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: P1461087

Luminaire Tested: PRV-PC1C-750-U-T4RE

Issue Date: 06/10/2026

Test Information

Test Method:	LM-79-2024
Report Number:	P1461087
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	6/10/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	LUMARK
Catalog Number:	PRV-PC1C-750-U-T4RE
Description:	PREVAIL DISCRETE LED 1 SQUARE AT 880MA 70CRI 5000K FIXTURE w/ TYPE IV ROADWAY ILLUMINANCE DISTRIBUTION OPTIC
Light Source:	(40) 5000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	17020.5 lumens
Efficiency:	N/A
Efficacy:	153.3 lumens/watt
Luminous Opening:	Rectangular (W 0.67' x L: 0.67' x H: 0')
IES Classification:	Type IV - Short
BUG Rating:	B3 - U0 - G3
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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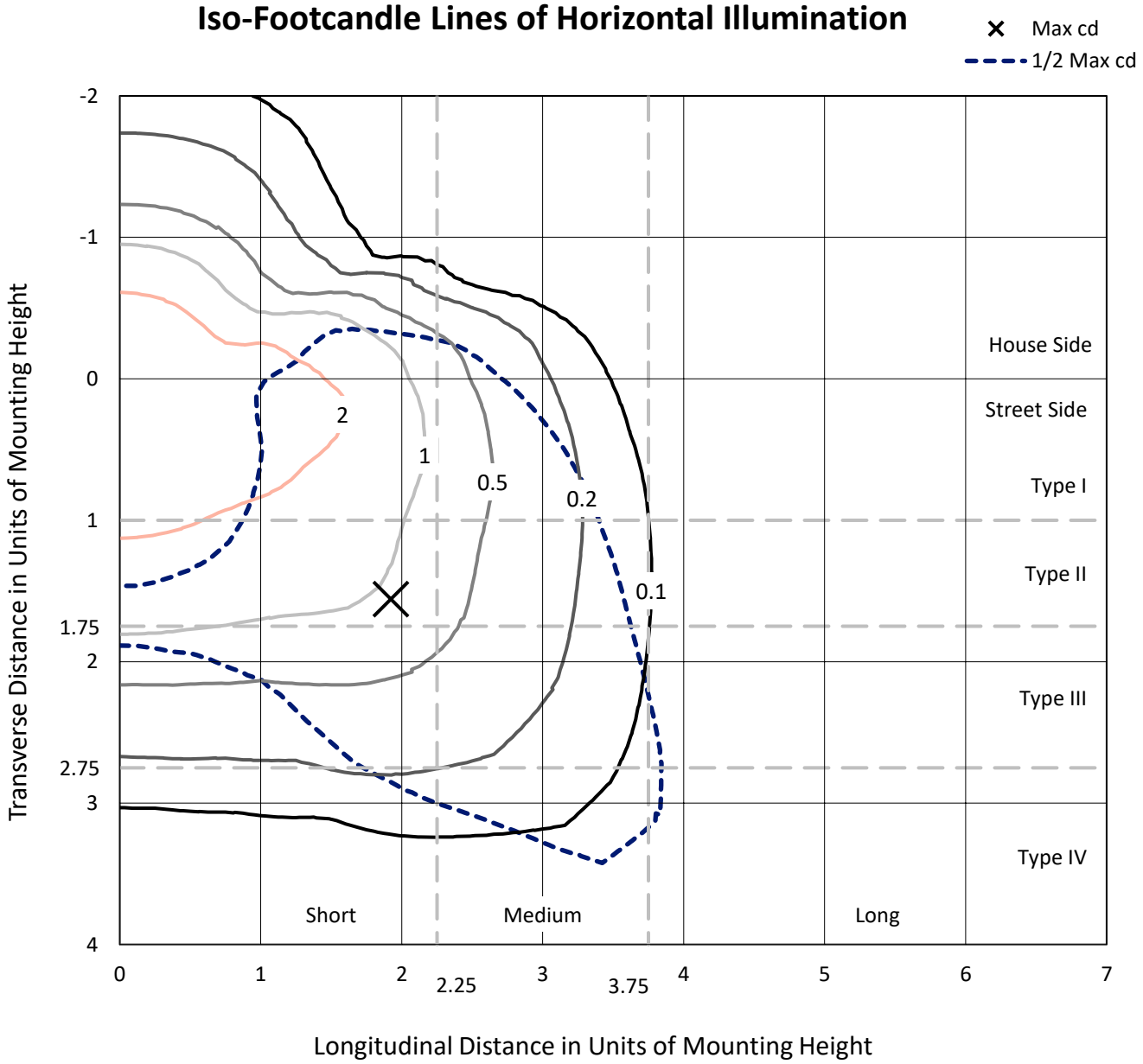
Scaled Data Report

REPORT NUMBER: P1461087
CATALOG NUMBER: PRV-PC1C-750-U-T4RE

Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 3.1 fc
Type IV - Short - N/A

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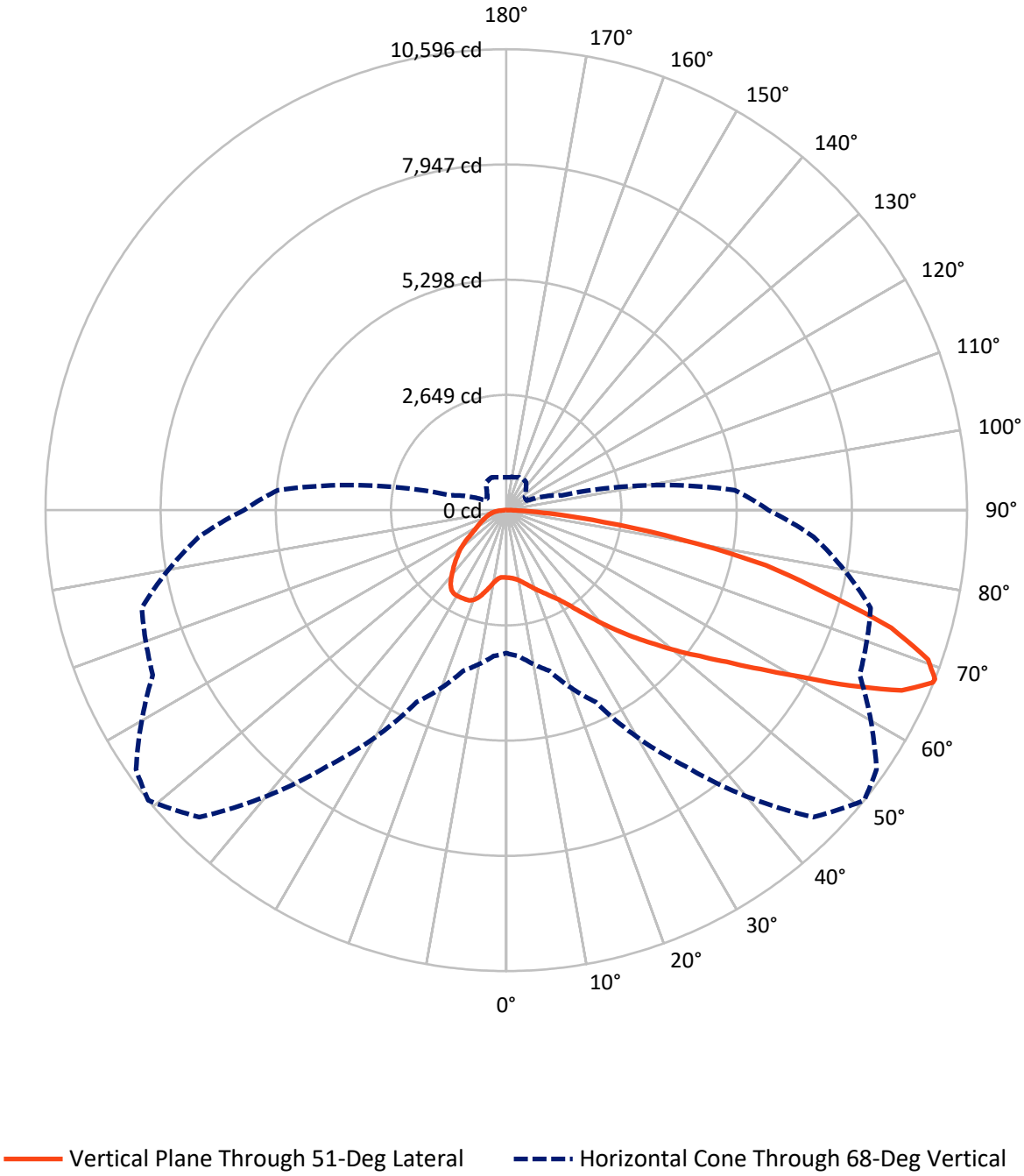
CATALOG NUMBER: PRV-PC1C-750-U-T4RE

Luminous Intensity Polar Plot



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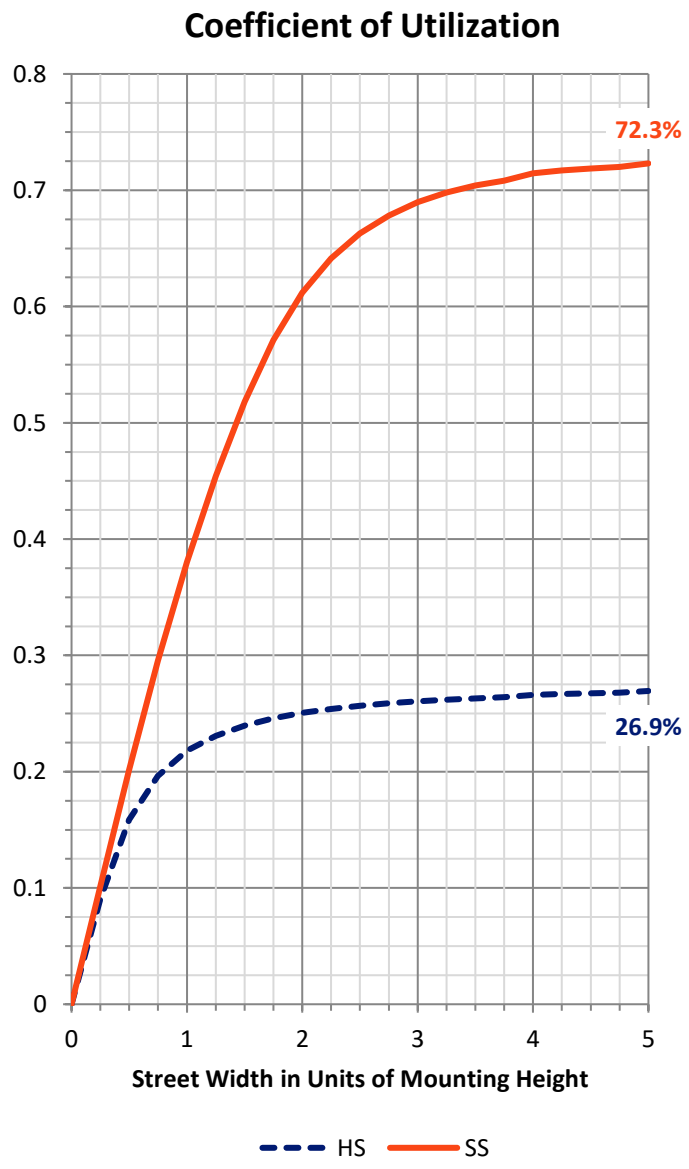
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4653.0	0.0	4653.0
	% Fixture	27.3	0.0	27.3
Street Side	Lumens	12367.5	0.0	12367.5
	% Fixture	72.7	0.0	72.7
Total	Lumens	17020.5	0.0	17020.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	153.3	0.9
10°-20°	534.8	3.1
20°-30°	1030.3	6.1
30°-40°	1648.8	9.7
40°-50°	2577.7	15.1
50°-60°	3712.5	21.8
60°-70°	4445.0	26.1
70°-80°	2536.5	14.9
80°-90°	381.7	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°	17020.5	100.0
0°-180°	17020.5	100.0



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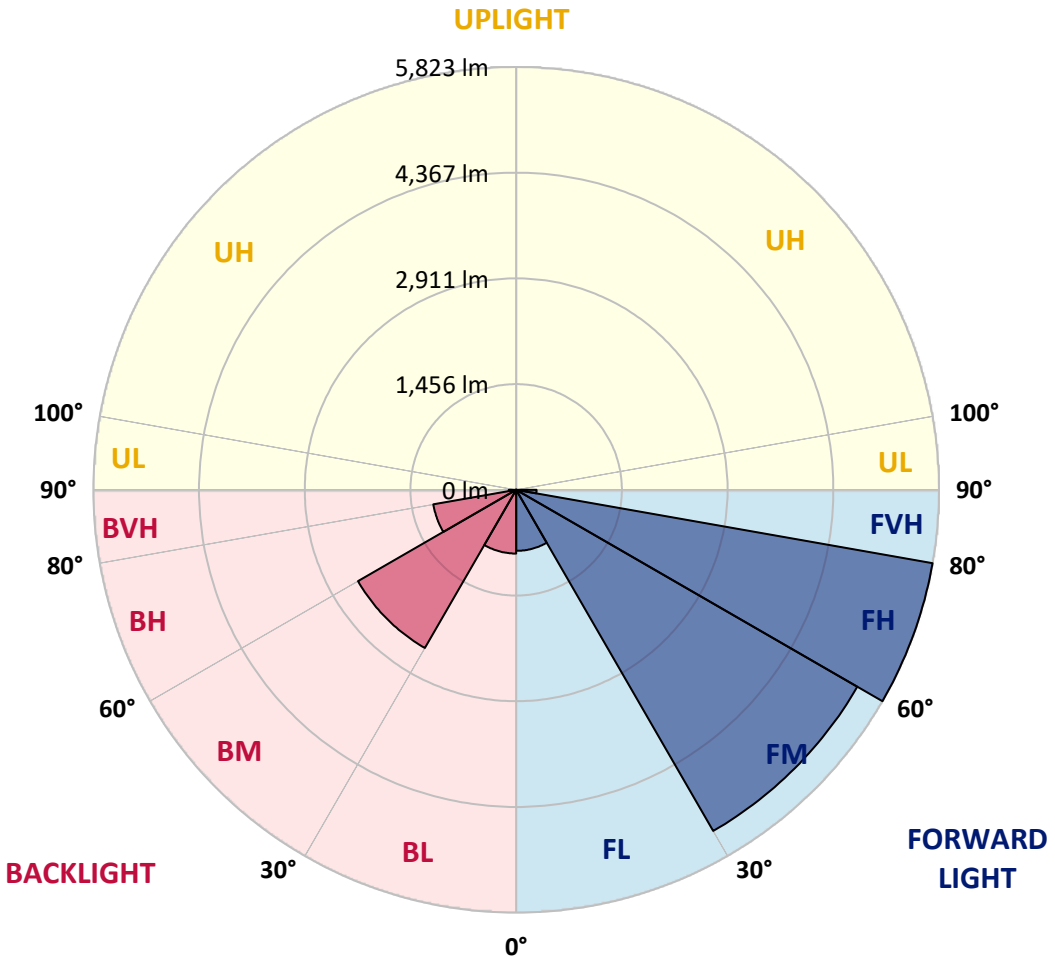
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	840.6	4.9			
FM	(30°-60°)	5424.0	31.9			
FH	(60°-80°)	5822.7	34.2			G3/7500
FVH	(80°-90°)	280.2	1.6			G3/500
BL	(0°-30°)	877.9	5.2	B2/1000		
BM	(30°-60°)	2514.9	14.8	B3/5000		
BH	(60°-80°)	1158.8	6.8	B3/2500		G3/2500
BVH	(80°-90°)	101.5	0.6			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3
Type IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	51°	55°	65°	75°	85°
0°	1550.0	1550.0	1550.0	1550.0	1550.0	1550.0	*1550.0*	1550.0	1550.0	1550.0	1550.0
2.5°	1566.7	1565.9	1562.7	1567.5	1562.7	1561.9	*1557.9*	1560.3	1554.0	1554.8	1554.8
5°	1594.4	1592.8	1592.0	1589.7	1584.1	1583.3	*1575.4*	1579.4	1573.8	1569.8	1565.1
7.5°	1642.0	1638.8	1633.3	1627.7	1618.2	1607.9	*1601.6*	1605.5	1598.4	1593.6	1587.3
10°	1715.7	1712.6	1703.0	1692.7	1676.9	1657.1	*1643.6*	1641.2	1633.3	1626.1	1619.0
12.5°	1799.0	1795.8	1789.5	1777.6	1750.6	1722.9	*1702.2*	1696.7	1677.7	1667.4	1665.0
15°	1875.1	1869.5	1869.5	1853.7	1831.5	1799.0	*1773.6*	1764.9	1732.4	1722.1	1721.3
17.5°	1934.6	1929.0	1928.2	1923.5	1902.0	1872.7	*1850.5*	1841.8	1810.9	1792.6	1795.8
20°	2005.9	2000.4	1998.8	1995.6	1982.9	1956.0	*1940.9*	1933.8	1895.7	1871.1	1883.8
22.5°	2109.0	2105.0	2097.9	2083.6	2066.2	2049.5	*2030.5*	2028.1	1997.2	1976.6	2001.9
25°	2230.3	2220.8	2217.6	2194.6	2172.4	2148.6	*2132.8*	2135.9	2107.4	2090.0	2123.3
27.5°	2381.7	2370.6	2360.3	2337.3	2295.3	2272.3	*2254.1*	2257.2	2229.5	2228.7	2292.1
30°	2552.2	2549.0	2530.0	2496.7	2444.4	2415.8	*2388.1*	2394.4	2380.1	2389.6	2495.9
32.5°	2744.8	2745.6	2721.1	2683.0	2629.1	2592.6	*2572.0*	2575.2	2584.7	2629.1	2756.7
35°	2990.6	2976.4	2977.1	2933.5	2854.3	2822.5	*2814.6*	2819.4	2852.7	3001.7	3158.7
37.5°	3261.8	3249.9	3249.9	3217.4	3141.3	3087.4	*3103.2*	3116.7	3231.7	3509.9	3676.4
40°	3553.6	3536.9	3563.9	3552.8	3464.0	3445.7	*3437.0*	3484.6	3693.9	4077.6	4303.6
42.5°	3770.8	3773.2	3789.0	3805.7	3760.5	3783.5	*3804.9*	3859.6	4165.6	4700.8	4928.4
45°	3975.3	3976.9	3990.4	4015.8	4033.2	4096.7	*4192.6*	4271.1	4688.9	5245.5	5488.1
47.5°	4194.2	4186.2	4208.4	4271.1	4295.7	4460.6	*4602.5*	4739.7	5152.7	5786.2	6013.0
50°	4428.9	4429.6	4453.4	4535.9	4612.8	4865.7	*5079.0*	5230.4	5658.6	6326.9	6493.4
52.5°	4780.9	4750.8	4773.7	4834.0	4960.1	5301.0	*5571.4*	5747.4	6165.2	6839.1	7017.5
55°	5174.1	5179.7	5213.8	5255.0	5427.8	5856.0	*6156.5*	6357.1	6716.2	7457.5	7628.0
57.5°	5551.5	5522.2	5616.5	5749.7	5949.5	6547.3	*6898.6*	7055.6	7316.4	8198.1	8302.7
60°	5648.3	5655.4	5818.7	6161.2	6598.1	7433.8	*7769.1*	7847.6	8083.9	9134.4	8872.8
62.5°	5213.8	5235.2	5608.6	6292.1	7192.7	8458.9	*8882.3*	8887.0	8920.3	9579.2	8902.9
65°	4256.0	4300.4	4803.9	5821.9	7459.1	9465.0	*9992.3*	9953.4	9277.9	9412.7	8352.7
67.5°	3445.7	3502.8	3965.8	5063.9	7255.4	9973.3	*10583.7*	10386.3	9070.2	8861.7	7339.4
68°	*3287.2*	*3366.4*	*3821.5*	*4865.7*	*7191.1*	*9981.2*	*10596.4*	*10394.3*	*8968.7*	*8676.9*	*7098.4*
70°	2735.3	2819.4	3254.6	4327.4	6927.1	9711.6	*10289.6*	10123.1	8421.6	7798.5	6143.0
72.5°	1715.7	1766.5	2285.8	3446.5	6312.7	8723.7	*9258.9*	9217.7	7539.2	6376.1	4656.4
75°	736.6	761.1	1134.6	2079.6	4864.9	7367.2	*7522.6*	7550.3	5978.1	4512.9	2949.4
77.5°	482.8	483.6	524.9	919.7	2944.6	5910.7	*6111.3*	5649.8	4008.6	2403.9	1380.4
80°	405.9	404.4	402.0	440.8	1303.4	3973.0	*4072.9*	3614.6	2039.2	975.2	474.9
82.5°	343.3	335.4	318.7	330.6	508.2	2029.7	*2255.7*	1982.9	936.4	352.0	213.3
85°	241.0	232.3	210.1	227.5	256.9	883.2	*1005.3*	873.7	332.2	205.3	126.1
87.5°	103.9	87.2	90.4	107.0	115.0	263.2	*275.9*	194.2	113.4	84.8	50.7
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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CATALOG NUMBER: PRV-PC1C-750-U-T4RE

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1550.0	1550.0	1550.0	1550.0	1550.0	1550.0	1550.0	1550.0	1550.0	1550.0	1550.0
2.5°	1551.6	1551.6	1549.2	1548.4	1545.3	1545.3	1541.3	1541.3	1542.1	1538.9	1539.7
5°	1563.5	1561.1	1558.7	1554.8	1552.4	1552.4	1554.8	1557.9	1560.3	1561.1	1560.3
7.5°	1583.3	1583.3	1581.7	1580.9	1587.3	1600.0	1615.8	1624.5	1642.8	1648.3	1654.7
10°	1619.0	1618.2	1622.2	1638.0	1665.0	1698.3	1727.6	1753.0	1779.9	1783.9	1790.3
12.5°	1660.2	1669.7	1691.1	1731.6	1785.5	1829.9	1873.5	1913.9	1937.7	1953.6	1949.6
15°	1725.2	1741.1	1789.5	1860.8	1914.7	1975.8	2023.4	2058.2	2082.8	2091.5	2099.5
17.5°	1810.9	1838.6	1913.9	1996.4	2059.0	2105.0	2139.1	2148.6	2159.7	2164.5	2167.7
20°	1913.9	1967.9	2062.2	2135.9	2178.0	2190.6	2197.0	2193.8	2199.4	2206.5	2210.5
22.5°	2042.4	2113.7	2219.2	2255.7	2246.9	2227.9	2224.7	2229.5	2243.0	2246.9	2253.3
25°	2195.4	2264.4	2361.1	2333.4	2265.2	2240.6	2262.0	2264.4	2266.0	2264.4	2269.9
27.5°	2373.8	2442.8	2472.9	2346.8	2257.2	2268.3	2286.6	2261.2	2229.5	2208.1	2214.4
30°	2569.6	2619.6	2543.5	2324.6	2260.4	2283.4	2254.9	2172.4	2120.9	2092.3	2096.3
32.5°	2821.8	2819.4	2574.4	2313.5	2281.0	2246.1	2139.1	2045.6	1985.3	1951.2	1952.8
35°	3142.1	3049.3	2599.0	2345.2	2276.3	2146.2	2021.0	1920.3	1872.7	1845.0	1848.1
37.5°	3568.6	3310.9	2653.7	2391.2	2197.0	2020.2	1898.1	1837.8	1813.2	1793.4	1798.2
40°	4126.0	3671.7	2817.0	2401.5	2049.5	1875.1	1825.9	1795.8	1772.0	1749.8	1757.7
42.5°	4599.3	4040.4	3135.7	2328.6	1865.6	1760.9	1778.4	1755.4	1718.9	1679.3	1683.2
45°	5071.1	4368.6	3512.3	2170.0	1676.9	1676.1	1716.5	1682.4	1631.7	1570.6	1572.2
47.5°	5468.3	4690.5	3892.1	1976.6	1504.8	1568.3	1619.0	1573.8	1489.8	1413.7	1406.5
50°	5832.2	5056.0	4209.2	1758.5	1358.2	1435.1	1462.0	1385.9	1319.3	1275.7	1271.7
52.5°	6222.3	5490.5	4462.9	1565.9	1199.6	1250.3	1273.3	1249.5	1221.0	1194.8	1189.3
55°	6724.2	6057.4	4727.8	1430.3	1030.7	1078.3	1125.1	1165.5	1148.0	1134.6	1126.6
57.5°	7316.4	6778.9	4810.2	1255.9	880.9	928.4	1045.8	1107.6	1094.1	1084.6	1081.4
60°	7762.0	7295.8	4346.4	976.0	758.8	832.5	995.8	1065.6	1037.8	1013.3	1006.1
62.5°	7745.3	7161.8	3379.9	740.5	677.1	768.3	945.1	1000.6	958.6	936.4	926.8
65°	7165.0	6533.9	2380.1	613.7	604.2	706.4	876.9	919.7	880.9	854.7	849.9
67.5°	6257.2	5566.6	1477.9	532.8	540.7	642.2	804.7	845.2	799.2	775.4	777.0
68°	*6029.6*	*5271.7*	*1313.0*	*516.1*	*526.5*	*632.7*	*789.7*	*824.6*	*782.5*	*760.3*	*758.8*
70°	5152.7	4354.3	867.4	470.2	482.8	587.5	733.4	758.8	723.9	705.6	701.7
72.5°	3806.5	2952.6	500.3	415.5	432.9	531.2	657.3	683.4	677.1	681.9	689.8
75°	2354.0	1704.6	369.5	367.1	385.3	485.2	595.4	643.8	658.1	680.3	685.8
77.5°	1123.5	822.2	305.2	317.1	340.1	427.3	541.5	617.6	619.2	622.4	626.4
80°	370.3	314.0	257.7	260.8	294.1	375.8	490.0	545.5	508.2	498.7	486.8
82.5°	195.8	202.2	207.7	210.1	245.0	310.0	384.5	403.6	371.1	260.8	257.7
85°	114.2	120.5	133.2	144.3	168.1	214.1	277.5	278.3	236.3	116.5	102.3
87.5°	38.1	46.0	45.2	53.9	63.4	85.6	117.3	121.3	97.5	40.4	23.0
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: SP2-2501-321-5

Test Date: 04/10/2025

Luminaire Tested: GKO-PB1E-750-U-T4W

Data in this report applies to families of products including GKO-PB1E-750-U-T4W

Report Generated By FNC07603 / LDUCLS01DT447
Version: v7.04

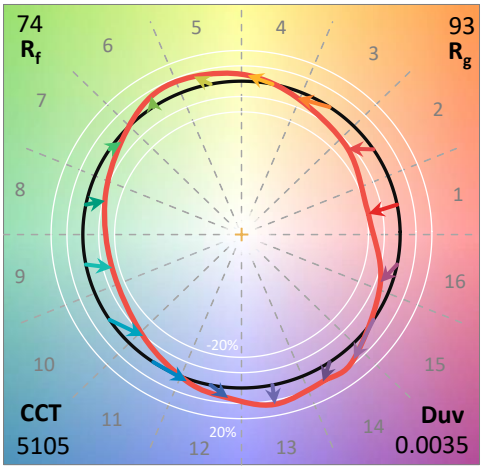
Test Information

Test Method:	LM-79-2019
Report Number:	SP2-2501-321-5
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-750-U-T4W**
Description:	Gekko Wedge Wall Pack Fixture 1 SQ w/ T4W distribution

Spectral Parameters

CCT (K):	5105	CRI (Ra):		72.2			
CIE u':	0.2079	R1:		68.8	R9:		-38.2
CIE v':	0.4868	R2:		78.3	R10:		48.2
Duv:	0.0035	R3:		84.9	R11:		68.1
CIE x:	0.3428	R4:		71.7	R12:		42.9
CIE y:	0.3567	R5:		69.8	R13:		70.6
CIE z:	0.3005	R6:		69.8	R14:		91.6
Peak Wavelength (nm):	451	R7:		81.2	R15:		61.7
Dominant Wavelength (nm):	567	R8:		53.5			
Purity:	9.884628						

Rf:	74.2
Rg:	92.7



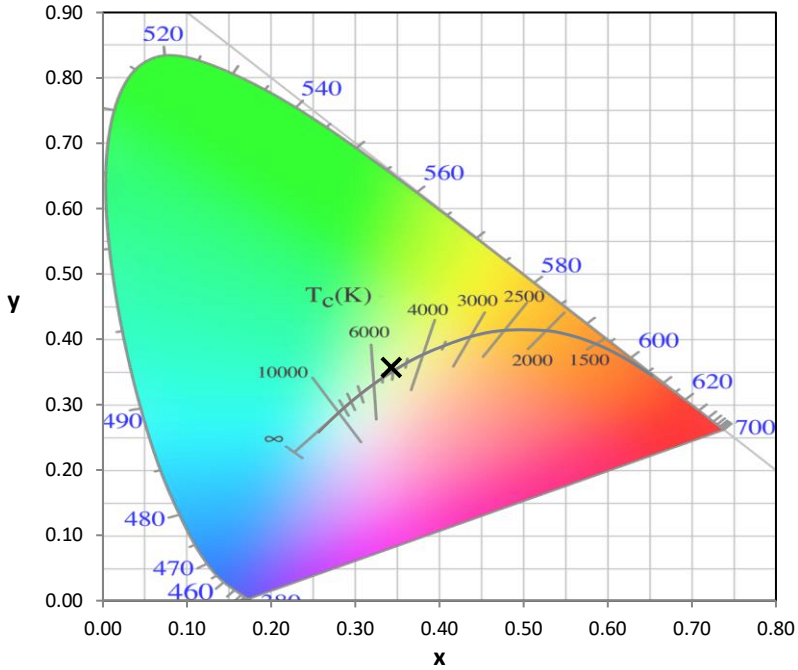
Test Conditions

Stabilization Time:	30M
Operation Time:	1H 30M
Sphere Temperature (°C):	25.0

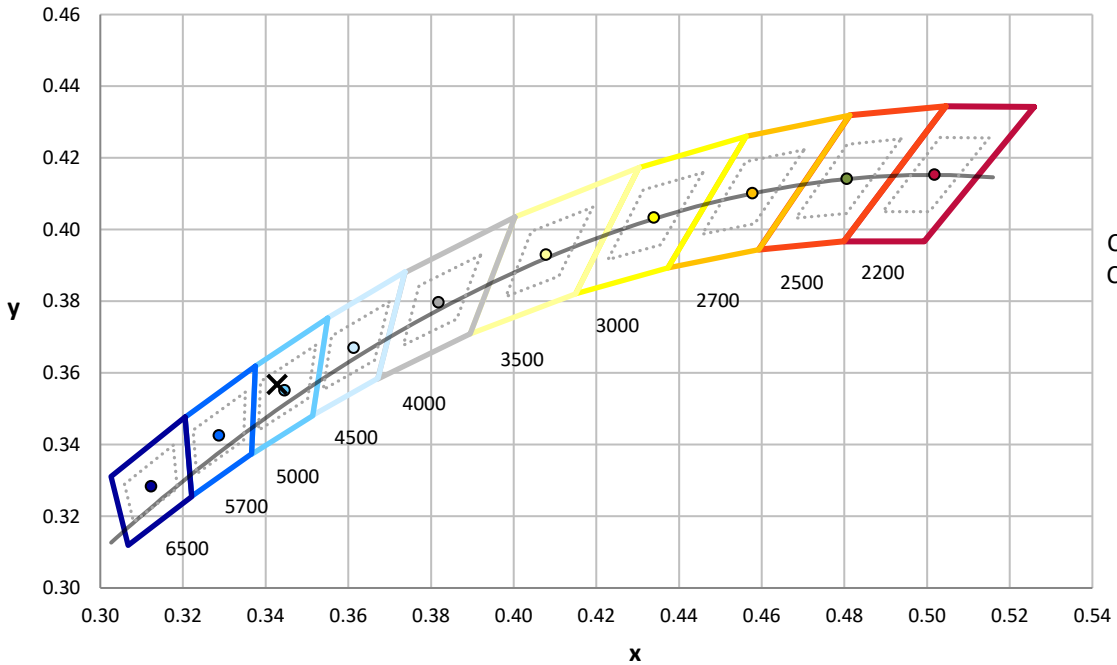
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN2187	1/6/2025	7/6/2025
Power Meter	INXT2011002	1/21/2025	1/21/2026
AC Power Source	IN0458	10/22/2024	10/22/2025
DC Power Source	IN0212	10/22/2024	10/22/2025
Sphere Thermometer	IN4036B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

REPORT NUMBER: SP2-2501-321-5

CIE 1931 Chromaticity Diagram



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

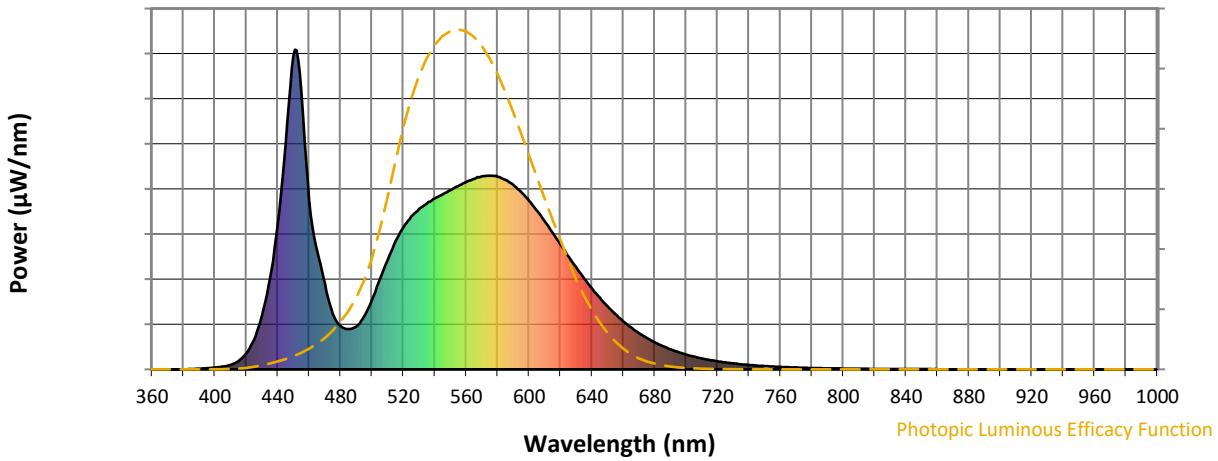


CCT = 5105K
CIE x = 0.3428
CIE y = 0.3567
Duv = 0.0035

Point lies inside the ANSI 5000K 4-step quadrangle

REPORT NUMBER: SP2-2501-321-5

Photopic Flux vs. Wavelength

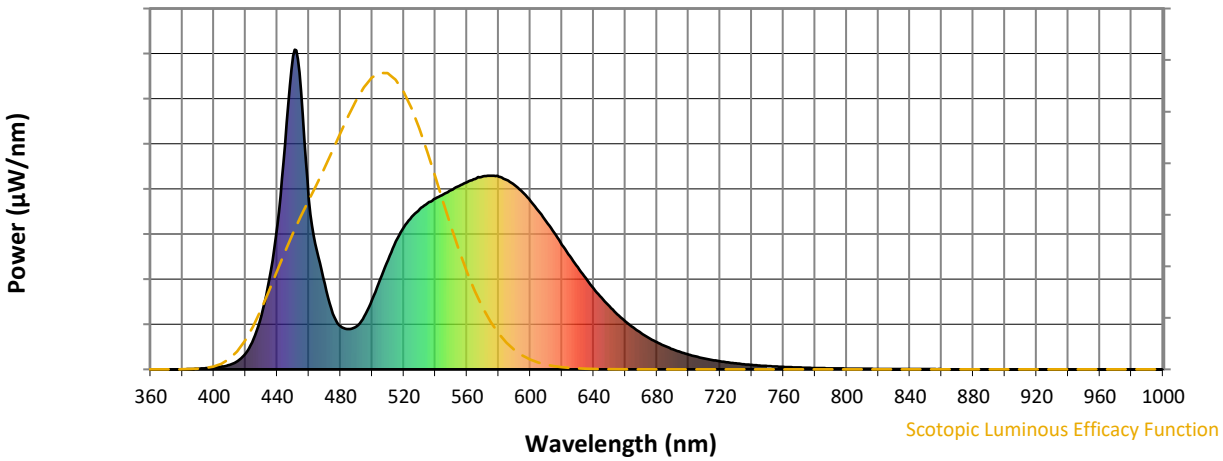


Photopic Lumens: NR

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	134	NR	620	390	NR	750	10	NR	880	0	NR
365	0	NR	495	165	NR	625	354	NR	755	9	NR	885	0	NR
370	0	NR	500	218	NR	630	319	NR	760	8	NR	890	0	NR
375	0	NR	505	281	NR	635	285	NR	765	7	NR	895	0	NR
380	0	NR	510	343	NR	640	254	NR	770	6	NR	900	0	NR
385	1	NR	515	400	NR	645	224	NR	775	5	NR	905	0	NR
390	2	NR	520	444	NR	650	197	NR	780	4	NR	910	0	NR
395	4	NR	525	477	NR	655	173	NR	785	4	NR	915	0	NR
400	6	NR	530	501	NR	660	150	NR	790	3	NR	920	0	NR
405	9	NR	535	520	NR	665	131	NR	795	3	NR	925	0	NR
410	14	NR	540	534	NR	670	113	NR	800	2	NR	930	0	NR
415	26	NR	545	547	NR	675	98	NR	805	2	NR	935	0	NR
420	50	NR	550	561	NR	680	85	NR	810	2	NR	940	0	NR
425	95	NR	555	574	NR	685	73	NR	815	2	NR	945	0	NR
430	168	NR	560	586	NR	690	63	NR	820	1	NR	950	0	NR
435	284	NR	565	596	NR	695	54	NR	825	1	NR	955	0	NR
440	452	NR	570	604	NR	700	46	NR	830	1	NR	960	0	NR
445	705	NR	575	606	NR	705	40	NR	835	1	NR	965	0	NR
450	980	NR	580	603	NR	710	34	NR	840	1	NR	970	0	NR
455	869	NR	585	592	NR	715	29	NR	845	1	NR	975	0	NR
460	531	NR	590	577	NR	720	25	NR	850	1	NR	980	0	NR
465	372	NR	595	554	NR	725	22	NR	855	1	NR	985	0	NR
470	268	NR	600	527	NR	730	19	NR	860	1	NR	990	0	NR
475	174	NR	605	497	NR	735	16	NR	865	0	NR	995	0	NR
480	135	NR	610	462	NR	740	14	NR	870	0	NR	1000	0	NR
485	126	NR	615	428	NR	745	12	NR	875	0	NR			

REPORT NUMBER: SP2-2501-321-5

Scotopic Flux vs. Wavelength

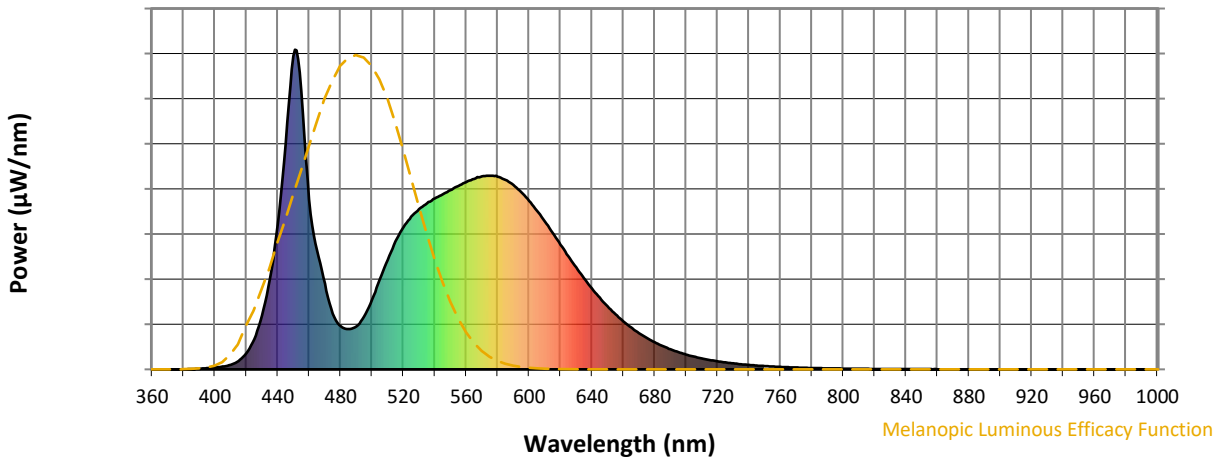


Scotopic Lumens: NR **S/P: 1.82**

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	134	NR	620	390	NR	750	10	NR	880	0	NR
365	0	NR	495	165	NR	625	354	NR	755	9	NR	885	0	NR
370	0	NR	500	218	NR	630	319	NR	760	8	NR	890	0	NR
375	0	NR	505	281	NR	635	285	NR	765	7	NR	895	0	NR
380	0	NR	510	343	NR	640	254	NR	770	6	NR	900	0	NR
385	1	NR	515	400	NR	645	224	NR	775	5	NR	905	0	NR
390	2	NR	520	444	NR	650	197	NR	780	4	NR	910	0	NR
395	4	NR	525	477	NR	655	173	NR	785	4	NR	915	0	NR
400	6	NR	530	501	NR	660	150	NR	790	3	NR	920	0	NR
405	9	NR	535	520	NR	665	131	NR	795	3	NR	925	0	NR
410	14	NR	540	534	NR	670	113	NR	800	2	NR	930	0	NR
415	26	NR	545	547	NR	675	98	NR	805	2	NR	935	0	NR
420	50	NR	550	561	NR	680	85	NR	810	2	NR	940	0	NR
425	95	NR	555	574	NR	685	73	NR	815	2	NR	945	0	NR
430	168	NR	560	586	NR	690	63	NR	820	1	NR	950	0	NR
435	284	NR	565	596	NR	695	54	NR	825	1	NR	955	0	NR
440	452	NR	570	604	NR	700	46	NR	830	1	NR	960	0	NR
445	705	NR	575	606	NR	705	40	NR	835	1	NR	965	0	NR
450	980	NR	580	603	NR	710	34	NR	840	1	NR	970	0	NR
455	869	NR	585	592	NR	715	29	NR	845	1	NR	975	0	NR
460	531	NR	590	577	NR	720	25	NR	850	1	NR	980	0	NR
465	372	NR	595	554	NR	725	22	NR	855	1	NR	985	0	NR
470	268	NR	600	527	NR	730	19	NR	860	1	NR	990	0	NR
475	174	NR	605	497	NR	735	16	NR	865	0	NR	995	0	NR
480	135	NR	610	462	NR	740	14	NR	870	0	NR	1000	0	NR
485	126	NR	615	428	NR	745	12	NR	875	0	NR			

REPORT NUMBER: SP2-2501-321-5

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 3.75**

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	134	NR	620	390	NR	750	10	NR	880	0	NR
365	0	NR	495	165	NR	625	354	NR	755	9	NR	885	0	NR
370	0	NR	500	218	NR	630	319	NR	760	8	NR	890	0	NR
375	0	NR	505	281	NR	635	285	NR	765	7	NR	895	0	NR
380	0	NR	510	343	NR	640	254	NR	770	6	NR	900	0	NR
385	1	NR	515	400	NR	645	224	NR	775	5	NR	905	0	NR
390	2	NR	520	444	NR	650	197	NR	780	4	NR	910	0	NR
395	4	NR	525	477	NR	655	173	NR	785	4	NR	915	0	NR
400	6	NR	530	501	NR	660	150	NR	790	3	NR	920	0	NR
405	9	NR	535	520	NR	665	131	NR	795	3	NR	925	0	NR
410	14	NR	540	534	NR	670	113	NR	800	2	NR	930	0	NR
415	26	NR	545	547	NR	675	98	NR	805	2	NR	935	0	NR
420	50	NR	550	561	NR	680	85	NR	810	2	NR	940	0	NR
425	95	NR	555	574	NR	685	73	NR	815	2	NR	945	0	NR
430	168	NR	560	586	NR	690	63	NR	820	1	NR	950	0	NR
435	284	NR	565	596	NR	695	54	NR	825	1	NR	955	0	NR
440	452	NR	570	604	NR	700	46	NR	830	1	NR	960	0	NR
445	705	NR	575	606	NR	705	40	NR	835	1	NR	965	0	NR
450	980	NR	580	603	NR	710	34	NR	840	1	NR	970	0	NR
455	869	NR	585	592	NR	715	29	NR	845	1	NR	975	0	NR
460	531	NR	590	577	NR	720	25	NR	850	1	NR	980	0	NR
465	372	NR	595	554	NR	725	22	NR	855	1	NR	985	0	NR
470	268	NR	600	527	NR	730	19	NR	860	1	NR	990	0	NR
475	174	NR	605	497	NR	735	16	NR	865	0	NR	995	0	NR
480	135	NR	610	462	NR	740	14	NR	870	0	NR	1000	0	NR
485	126	NR	615	428	NR	745	12	NR	875	0	NR			

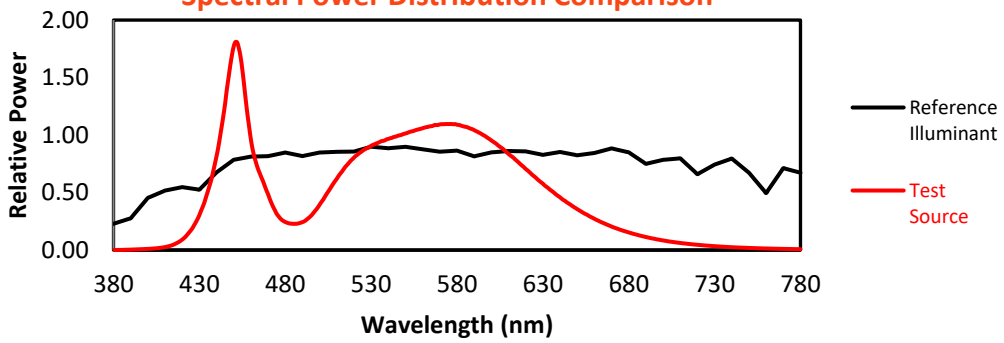
REPORT NUMBER: SP2-2501-321-5

TM-30-18

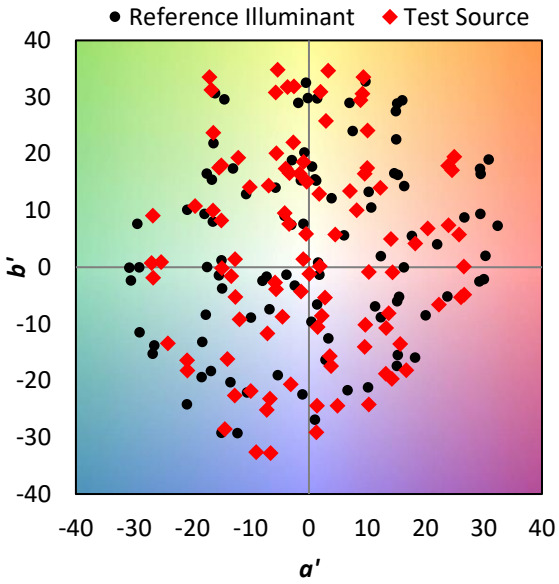
Summary

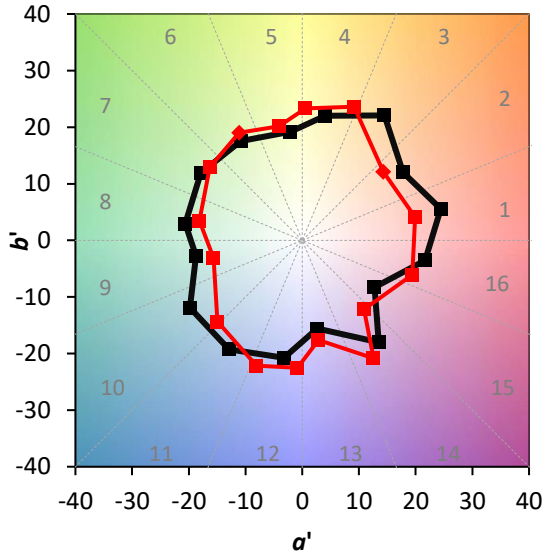
R_f = 74.2
R_g = 92.7
CIE R_a = 72.2
R_9 = -38.2

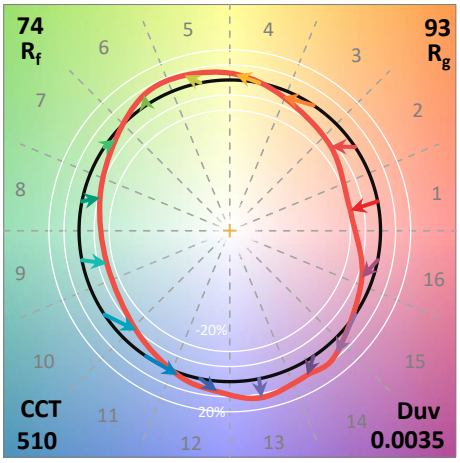
Spectral Power Distribution Comparison

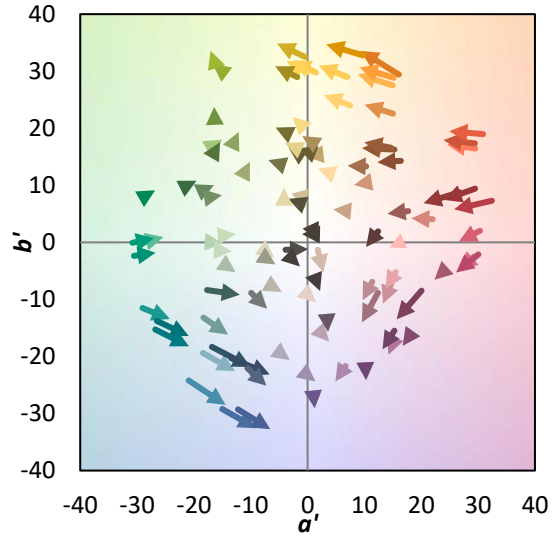


Color Vector Graphics



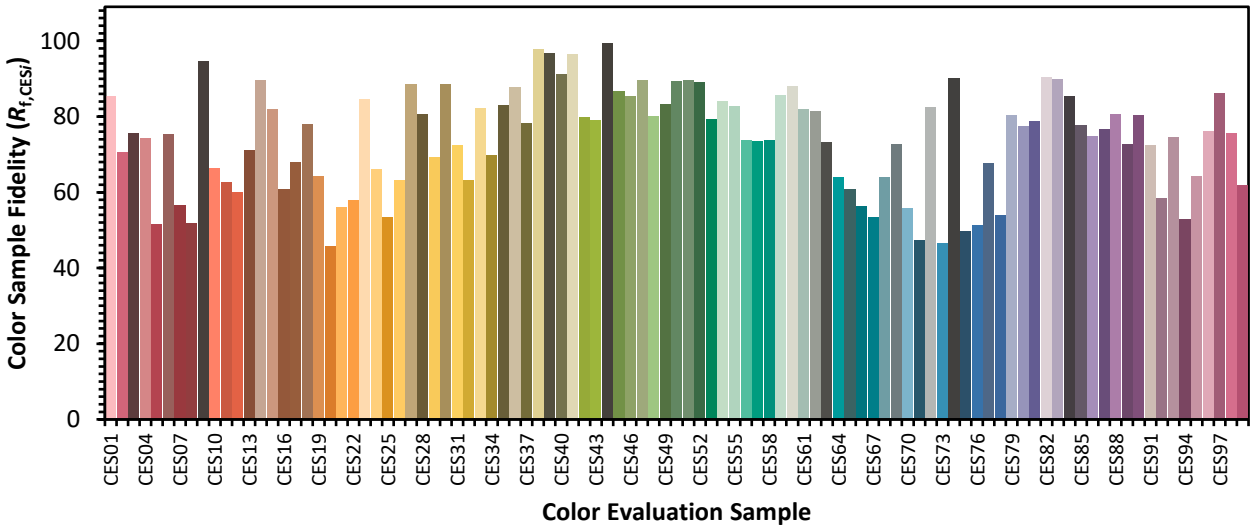




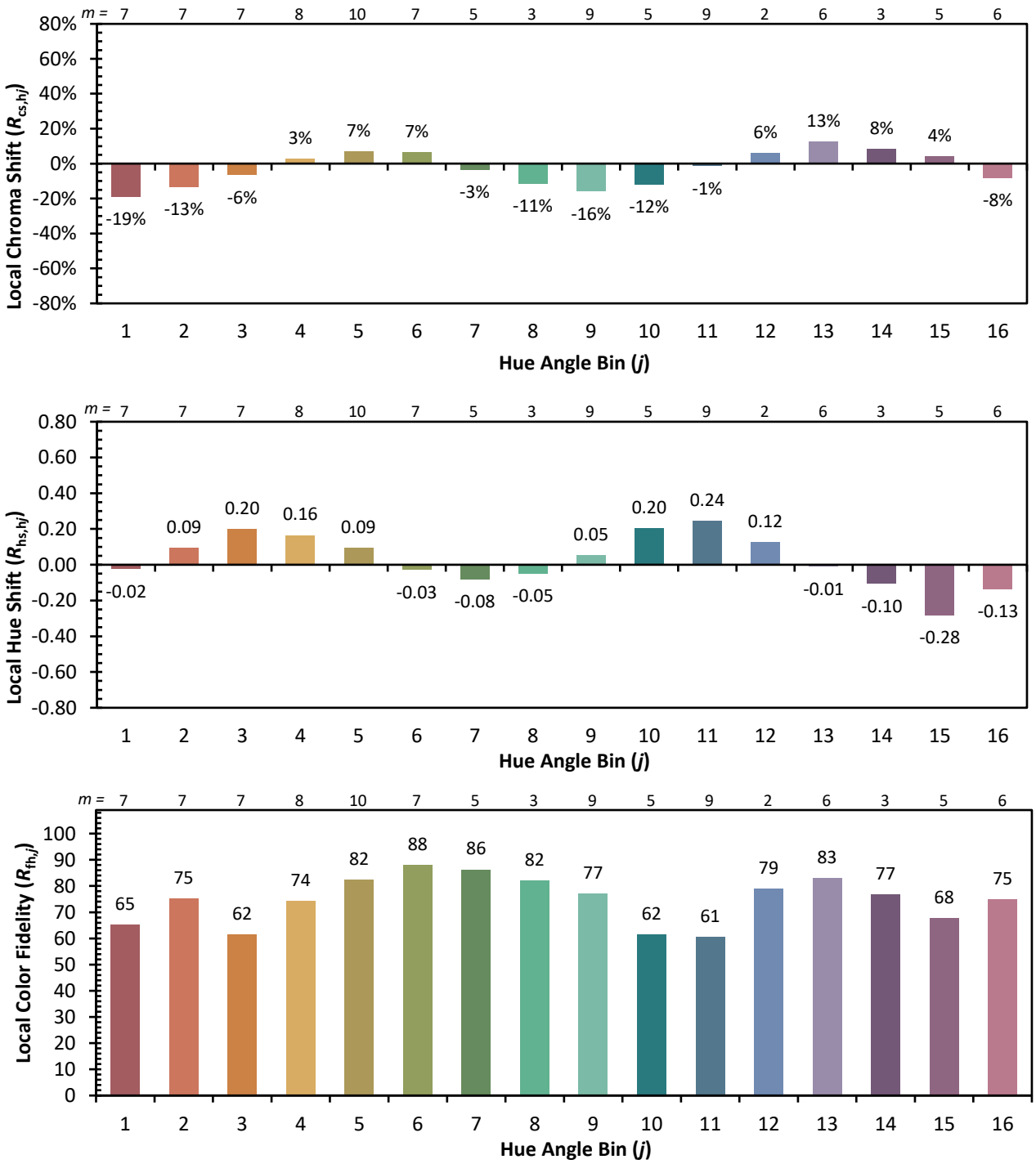


Individual Sample Fidelity Index ($R_{f,i}$)

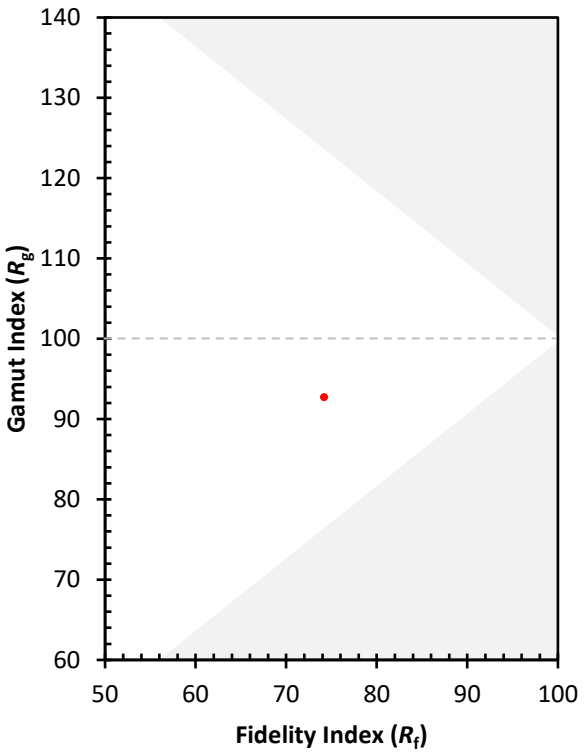
CES01 = 85	CES26 = 63	CES51 = 89	CES76 = 51
CES02 = 59	CES27 = 89	CES52 = 89	CES77 = 68
CES03 = 30	CES28 = 81	CES53 = 79	CES78 = 54
CES04 = 69	CES29 = 69	CES54 = 84	CES79 = 80
CES05 = 46	CES30 = 88	CES55 = 83	CES80 = 77
CES06 = 50	CES31 = 72	CES56 = 74	CES81 = 79
CES07 = 38	CES32 = 63	CES57 = 73	CES82 = 91
CES08 = 38	CES33 = 82	CES58 = 74	CES83 = 90
CES09 = 29	CES34 = 70	CES59 = 86	CES84 = 85
CES10 = 72	CES35 = 83	CES60 = 88	CES85 = 78
CES11 = 56	CES36 = 88	CES61 = 82	CES86 = 75
CES12 = 61	CES37 = 78	CES62 = 81	CES87 = 77
CES13 = 41	CES38 = 98	CES63 = 73	CES88 = 81
CES14 = 74	CES39 = 97	CES64 = 64	CES89 = 73
CES15 = 70	CES40 = 91	CES65 = 61	CES90 = 80
CES16 = 46	CES41 = 96	CES66 = 56	CES91 = 72
CES17 = 49	CES42 = 80	CES67 = 54	CES92 = 58
CES18 = 55	CES43 = 79	CES68 = 64	CES93 = 75
CES19 = 71	CES44 = 99	CES69 = 73	CES94 = 53
CES20 = 63	CES45 = 87	CES70 = 56	CES95 = 64
CES21 = 85	CES46 = 85	CES71 = 47	CES96 = 76
CES22 = 77	CES47 = 90	CES72 = 82	CES97 = 86
CES23 = 91	CES48 = 80	CES73 = 47	CES98 = 76
CES24 = 90	CES49 = 83	CES74 = 90	CES99 = 62
CES25 = 71	CES50 = 89	CES75 = 50	

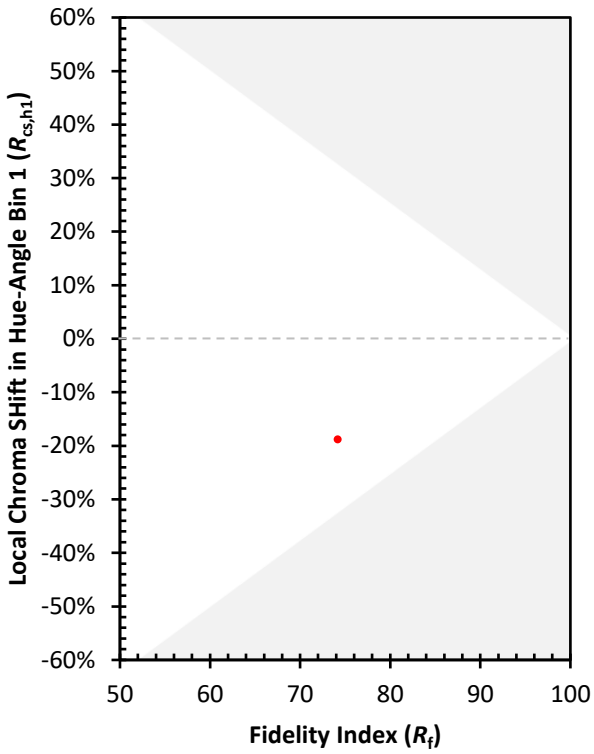


Color Rendition by Hue-Angle Bin



Measure Comparisons





(END OF REPORT)