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: P1461170

Luminaire Tested: PRV-PC1B-740-U-T2RE

Issue Date: 06/10/2026

Test Information

Test Method:	LM-79-2024
Report Number:	P1461170
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	6/10/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	LUMARK
Catalog Number:	PRV-PC1B-740-U-T2RE
Description:	PREVAIL DISCRETE LED 1 SQUARE AT 585MA 70CRI 4000K FIXTURE w/ TYPE II ROADWAY ILLUMINANCE DISTRIBUTION OPTIC
Light Source:	(40) 4000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	11871.6 lumens
Efficiency:	N/A
Efficacy:	162.6 lumens/watt
Luminous Opening:	Rectangular (W 0.67' x L: 0.67' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B2 - U0 - G2
Input Watts (W):	73
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	2.73%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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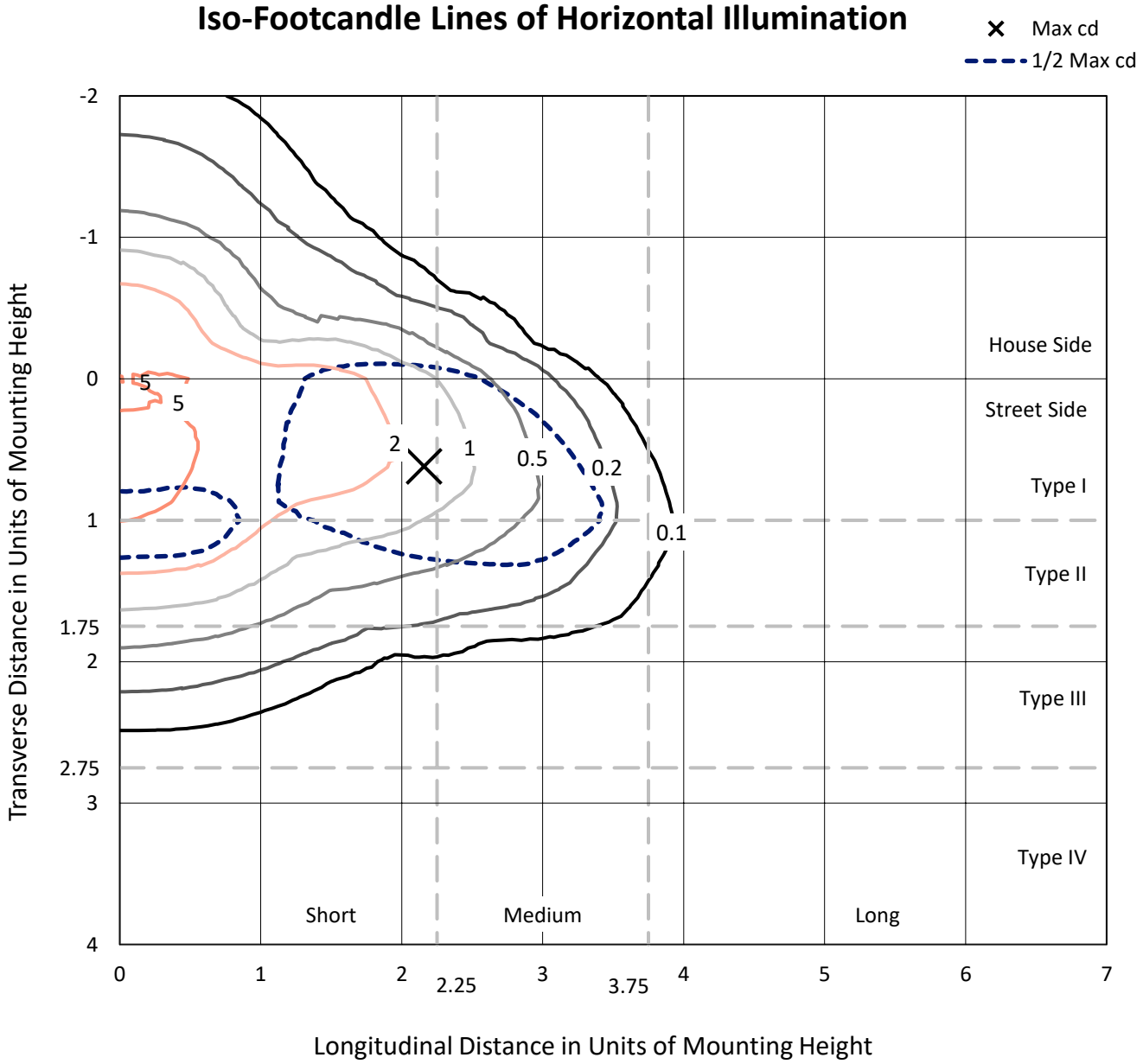
Scaled Data Report

REPORT NUMBER: P1461170
CATALOG NUMBER: PRV-PC1B-740-U-T2RE

Iso-Footcandle Lines of Horizontal Illumination



Based on 20 foot mounting height. Maximum calculated value = 6 fc
Type II - Short - N/A

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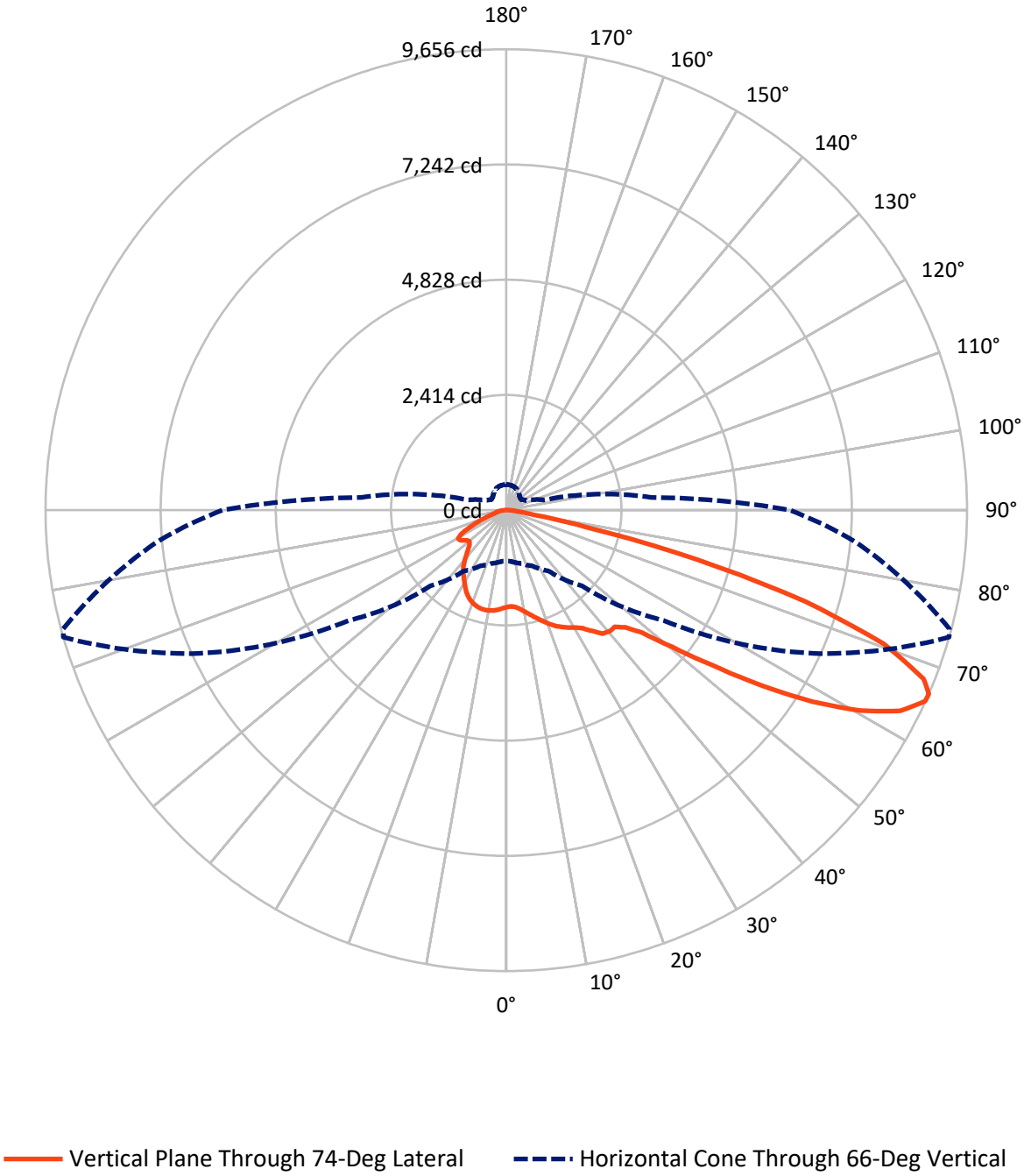
CATALOG NUMBER: PRV-PC1B-740-U-T2RE

Luminous Intensity Polar Plot



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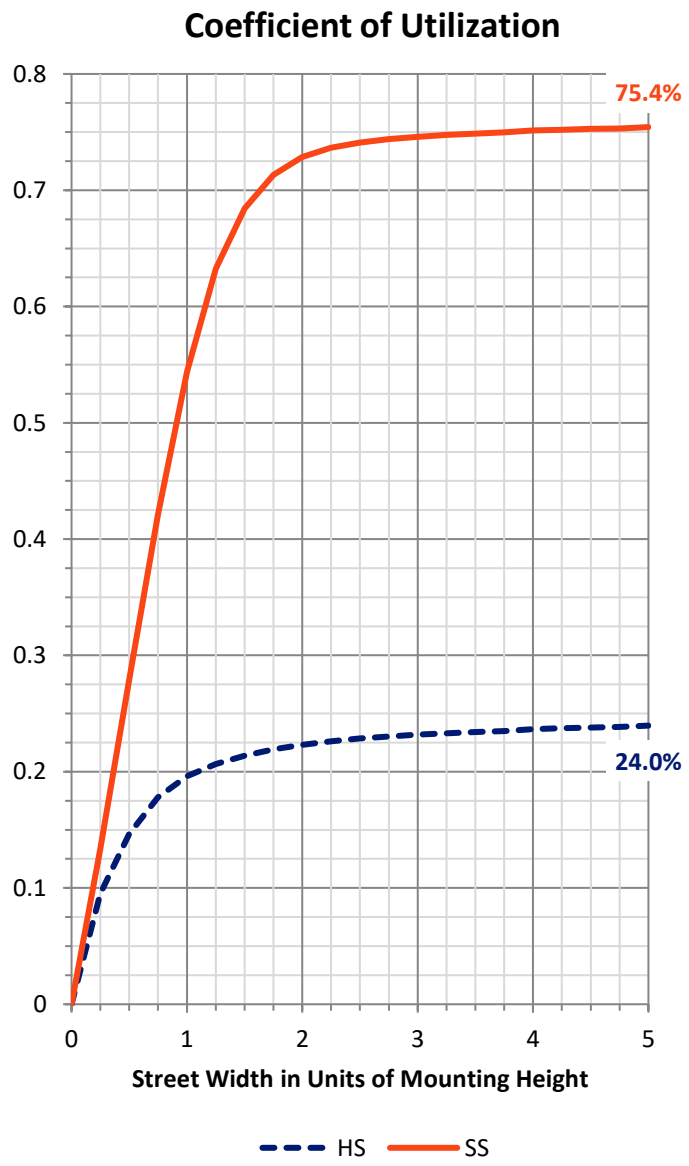
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2889.6	0.0	2889.6
	% Fixture	24.3	0.0	24.3
Street Side	Lumens	8982.0	0.0	8982.0
	% Fixture	75.7	0.0	75.7
Total	Lumens	11871.6	0.0	11871.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	191.1	1.6
10°-20°	590.2	5.0
20°-30°	1099.7	9.3
30°-40°	1649.8	13.9
40°-50°	2174.2	18.3
50°-60°	2650.2	22.3
60°-70°	2422.2	20.4
70°-80°	946.8	8.0
80°-90°	147.4	1.2
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°	11871.6	100.0
0°-180°	11871.6	100.0



REPORT NUMBER: P1461170
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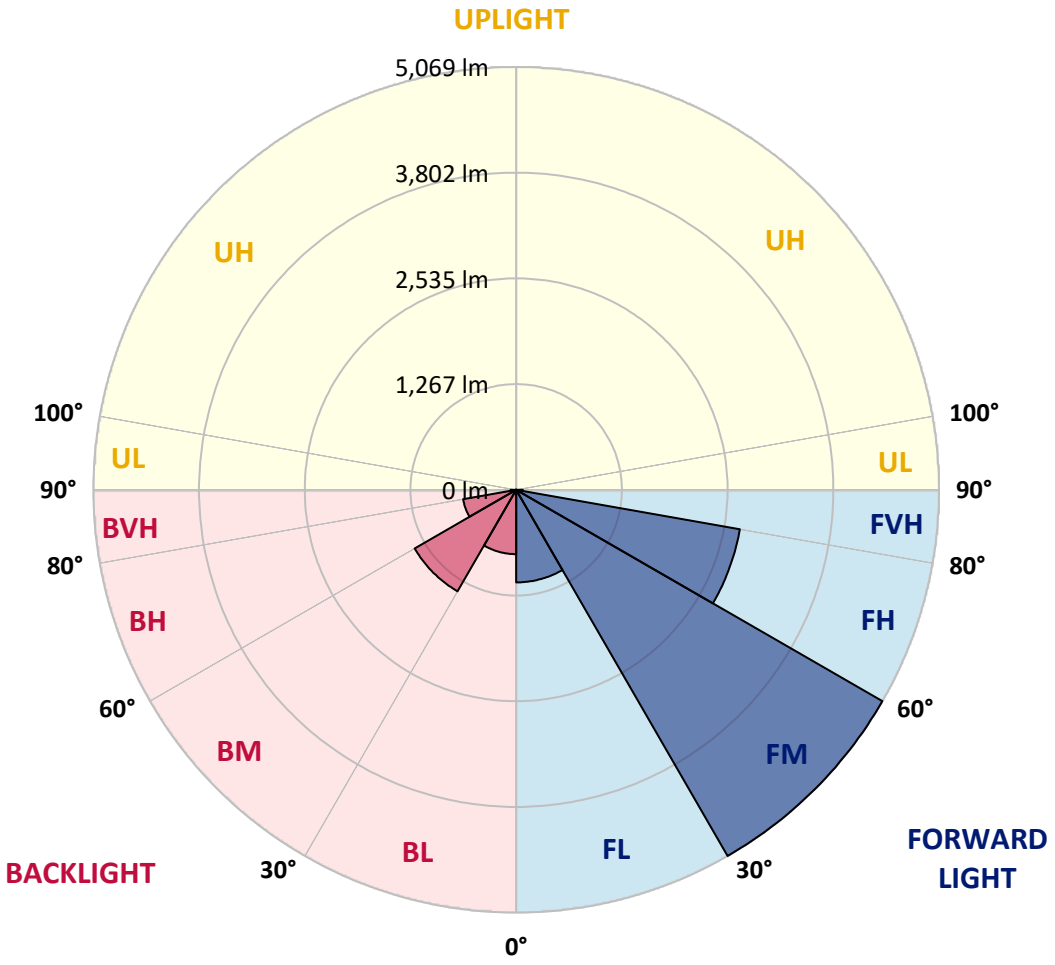
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1109.8	9.3			
FM	(30°-60°)	5069.3	42.7			
FH	(60°-80°)	2723.2	22.9			G2/5000
FVH	(80°-90°)	79.7	0.7			G1/100
BL	(0°-30°)	771.3	6.5	B2/1000		
BM	(30°-60°)	1404.8	11.8	B2/2500		
BH	(60°-80°)	645.9	5.4	B2/1000		G2/1000
BVH	(80°-90°)	67.7	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 II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	74°	75°	85°
0°	2030.6	2030.6	2030.6	2030.6	2030.6	2030.6	2030.6	2030.6	*2030.6*	2030.6	2030.6
2.5°	2011.4	2010.3	2005.9	2007.5	2009.7	2010.8	2015.2	2012.5	*2016.9*	2022.9	2027.3
5°	1953.0	1954.1	1960.7	1975.0	2001.5	2024.6	2041.7	2043.3	*2039.5*	2046.6	2049.9
7.5°	1864.4	1860.0	1874.3	1899.6	1933.7	1985.5	2049.4	2086.8	*2089.6*	2096.2	2098.9
10°	1896.9	1898.0	1895.2	1888.0	1905.7	1953.0	2036.2	2121.5	*2163.9*	2171.1	2172.7
12.5°	2085.7	2082.4	2062.0	2032.9	2007.5	1991.0	2047.7	2155.1	*2247.0*	2252.5	2269.6
15°	2324.1	2301.5	2288.9	2250.3	2193.1	2129.8	2111.0	2207.4	*2337.9*	2353.9	2385.8
17.5°	2545.5	2532.3	2519.0	2474.4	2397.4	2317.5	2237.1	2277.3	*2439.2*	2461.2	2508.0
20°	2775.6	2772.3	2754.7	2714.5	2634.1	2524.0	2397.4	2373.7	*2537.2*	2564.2	2641.8
22.5°	3011.3	3012.9	2995.3	2943.6	2878.0	2742.6	2576.9	2475.0	*2632.5*	2667.7	2766.3
25°	3228.8	3224.9	3199.0	3179.8	3119.8	2982.1	2783.9	2592.8	*2711.8*	2749.7	2880.8
27.5°	3395.6	3381.3	3408.8	3400.6	3342.2	3205.6	2979.3	2722.8	*2786.6*	2831.2	2980.5
30°	3583.9	3571.3	3601.0	3626.3	3565.7	3429.7	3169.9	2832.3	*2851.6*	2902.8	3074.6
32.5°	3847.7	3842.7	3840.0	3858.7	3813.5	3646.7	3362.0	2987.6	*2949.6*	2999.7	3169.9
35°	4217.1	4200.6	4146.6	4114.2	4066.3	3858.1	3580.6	3199.0	*3110.4*	3162.2	3278.3
37.5°	4617.4	4609.7	4510.6	4391.1	4263.9	4044.2	3784.3	3407.7	*3282.7*	3327.9	3364.2
40°	5061.2	5002.8	4919.7	4736.9	4480.3	4157.1	3816.3	3386.2	*3333.9*	3391.2	3380.7
42.5°	5432.9	5355.2	5262.2	5080.5	4700.6	4289.2	3861.4	3382.4	*3341.7*	3407.2	3354.9
45°	5721.9	5685.6	5540.2	5354.1	4926.3	4410.9	3983.7	3534.4	*3501.9*	3571.3	3409.4
47.5°	5770.4	5731.8	5682.8	5548.5	5079.9	4549.1	4153.2	3825.1	*3833.3*	3929.2	3630.2
50°	5334.3	5324.9	5405.9	5496.2	5158.7	4637.2	4358.6	4259.5	*4495.7*	4553.5	4186.8
52.5°	4492.4	4481.4	4746.3	5070.6	4965.4	4684.6	4608.1	4899.3	*5373.4*	5469.8	4913.1
55°	3563.5	3632.9	3880.1	4401.6	4445.1	4493.0	4867.4	5638.8	*6464.7*	6512.6	5701.0
57.5°	3005.8	2984.3	3168.2	3650.5	3794.8	4086.6	4974.2	6448.7	*7564.3*	7523.5	6467.5
60°	2531.2	2539.4	2637.4	2997.5	3185.3	3499.1	4901.0	7178.3	*8531.7*	8482.7	7116.1
62.5°	1916.1	1897.4	1995.4	2291.6	2677.1	2987.1	4647.1	7522.4	*9259.6*	9207.8	7432.1
65°	1253.2	1276.3	1355.1	1540.1	1900.2	2494.3	4227.0	7320.4	*9648.9*	9601.0	7411.8
66°	*1066.0*	*1075.3*	*1155.2*	*1286.8*	*1558.8*	*2241.0*	*4028.8*	*7102.3*	*9655.5*	*9615.3*	*7301.1*
67.5°	816.6	830.3	897.5	979.0	1144.2	1736.6	3677.0	6655.2	*9434.7*	9398.4	6987.2
70°	599.1	603.5	656.9	675.6	703.1	960.3	2758.6	5740.7	*8391.3*	8380.3	5774.8
72.5°	457.0	462.5	493.3	509.3	500.5	579.8	1561.0	4676.9	*6552.3*	6541.2	3980.9
75°	394.2	392.6	401.9	400.8	395.3	414.6	685.0	3152.2	*4103.7*	4125.2	1945.9
77.5°	323.8	325.4	332.0	326.0	321.6	324.3	417.4	1635.3	*1735.0*	1689.3	588.6
80°	259.3	261.5	268.1	264.3	258.2	264.3	303.9	591.9	*582.0*	517.6	237.3
82.5°	204.3	198.2	203.7	206.5	201.5	209.2	228.0	270.3	*252.2*	245.6	166.3
85°	132.1	133.2	123.3	137.7	133.2	135.4	156.4	184.5	*176.7*	175.1	114.5
87.5°	44.0	47.9	52.3	53.4	55.1	57.3	67.2	81.5	*102.4*	106.3	47.4
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: P1461170
CATALOG NUMBER: PRV-PC1B-740-U-T2RE

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2030.6	2030.6	2030.6	2030.6	2030.6	2030.6	2030.6	2030.6	2030.6	2030.6	2030.6
2.5°	2035.6	2043.9	2054.9	2068.1	2077.5	2084.1	2080.2	2080.8	2079.1	2073.6	2072.5
5°	2059.3	2071.9	2090.1	2094.0	2083.5	2062.6	2037.3	2011.9	1998.2	1983.3	1982.7
7.5°	2109.9	2116.0	2120.4	2089.6	2032.3	1979.4	1923.8	1885.8	1868.8	1858.3	1867.7
10°	2177.1	2177.7	2140.2	2049.9	1953.0	1880.9	1835.2	1806.0	1789.5	1783.4	1786.2
12.5°	2264.1	2251.4	2152.9	2002.0	1876.5	1806.6	1768.6	1750.4	1737.7	1733.3	1735.5
15°	2369.3	2328.0	2150.1	1943.7	1804.9	1749.8	1723.4	1709.6	1700.8	1697.5	1701.4
17.5°	2473.3	2393.5	2132.5	1879.2	1750.9	1712.4	1694.8	1679.4	1675.5	1673.3	1676.6
20°	2575.8	2450.8	2102.2	1809.9	1711.3	1692.0	1672.8	1663.4	1667.8	1670.0	1676.1
22.5°	2669.4	2485.5	2053.8	1738.3	1679.4	1668.3	1661.7	1659.5	1667.2	1671.7	1677.2
25°	2738.2	2495.4	1988.8	1676.1	1641.4	1645.8	1652.9	1649.6	1651.8	1652.4	1656.2
27.5°	2792.1	2492.1	1895.7	1616.0	1595.1	1614.9	1631.5	1617.7	1611.6	1606.1	1609.4
30°	2839.5	2484.4	1794.4	1545.0	1530.1	1563.7	1582.5	1556.6	1540.1	1529.6	1539.5
32.5°	2879.7	2483.2	1700.3	1453.1	1454.7	1490.5	1509.8	1480.0	1455.3	1445.4	1443.7
35°	2921.5	2486.6	1612.7	1359.5	1349.5	1397.4	1407.4	1379.8	1348.4	1337.4	1338.5
37.5°	2947.4	2489.3	1521.9	1240.5	1235.0	1280.7	1290.1	1269.7	1247.1	1234.5	1230.6
40°	2925.9	2456.3	1396.9	1119.4	1100.7	1139.8	1164.5	1160.7	1127.6	1089.7	1088.0
42.5°	2913.3	2424.3	1264.8	1002.1	985.0	1006.0	1050.0	1026.9	964.7	957.5	952.6
45°	3014.0	2443.6	1154.6	904.1	866.1	899.7	941.0	885.9	859.5	850.1	857.8
47.5°	3298.2	2552.6	1073.7	834.2	782.4	813.8	829.2	809.9	787.4	784.1	787.4
50°	3918.7	2839.5	1037.3	795.6	725.2	743.9	737.8	747.2	730.1	733.4	736.7
52.5°	4706.1	3354.3	1056.1	790.7	685.5	670.6	666.2	686.6	689.9	705.3	710.8
55°	5528.1	3808.0	1121.0	808.3	641.5	589.2	596.3	632.1	664.6	685.5	690.5
57.5°	6224.6	4028.8	1193.2	808.3	582.5	524.7	541.2	593.6	645.3	662.9	665.1
60°	6515.9	3994.1	1215.7	753.8	521.4	472.4	500.5	570.4	618.9	628.8	634.3
62.5°	6476.3	3792.6	1121.0	643.1	457.6	433.3	477.4	545.7	579.8	591.4	594.1
65°	6176.7	3337.8	920.1	513.7	403.6	405.2	458.1	514.3	541.8	555.6	561.1
66°	*5945.5*	*3048.2*	*821.0*	*475.2*	*384.3*	*396.4*	*450.4*	*498.3*	*524.7*	*535.2*	*540.1*
67.5°	5450.5	2531.7	700.9	413.5	362.9	384.3	433.9	474.1	495.0	507.1	511.0
70°	3973.8	1543.4	503.8	330.4	331.5	360.6	392.6	420.7	460.3	477.4	482.9
72.5°	2351.7	771.4	366.7	279.7	306.1	335.9	351.3	383.2	434.4	464.2	471.9
75°	1074.2	378.3	267.6	247.8	274.2	291.8	309.4	353.5	416.3	461.4	469.1
77.5°	364.5	243.9	217.5	222.4	229.1	241.2	267.6	323.8	395.9	446.0	458.7
80°	197.1	193.3	180.0	188.3	190.0	201.0	229.6	286.3	359.5	403.0	405.8
82.5°	158.0	149.8	143.2	146.5	149.8	164.1	184.5	236.8	305.0	248.9	251.6
85°	101.9	89.7	93.1	98.0	101.3	114.0	127.2	175.6	219.7	116.2	110.7
87.5°	30.3	27.5	33.0	36.9	36.3	36.9	49.0	92.0	129.4	54.5	37.4
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: SP2-2501-321-1

Test Date: 04/09/2025

Luminaire Tested: GKO-PB1E-740-U-T4W

Data in this report applies to families of products including GKO-PB1E-740-U-T4W

Report Generated By FNC07603 / LDUCLS01DT447
Version: v7.04

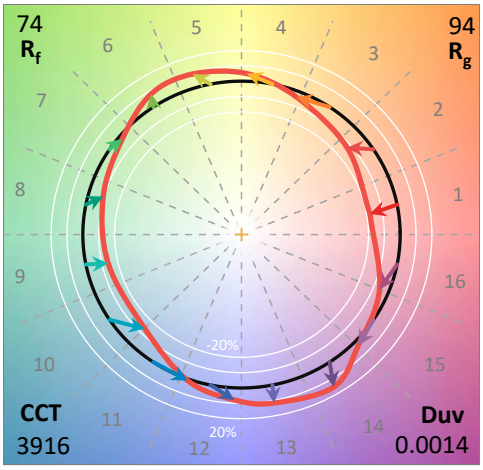
Test Information

Test Method:	LM-79-2019
Report Number:	SP2-2501-321-1
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-740-U-T4W**
Description:	Gekko Wedge Wall Pack Fixture 1 SQ w/ T4W distribution

Spectral Parameters

CCT (K):	3916	CRI (Ra):		71.0			
CIE u':	0.2259	R1:		67.4	R9:		-37.9
CIE v':	0.5049	R2:		78.3	R10:		48.9
Duv:	0.0014	R3:		87.2	R11:		64.6
CIE x:	0.3853	R4:		69.5	R12:		40.9
CIE y:	0.3827	R5:		67.2	R13:		69.2
CIE z:	0.2321	R6:		69.3	R14:		92.7
Peak Wavelength (nm):	449	R7:		79.9	R15:		59.8
Dominant Wavelength (nm):	578	R8:		48.9			
Purity:	30.46652						

Rf:	73.5
Rg:	93.5



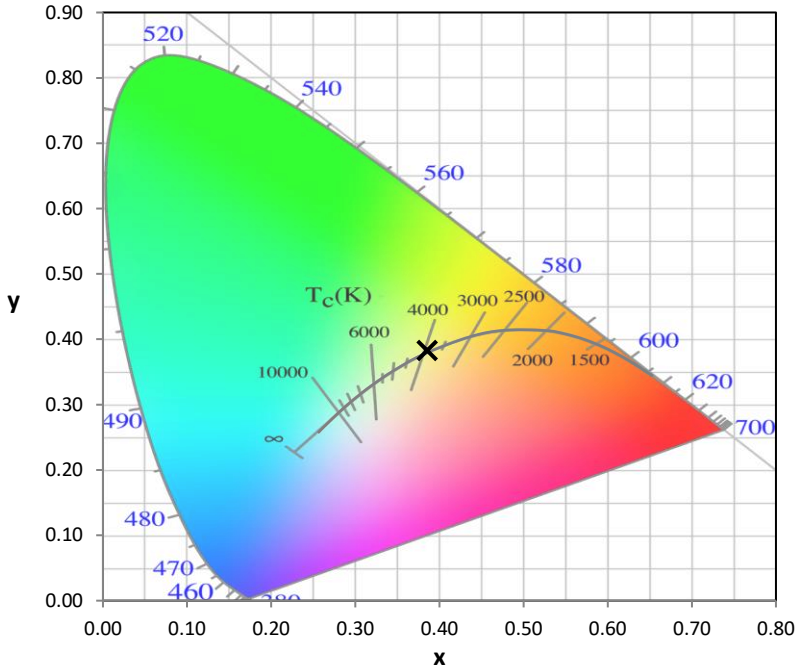
Test Conditions

Stabilization Time:	33M
Operation Time:	1H 33M
Sphere Temperature (°C):	25.0

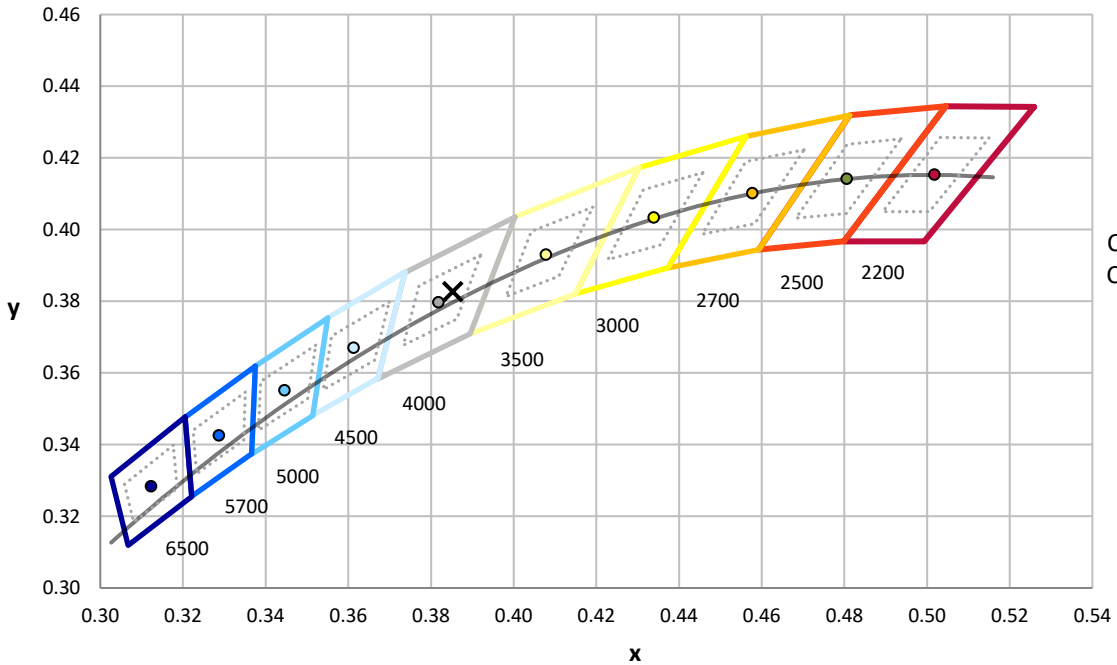
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN2187	1/6/2025	7/6/2025
Power Meter	INXT2011002	1/21/2025	1/21/2026
AC Power Source	IN0458	10/22/2024	10/22/2025
DC Power Source	IN0212	10/22/2024	10/22/2025
Sphere Thermometer	IN4036B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

REPORT NUMBER: SP2-2501-321-1

CIE 1931 Chromaticity Diagram



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

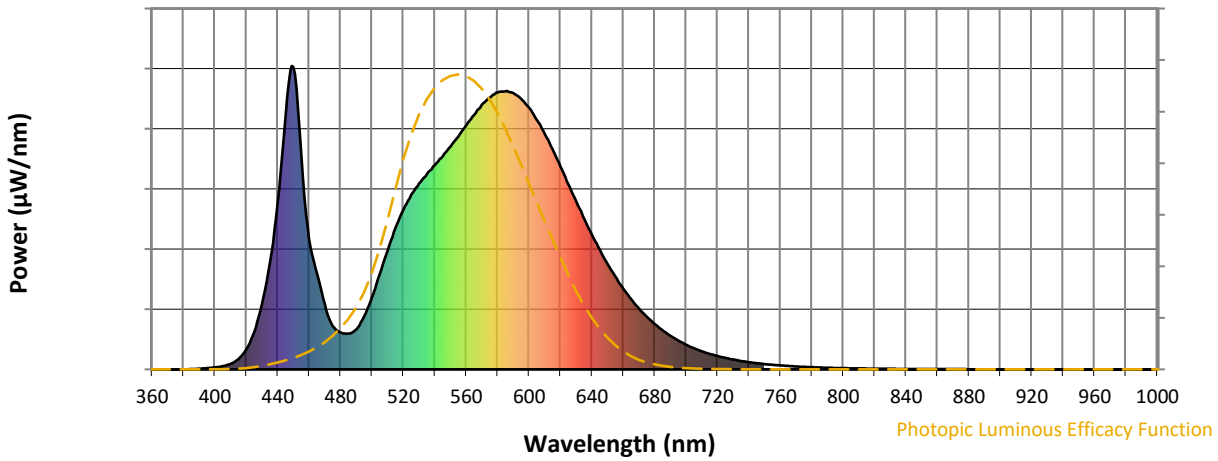


CCT = 3916K
CIE x = 0.3853
CIE y = 0.3827
Duv = 0.0014

Point lies inside the ANSI 4000K 4-step quadrangle

REPORT NUMBER: SP2-2501-321-1

Photopic Flux vs. Wavelength

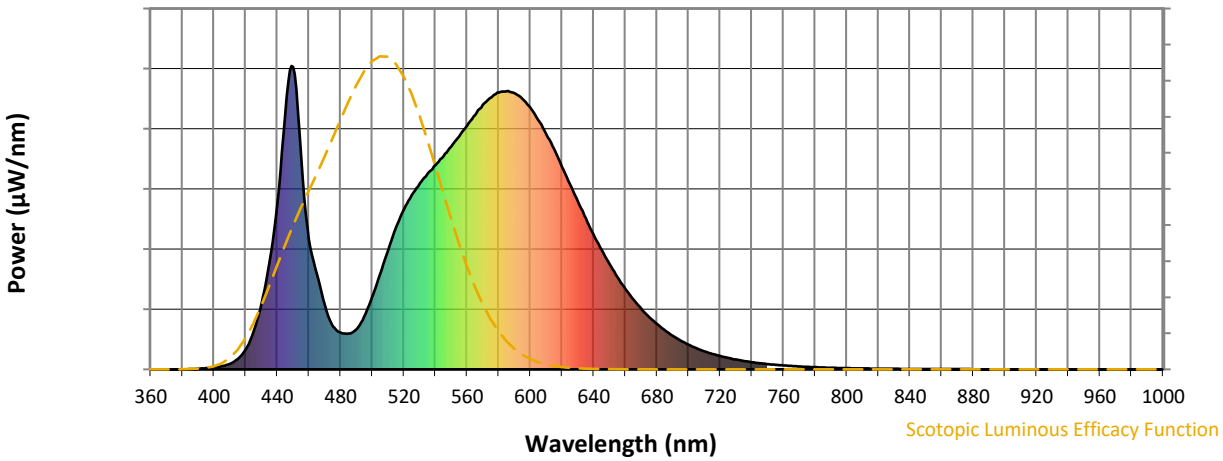


Photopic Lumens: NR

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	132	NR	620	668	NR	750	17	NR	880	1	NR
365	0	NR	495	174	NR	625	611	NR	755	15	NR	885	0	NR
370	0	NR	500	238	NR	630	554	NR	760	13	NR	890	0	NR
375	0	NR	505	314	NR	635	498	NR	765	11	NR	895	0	NR
380	0	NR	510	392	NR	640	445	NR	770	10	NR	900	0	NR
385	1	NR	515	467	NR	645	394	NR	775	8	NR	905	0	NR
390	2	NR	520	526	NR	650	347	NR	780	7	NR	910	0	NR
395	4	NR	525	575	NR	655	305	NR	785	6	NR	915	0	NR
400	6	NR	530	613	NR	660	266	NR	790	5	NR	920	0	NR
405	10	NR	535	644	NR	665	231	NR	795	5	NR	925	0	NR
410	18	NR	540	673	NR	670	200	NR	800	4	NR	930	0	NR
415	34	NR	545	703	NR	675	174	NR	805	4	NR	935	0	NR
420	66	NR	550	734	NR	680	150	NR	810	3	NR	940	0	NR
425	124	NR	555	768	NR	685	129	NR	815	3	NR	945	0	NR
430	216	NR	560	804	NR	690	111	NR	820	2	NR	950	0	NR
435	352	NR	565	838	NR	695	95	NR	825	2	NR	955	0	NR
440	548	NR	570	872	NR	700	81	NR	830	2	NR	960	0	NR
445	836	NR	575	896	NR	705	69	NR	835	2	NR	965	0	NR
450	997	NR	580	913	NR	710	60	NR	840	1	NR	970	0	NR
455	705	NR	585	917	NR	715	51	NR	845	1	NR	975	0	NR
460	429	NR	590	911	NR	720	44	NR	850	1	NR	980	0	NR
465	316	NR	595	891	NR	725	38	NR	855	1	NR	985	0	NR
470	213	NR	600	862	NR	730	32	NR	860	1	NR	990	0	NR
475	143	NR	605	822	NR	735	28	NR	865	1	NR	995	0	NR
480	121	NR	610	776	NR	740	24	NR	870	1	NR	1000	0	NR
485	118	NR	615	725	NR	745	20	NR	875	1	NR			

REPORT NUMBER: SP2-2501-321-1

Scotopic Flux vs. Wavelength

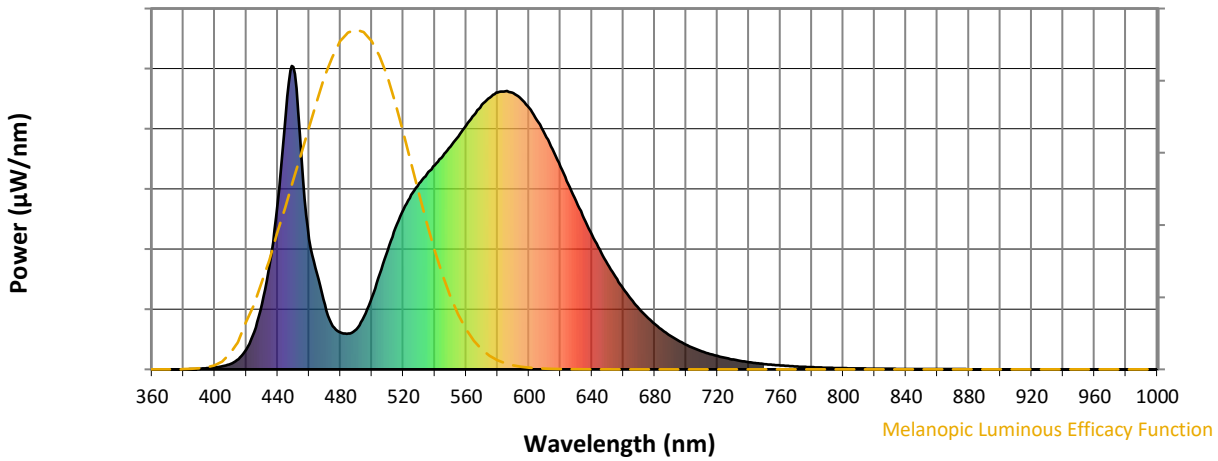


Scotopic Lumens: NR **S/P: 1.49**

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	132	NR	620	668	NR	750	17	NR	880	1	NR
365	0	NR	495	174	NR	625	611	NR	755	15	NR	885	0	NR
370	0	NR	500	238	NR	630	554	NR	760	13	NR	890	0	NR
375	0	NR	505	314	NR	635	498	NR	765	11	NR	895	0	NR
380	0	NR	510	392	NR	640	445	NR	770	10	NR	900	0	NR
385	1	NR	515	467	NR	645	394	NR	775	8	NR	905	0	NR
390	2	NR	520	526	NR	650	347	NR	780	7	NR	910	0	NR
395	4	NR	525	575	NR	655	305	NR	785	6	NR	915	0	NR
400	6	NR	530	613	NR	660	266	NR	790	5	NR	920	0	NR
405	10	NR	535	644	NR	665	231	NR	795	5	NR	925	0	NR
410	18	NR	540	673	NR	670	200	NR	800	4	NR	930	0	NR
415	34	NR	545	703	NR	675	174	NR	805	4	NR	935	0	NR
420	66	NR	550	734	NR	680	150	NR	810	3	NR	940	0	NR
425	124	NR	555	768	NR	685	129	NR	815	3	NR	945	0	NR
430	216	NR	560	804	NR	690	111	NR	820	2	NR	950	0	NR
435	352	NR	565	838	NR	695	95	NR	825	2	NR	955	0	NR
440	548	NR	570	872	NR	700	81	NR	830	2	NR	960	0	NR
445	836	NR	575	896	NR	705	69	NR	835	2	NR	965	0	NR
450	997	NR	580	913	NR	710	60	NR	840	1	NR	970	0	NR
455	705	NR	585	917	NR	715	51	NR	845	1	NR	975	0	NR
460	429	NR	590	911	NR	720	44	NR	850	1	NR	980	0	NR
465	316	NR	595	891	NR	725	38	NR	855	1	NR	985	0	NR
470	213	NR	600	862	NR	730	32	NR	860	1	NR	990	0	NR
475	143	NR	605	822	NR	735	28	NR	865	1	NR	995	0	NR
480	121	NR	610	776	NR	740	24	NR	870	1	NR	1000	0	NR
485	118	NR	615	725	NR	745	20	NR	875	1	NR			

REPORT NUMBER: SP2-2501-321-1

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.88**

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	132	NR	620	668	NR	750	17	NR	880	1	NR
365	0	NR	495	174	NR	625	611	NR	755	15	NR	885	0	NR
370	0	NR	500	238	NR	630	554	NR	760	13	NR	890	0	NR
375	0	NR	505	314	NR	635	498	NR	765	11	NR	895	0	NR
380	0	NR	510	392	NR	640	445	NR	770	10	NR	900	0	NR
385	1	NR	515	467	NR	645	394	NR	775	8	NR	905	0	NR
390	2	NR	520	526	NR	650	347	NR	780	7	NR	910	0	NR
395	4	NR	525	575	NR	655	305	NR	785	6	NR	915	0	NR
400	6	NR	530	613	NR	660	266	NR	790	5	NR	920	0	NR
405	10	NR	535	644	NR	665	231	NR	795	5	NR	925	0	NR
410	18	NR	540	673	NR	670	200	NR	800	4	NR	930	0	NR
415	34	NR	545	703	NR	675	174	NR	805	4	NR	935	0	NR
420	66	NR	550	734	NR	680	150	NR	810	3	NR	940	0	NR
425	124	NR	555	768	NR	685	129	NR	815	3	NR	945	0	NR
430	216	NR	560	804	NR	690	111	NR	820	2	NR	950	0	NR
435	352	NR	565	838	NR	695	95	NR	825	2	NR	955	0	NR
440	548	NR	570	872	NR	700	81	NR	830	2	NR	960	0	NR
445	836	NR	575	896	NR	705	69	NR	835	2	NR	965	0	NR
450	997	NR	580	913	NR	710	60	NR	840	1	NR	970	0	NR
455	705	NR	585	917	NR	715	51	NR	845	1	NR	975	0	NR
460	429	NR	590	911	NR	720	44	NR	850	1	NR	980	0	NR
465	316	NR	595	891	NR	725	38	NR	855	1	NR	985	0	NR
470	213	NR	600	862	NR	730	32	NR	860	1	NR	990	0	NR
475	143	NR	605	822	NR	735	28	NR	865	1	NR	995	0	NR
480	121	NR	610	776	NR	740	24	NR	870	1	NR	1000	0	NR
485	118	NR	615	725	NR	745	20	NR	875	1	NR			

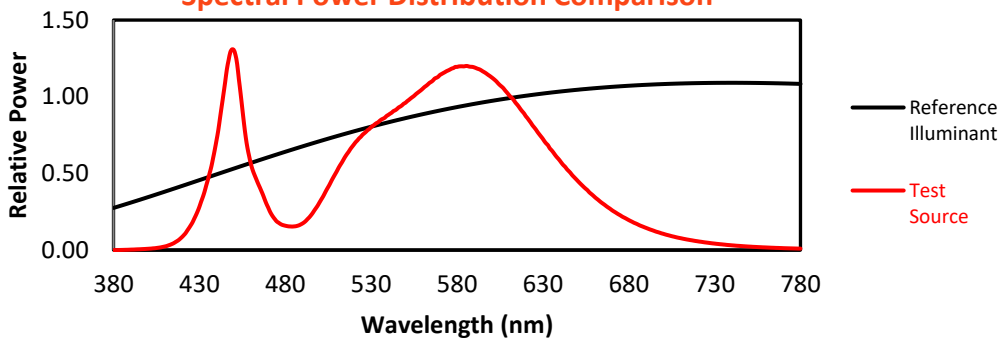
REPORT NUMBER: SP2-2501-321-1

TM-30-18

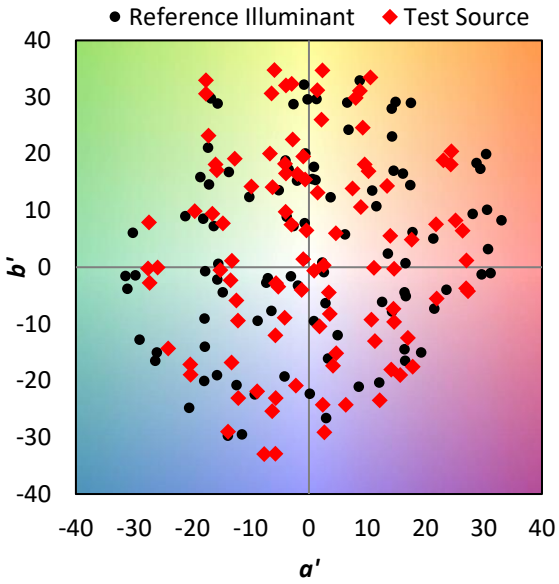
Summary

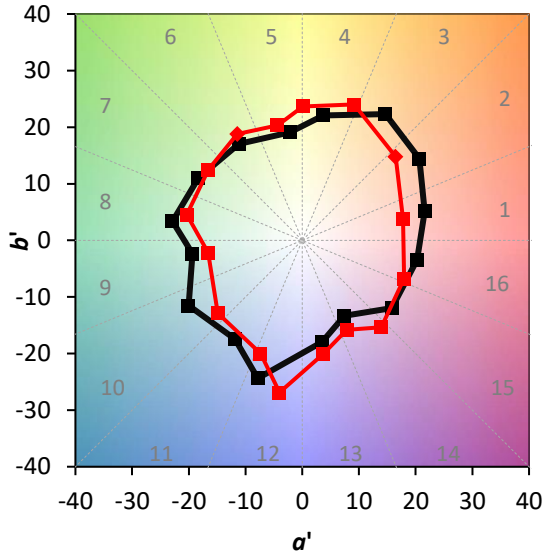
R_f = 73.5
R_g = 93.5
CIE R_a = 71.0
R_9 = -37.9

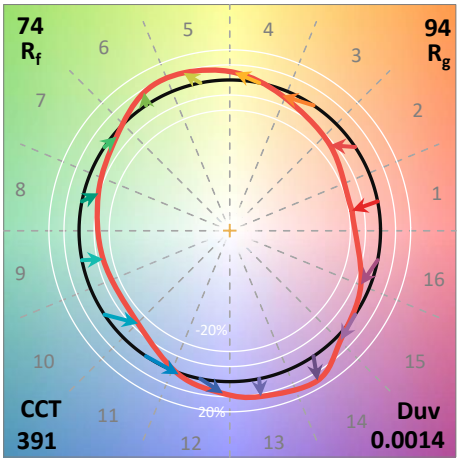
Spectral Power Distribution Comparison

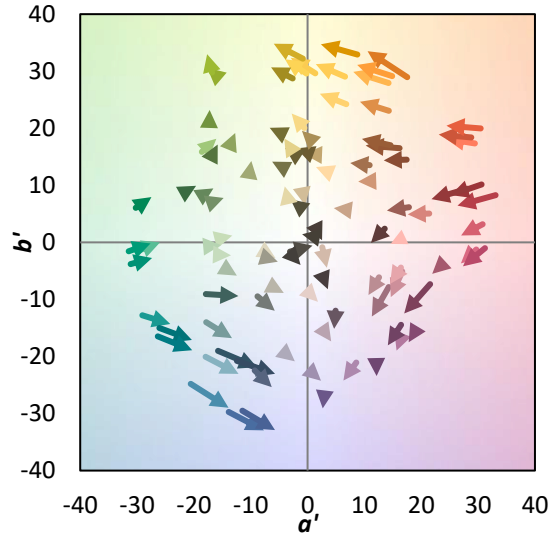


Color Vector Graphics



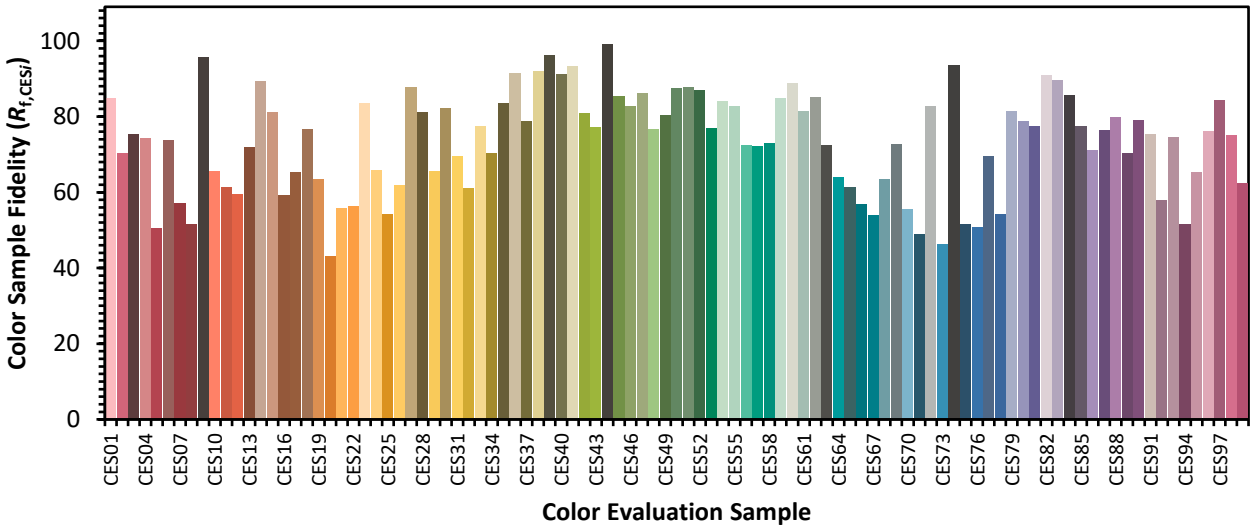




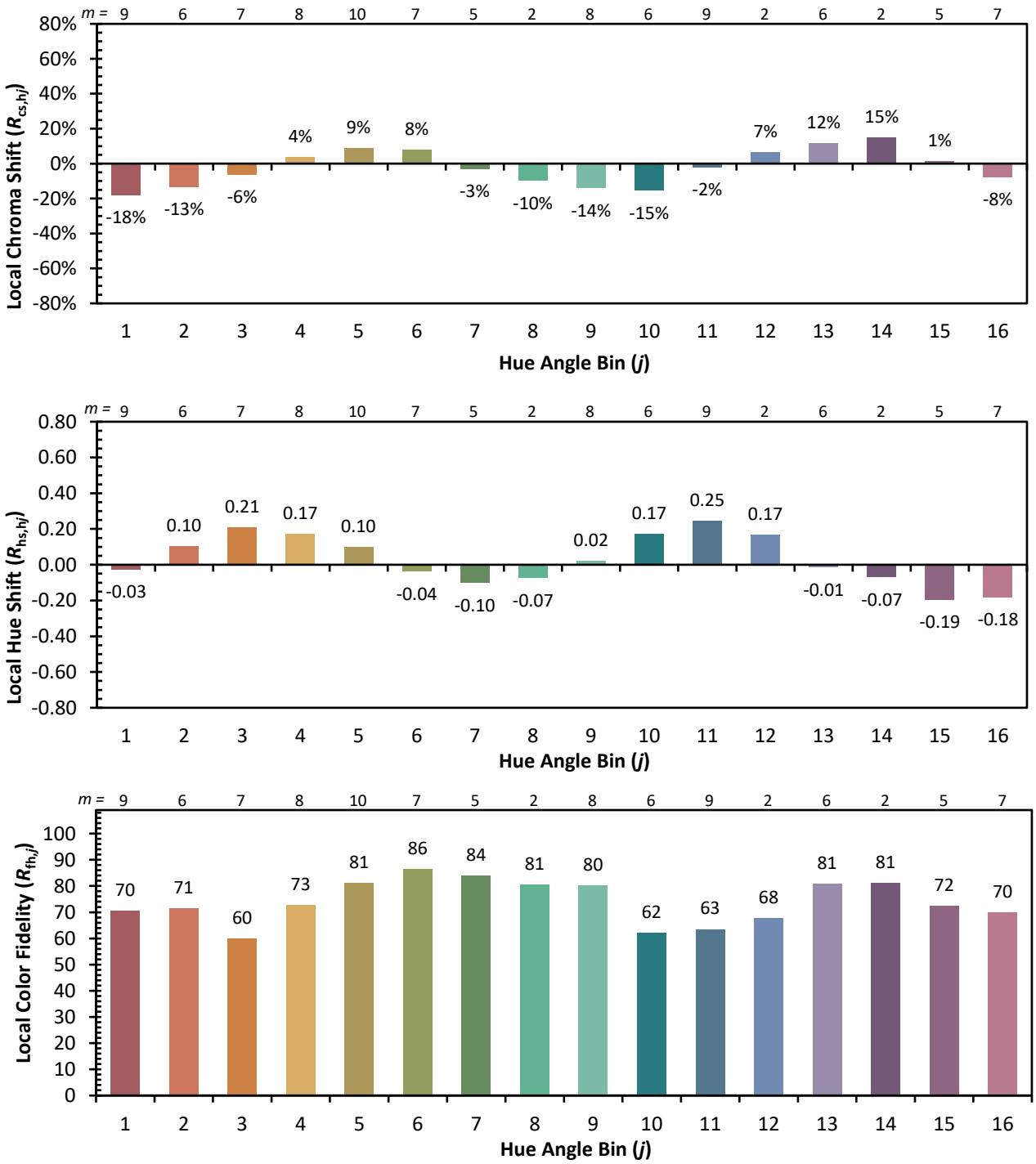


Individual Sample Fidelity Index ($R_{f,i}$)

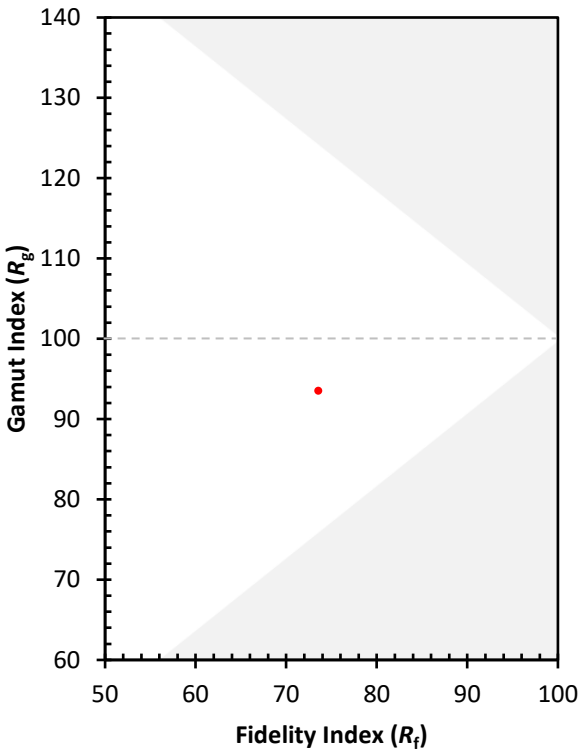
CES01 = 85	CES26 = 62	CES51 = 88	CES76 = 51
CES02 = 61	CES27 = 88	CES52 = 87	CES77 = 70
CES03 = 30	CES28 = 81	CES53 = 77	CES78 = 54
CES04 = 70	CES29 = 66	CES54 = 84	CES79 = 81
CES05 = 47	CES30 = 82	CES55 = 83	CES80 = 79
CES06 = 50	CES31 = 69	CES56 = 73	CES81 = 77
CES07 = 40	CES32 = 61	CES57 = 72	CES82 = 91
CES08 = 39	CES33 = 77	CES58 = 73	CES83 = 90
CES09 = 29	CES34 = 70	CES59 = 85	CES84 = 86
CES10 = 74	CES35 = 84	CES60 = 89	CES85 = 77
CES11 = 57	CES36 = 91	CES61 = 81	CES86 = 71
CES12 = 63	CES37 = 79	CES62 = 85	CES87 = 76
CES13 = 42	CES38 = 92	CES63 = 72	CES88 = 80
CES14 = 74	CES39 = 96	CES64 = 64	CES89 = 70
CES15 = 71	CES40 = 91	CES65 = 61	CES90 = 79
CES16 = 46	CES41 = 93	CES66 = 57	CES91 = 75
CES17 = 49	CES42 = 81	CES67 = 54	CES92 = 58
CES18 = 56	CES43 = 77	CES68 = 63	CES93 = 75
CES19 = 72	CES44 = 99	CES69 = 73	CES94 = 52
CES20 = 65	CES45 = 85	CES70 = 56	CES95 = 65
CES21 = 86	CES46 = 83	CES71 = 49	CES96 = 76
CES22 = 78	CES47 = 86	CES72 = 83	CES97 = 84
CES23 = 92	CES48 = 77	CES73 = 46	CES98 = 75
CES24 = 91	CES49 = 81	CES74 = 93	CES99 = 62
CES25 = 72	CES50 = 87	CES75 = 52	

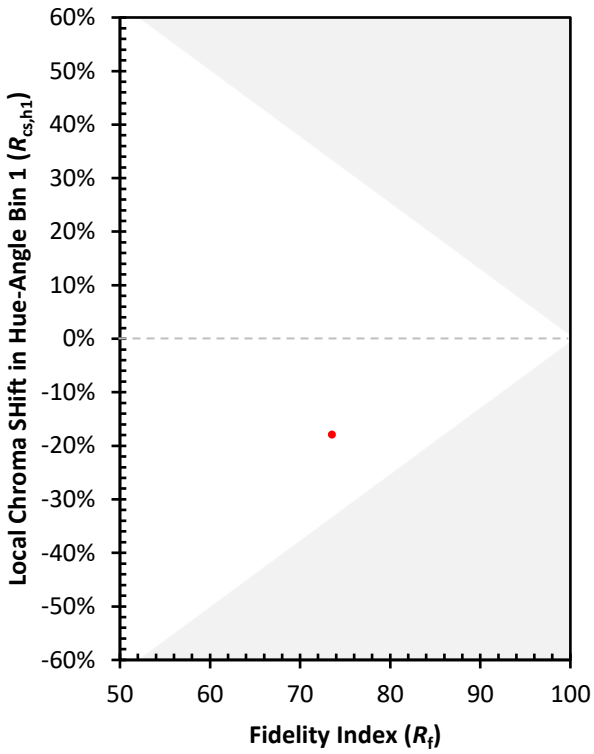


Color Rendition by Hue-Angle Bin



Measure Comparisons





(END OF REPORT)