	294.3	289.8	338.8	420.6	441.1	422.5	409.9	407.6
67.5°	3000.9	2669.7	708.8	255.5	259.3	308.0	386.0	405.3	383.3	371.9	372.6
68°	*2891.8*	*2528.3*	*629.7*	*247.5*	*252.5*	*303.4*	*378.7*	*395.5*	*375.3*	*364.7*	*363.9*
70°	2471.3	2088.3	416.0	225.5	231.6	281.8	351.7	363.9	347.2	338.4	336.5
72.5°	1825.6	1416.1	239.9	199.3	207.6	254.8	315.2	327.8	324.7	327.0	330.8
75°	1129.0	817.5	177.2	176.1	184.8	232.7	285.6	308.8	315.6	326.3	328.9
77.5°	538.8	394.3	146.4	152.1	163.1	205.0	259.7	296.2	297.0	298.5	300.4
80°	177.6	150.6	123.6	125.1	141.1	180.2	235.0	261.6	243.7	239.2	233.5
82.5°	93.9	97.0	99.6	100.8	117.5	148.7	184.4	193.5	178.0	125.1	123.6
85°	54.8	57.8	63.9	69.2	80.6	102.7	133.1	133.5	113.3	55.9	49.1
87.5°	18.3	22.1	21.7	25.9	30.4	41.1	56.3	58.2	46.8	19.4	11.0
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: SP2-2501-321-4

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

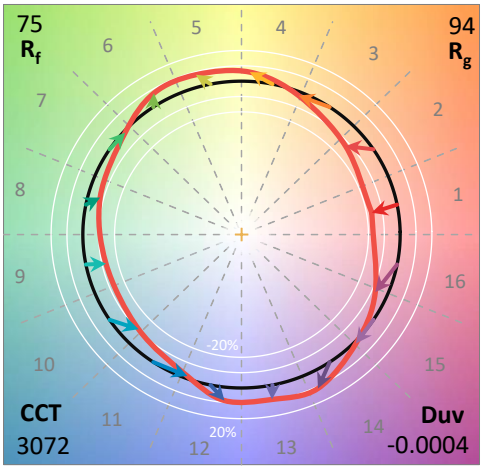
Test Information

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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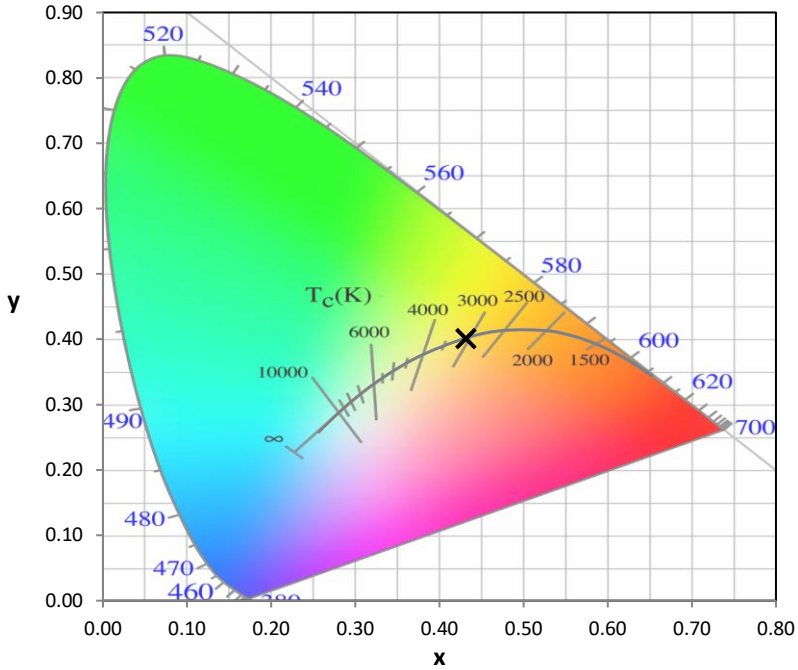
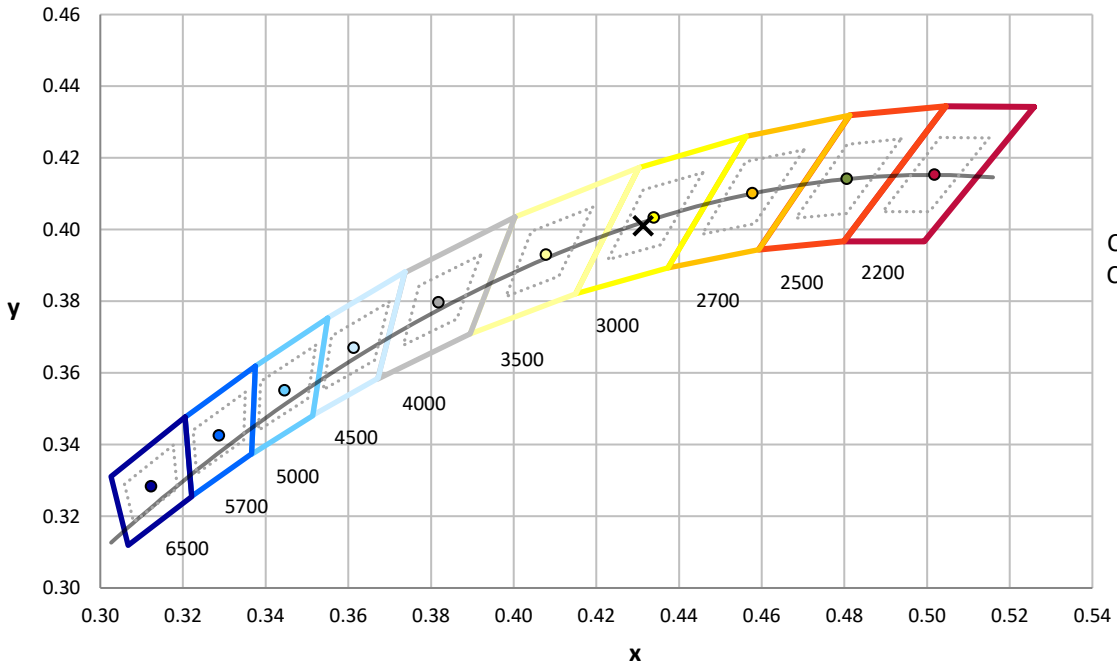
CIE 1931 Chromaticity Diagram



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

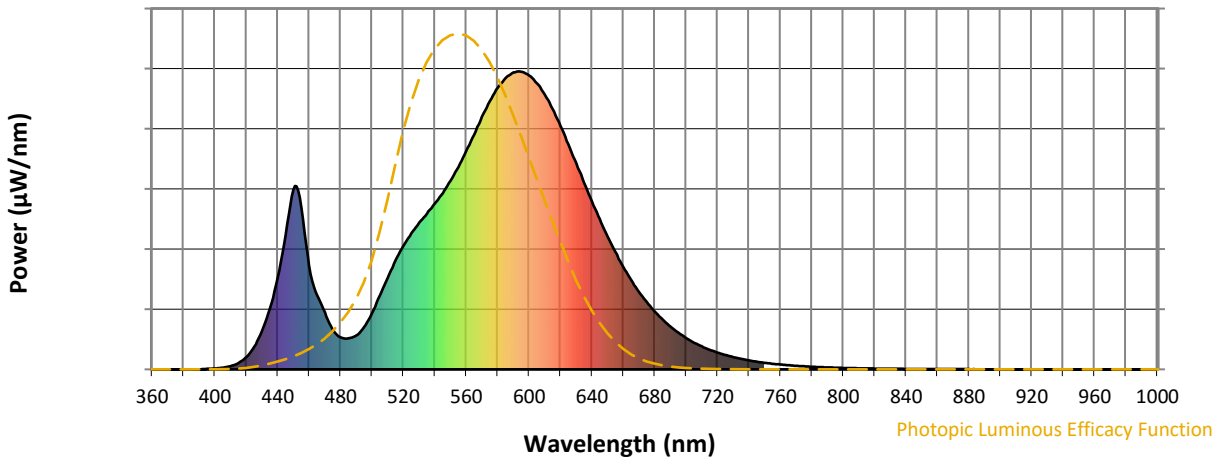


CCT = 3072K
CIE x = 0.4313
CIE y = 0.4010
Duv = -0.0004

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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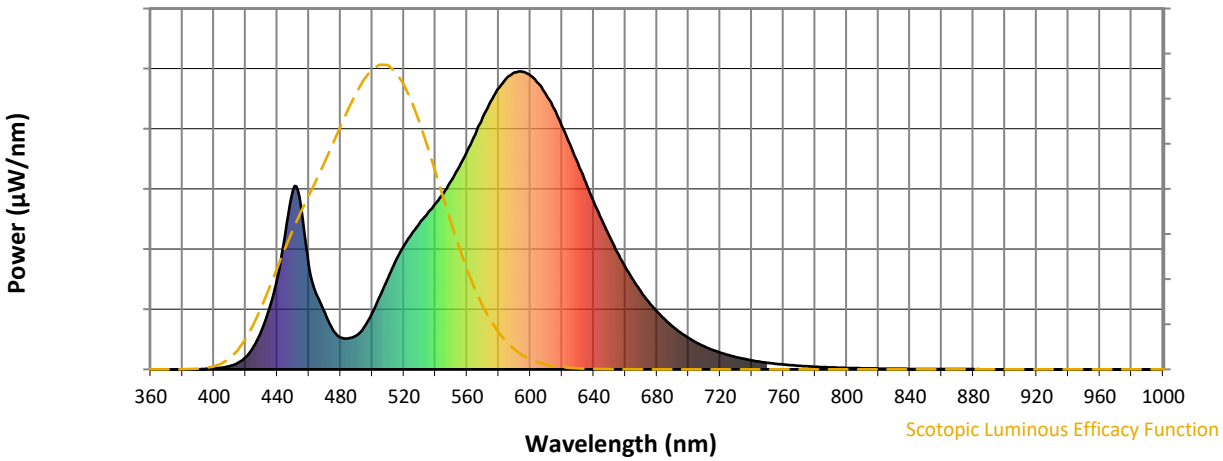
Scotopic Flux vs. Wavelength



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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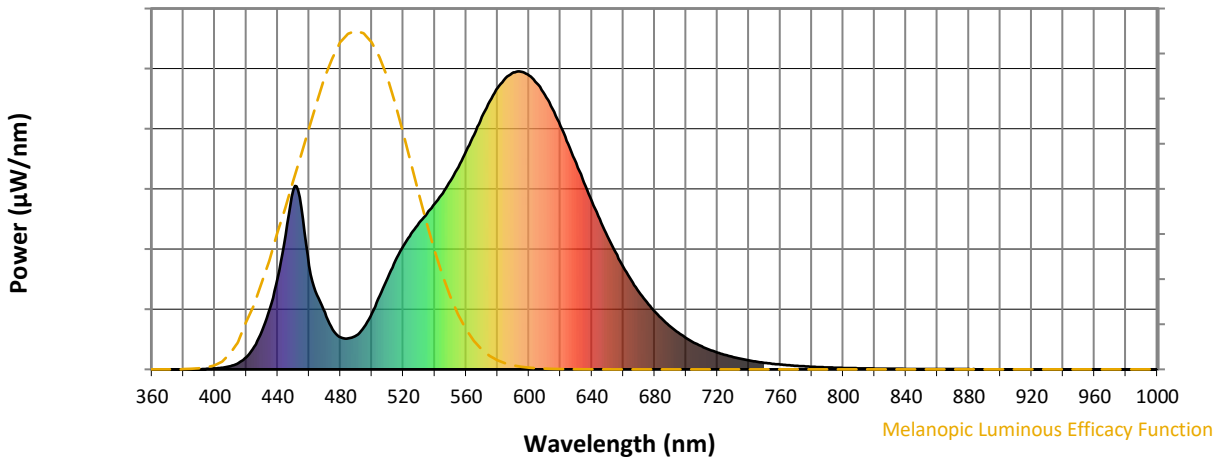
Melanopic Flux vs. Wavelength



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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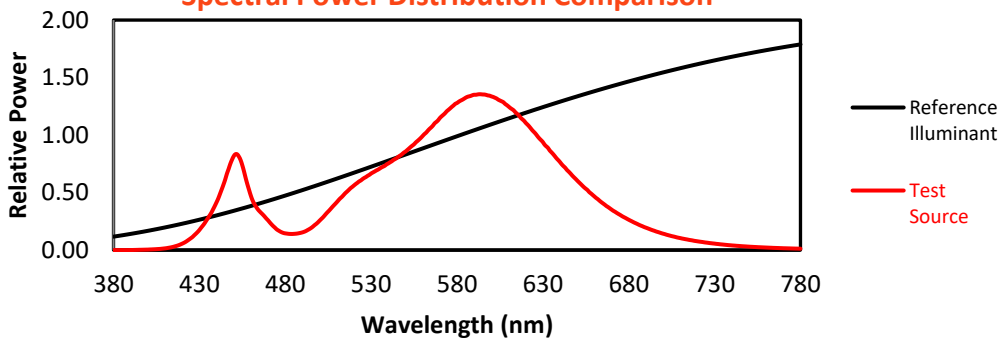
TM-30-18

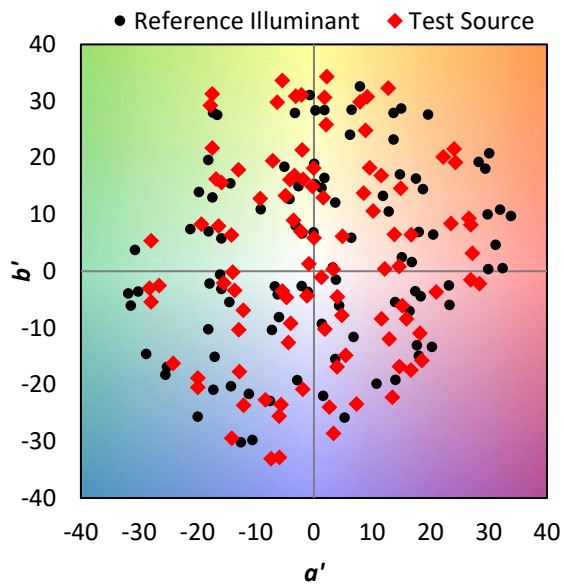
Summary

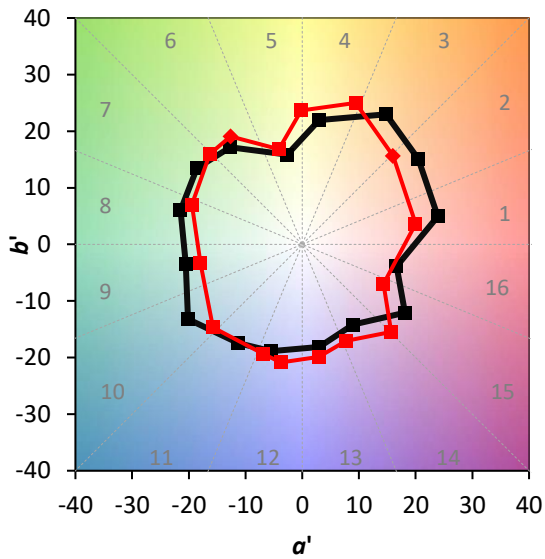
R_f = 74.7
R_g = 94.2
CIE R_a = 71.7
R_9 = -33.9

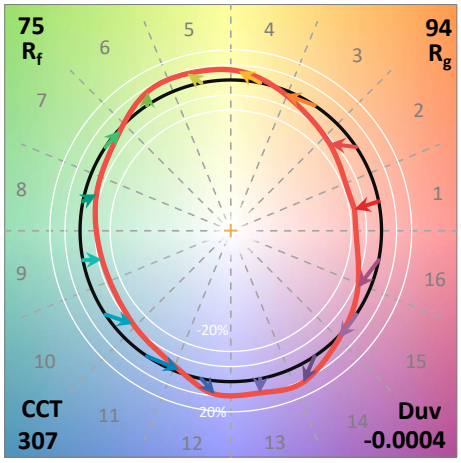
Spectral Power Distribution Comparison

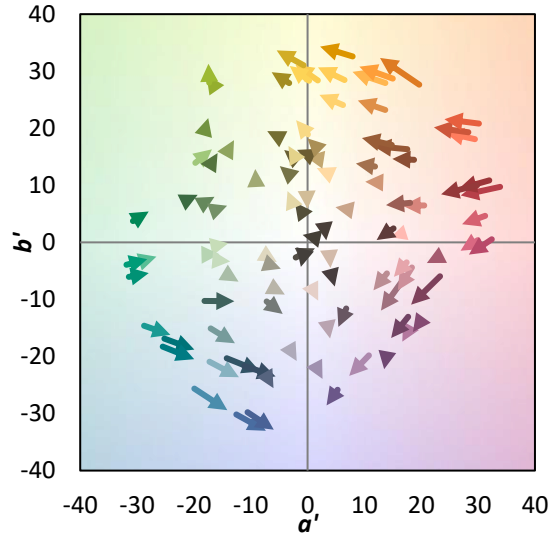


Color Vector Graphics



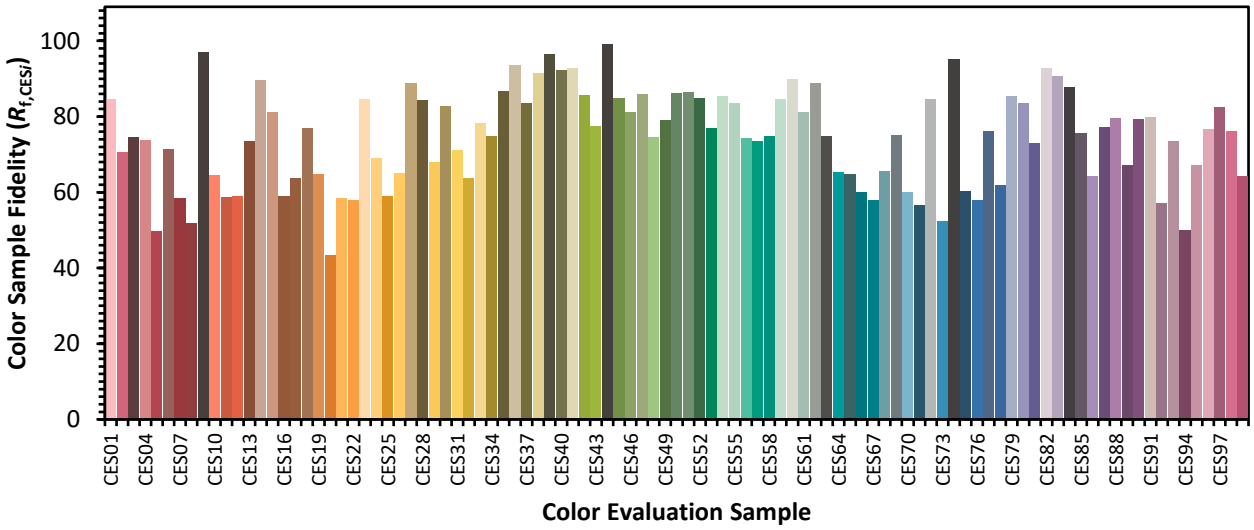




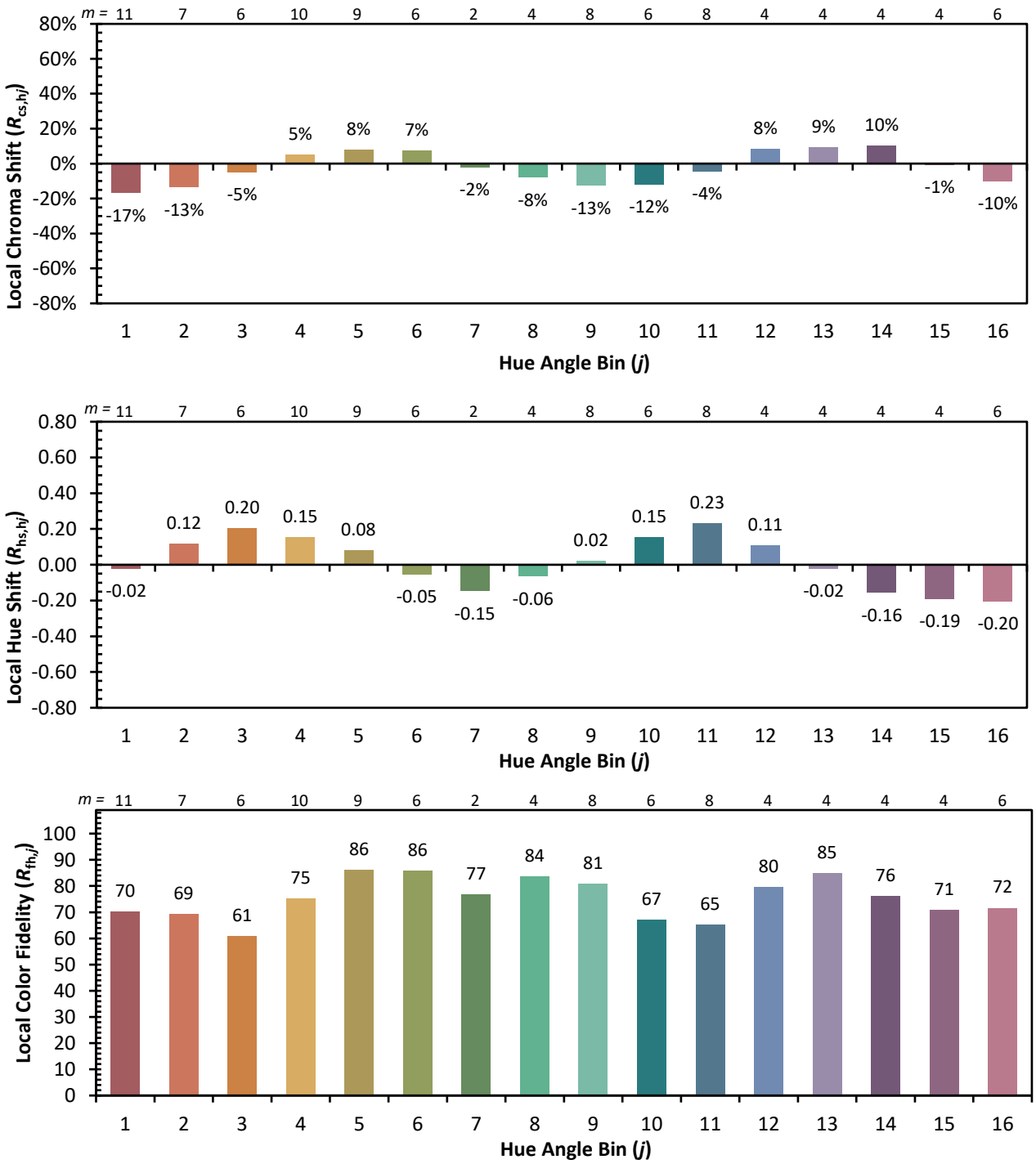


Individual Sample Fidelity Index ($R_{f,i}$)

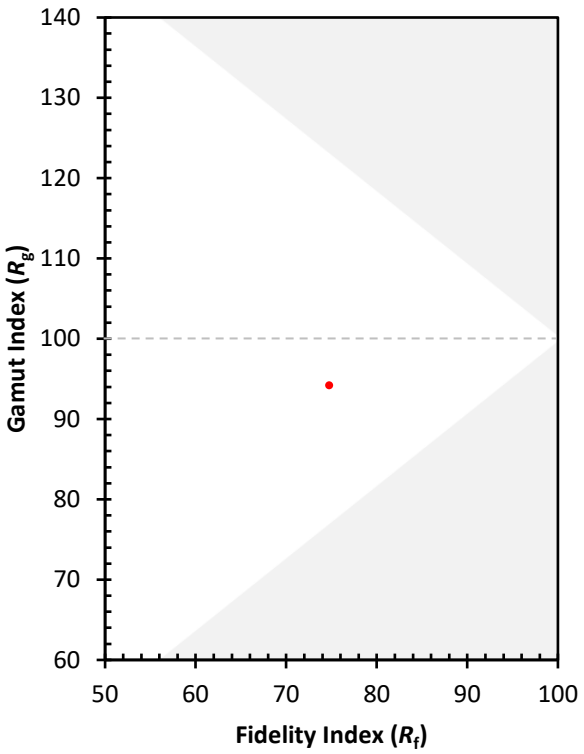
CES01 = 86	CES26 = 65	CES51 = 86	CES76 = 58
CES02 = 62	CES27 = 89	CES52 = 85	CES77 = 76
CES03 = 31	CES28 = 84	CES53 = 77	CES78 = 62
CES04 = 71	CES29 = 68	CES54 = 85	CES79 = 85
CES05 = 49	CES30 = 83	CES55 = 84	CES80 = 84
CES06 = 51	CES31 = 71	CES56 = 74	CES81 = 73
CES07 = 41	CES32 = 64	CES57 = 74	CES82 = 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	

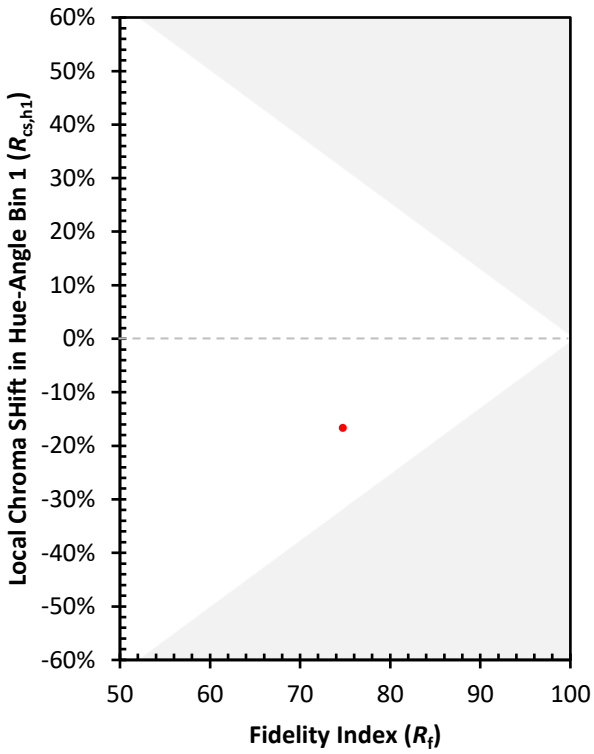


Color Rendition by Hue-Angle Bin



Measure Comparisons





(END OF REPORT)