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: P1461331

Luminaire Tested: PRV-P-PB2C-730-U-T2R

Issue Date: 06/09/2026

Test Information

Test Method:	LM-79-2024
Report Number:	P1461331
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	6/9/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	LUMARK
Catalog Number:	PRV-P-PB2C-730-U-T2R
Description:	PREVAIL PETITE DISCRETE LED 2 SQUARES AT 555MA 70CRI 3000K FIXTURE w/ TYPE II ROADWAY DISTRIBUTION OPTIC
Light Source:	(20) 3000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	9846 lumens
Efficiency:	N/A
Efficacy:	133.1 lumens/watt
Luminous Opening:	Rectangular (W 0.67' x L: 0.33' x H: 0')
IES Classification:	Type II - Medium
BUG Rating:	B2 - U0 - G2
Input Watts (W):	74
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.97
Total Harmonic Distortion (THDi):	8.0%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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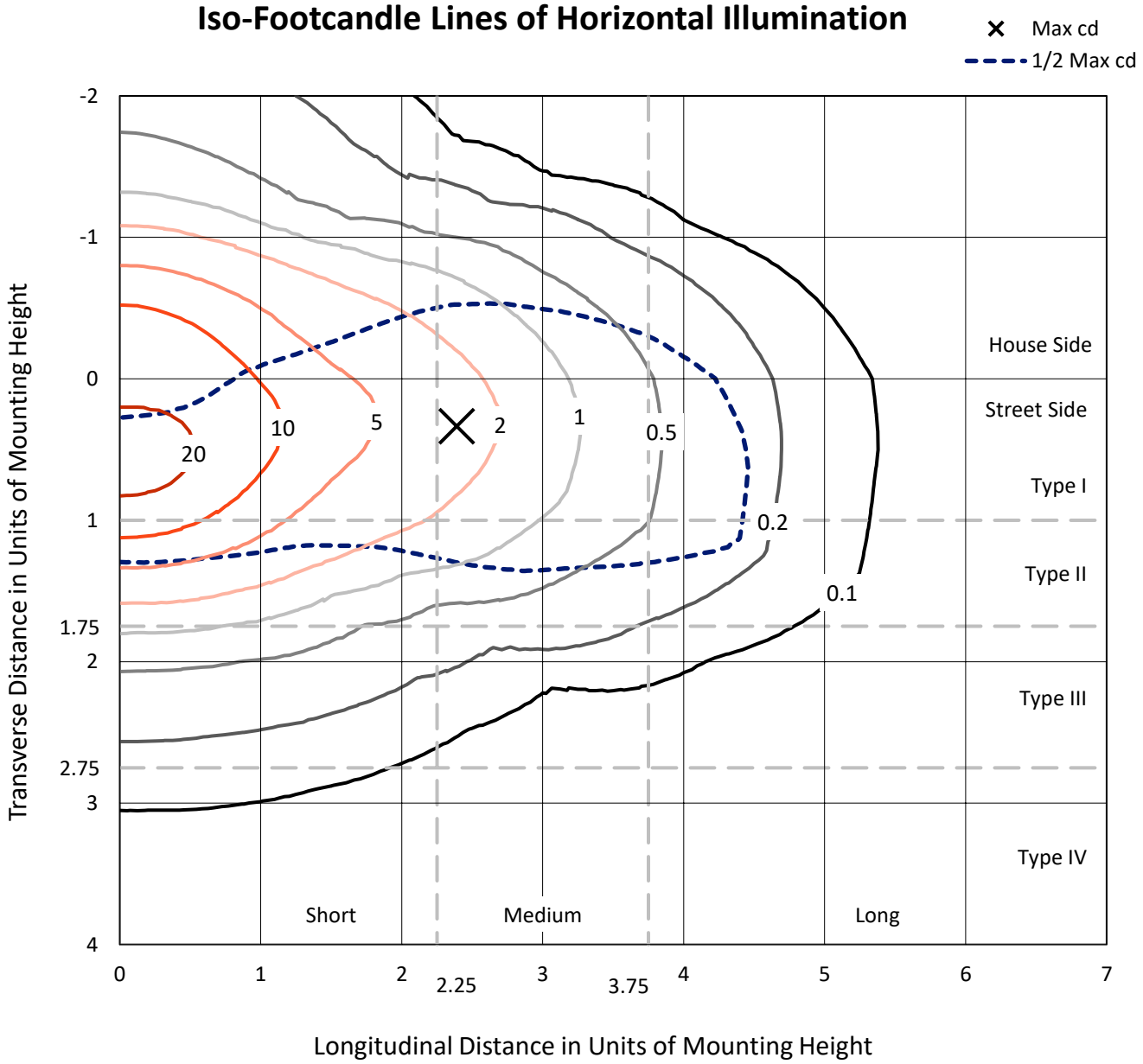
Scaled Data Report

REPORT NUMBER: P1461331
CATALOG NUMBER: PRV-P-PB2C-730-U-T2R

Iso-Footcandle Lines of Horizontal Illumination



Based on 10 foot mounting height. Maximum calculated value = 26.8 fc
Type II - Medium - N/A

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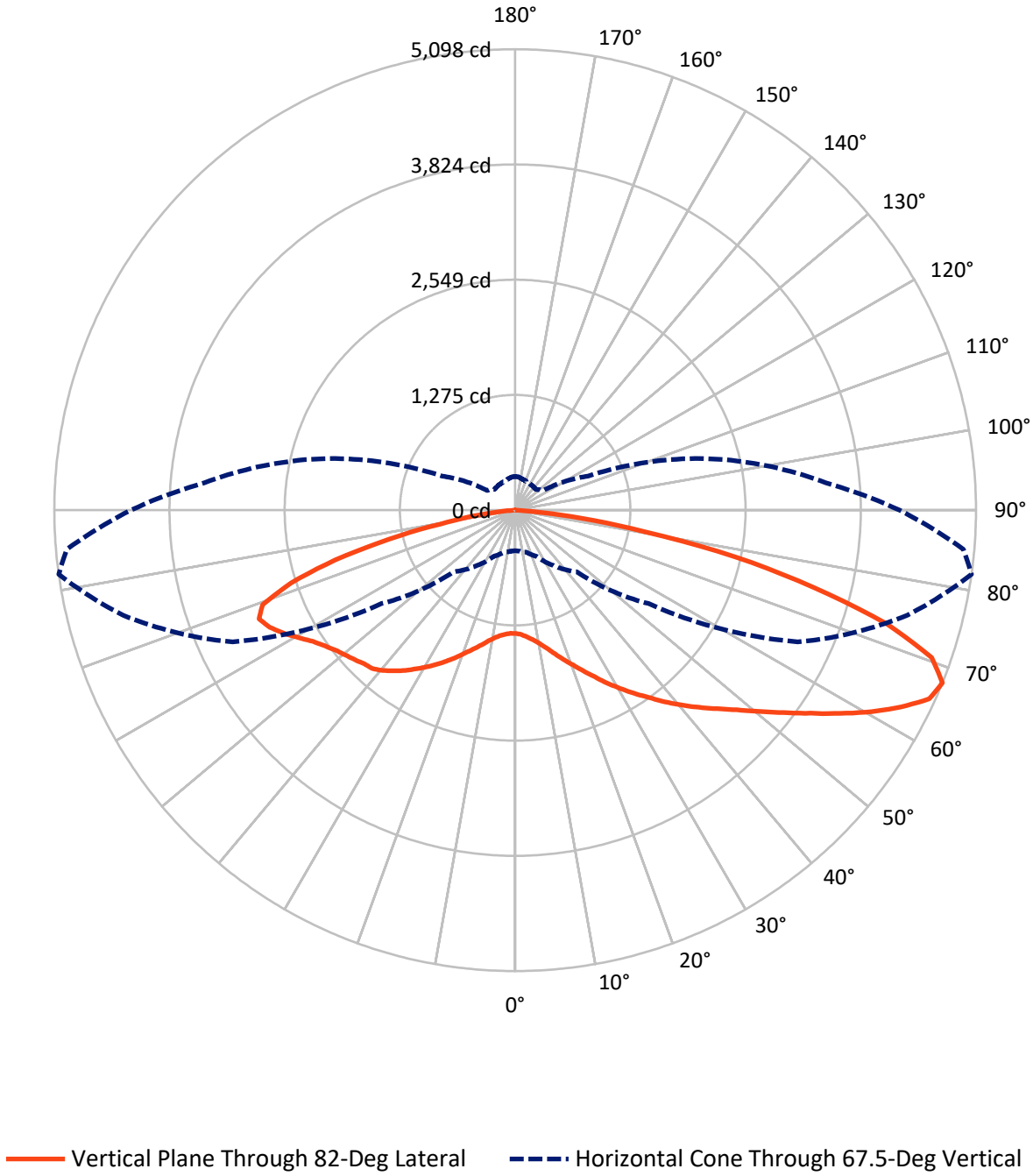
CATALOG NUMBER: PRV-P-PB2C-730-U-T2R

Luminous Intensity Polar Plot



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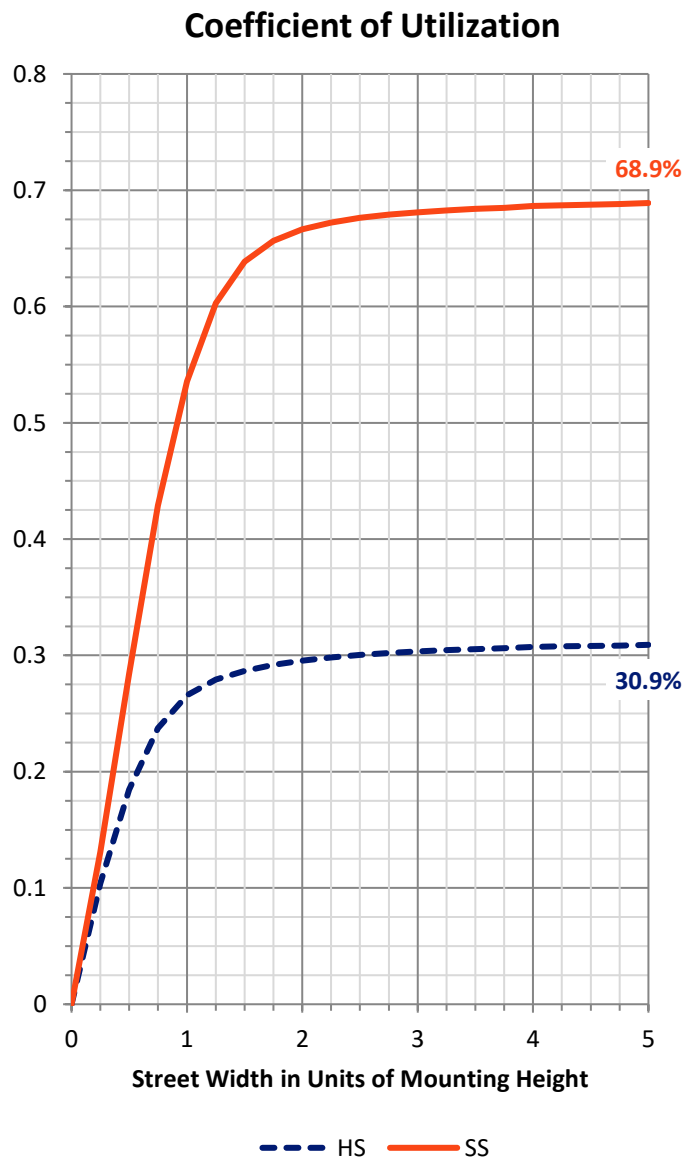
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3057.9	0.0	3057.9
	% Fixture	31.1	0.0	31.1
Street Side	Lumens	6788.1	0.0	6788.1
	% Fixture	68.9	0.0	68.9
Total	Lumens	9846.0	0.0	9846.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	142.0	1.4
10°-20°	517.8	5.3
20°-30°	1049.1	10.7
30°-40°	1642.2	16.7
40°-50°	1984.0	20.1
50°-60°	1868.9	19.0
60°-70°	1567.7	15.9
70°-80°	943.0	9.6
80°-90°	131.4	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°	9846.0	100.0
0°-180°	9846.0	100.0



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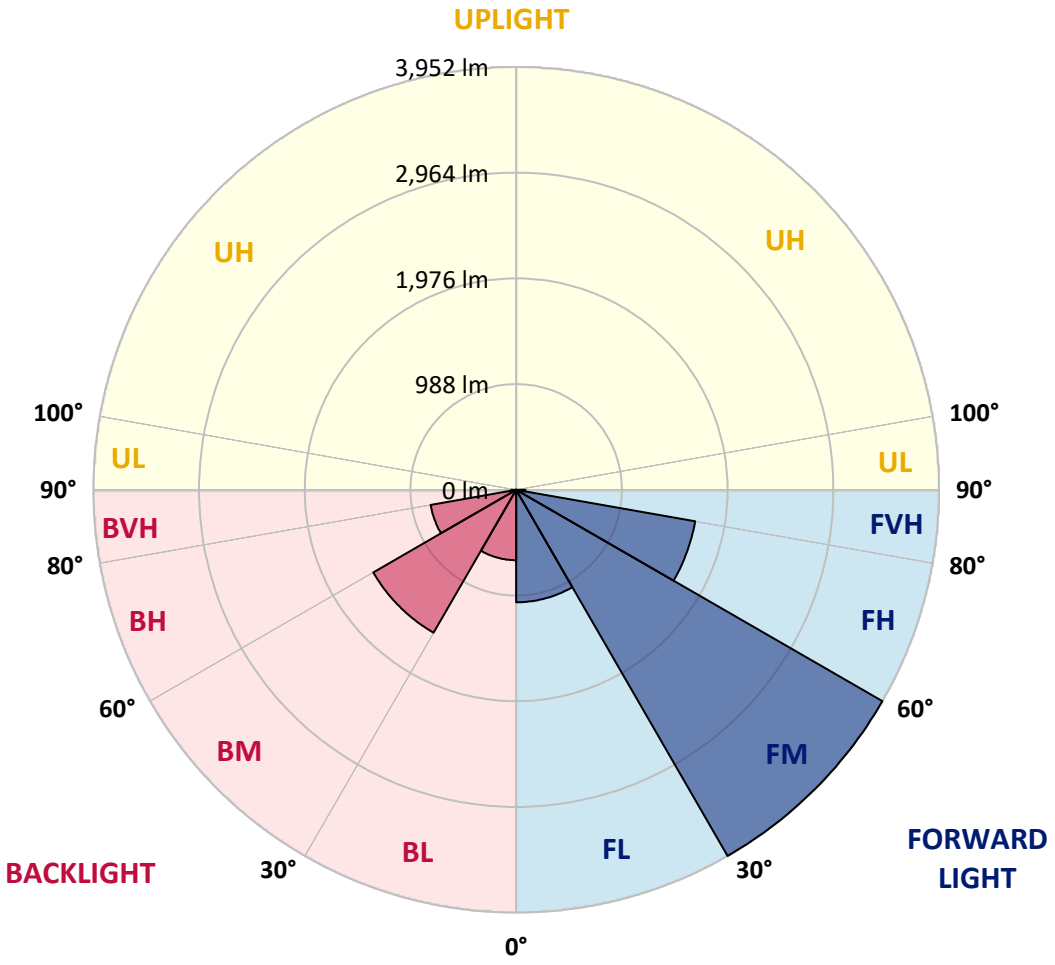
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1050.8	10.7			
FM	(30°-60°)	3952.4	40.1			
FH	(60°-80°)	1698.6	17.3			G1/1800
FVH	(80°-90°)	86.3	0.9			G1/100
BL	(0°-30°)	658.1	6.7	B2/1000		
BM	(30°-60°)	1542.7	15.7	B2/2500		
BH	(60°-80°)	812.1	8.2	B2/1000		G2/1000
BVH	(80°-90°)	45.1	0.5			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 Medium



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	82°	85°
0°	1363.9	1363.9	1363.9	1363.9	1363.9	1363.9	1363.9	1363.9	1363.9	*1363.9*	1363.9
2.5°	1453.2	1451.7	1453.2	1460.8	1445.7	1438.1	1422.9	1403.3	1388.1	*1377.5*	1374.5
5°	1598.5	1607.6	1603.1	1592.5	1568.3	1536.5	1497.1	1453.2	1429.0	*1410.8*	1403.3
7.5°	1796.8	1783.2	1792.3	1760.5	1718.1	1663.6	1587.9	1535.0	1479.0	*1448.7*	1439.6
10°	2011.8	2010.3	1992.1	1958.8	1895.2	1812.0	1719.6	1627.3	1553.1	*1501.7*	1482.0
12.5°	2243.4	2241.9	2232.8	2170.8	2090.5	1970.9	1860.4	1740.8	1624.3	*1569.8*	1547.1
15°	2472.0	2484.1	2467.5	2394.8	2291.9	2143.5	2004.2	1858.9	1727.2	*1648.5*	1619.7
17.5°	2717.2	2715.7	2683.9	2611.3	2493.2	2340.3	2167.7	1975.5	1822.6	*1736.3*	1700.0
20°	2942.8	2968.5	2929.2	2853.5	2706.6	2540.1	2338.8	2117.8	1933.1	*1828.6*	1789.3
22.5°	3236.4	3233.4	3197.1	3082.0	2927.6	2727.8	2506.8	2270.7	2057.2	*1930.1*	1881.6
25°	3543.7	3551.3	3501.4	3362.1	3148.6	2933.7	2679.4	2437.2	2201.0	*2042.1*	1990.6
27.5°	3869.2	3875.3	3811.7	3643.7	3421.1	3144.1	2879.2	2599.1	2329.7	*2166.2*	2090.5
30°	4143.2	4147.7	4085.7	3914.6	3658.8	3368.1	3047.2	2762.6	2461.4	*2287.3*	2208.6
32.5°	4373.3	4361.2	4294.6	4137.1	3898.0	3586.1	3242.5	2918.6	2617.3	*2416.0*	2328.2
35°	4485.3	4498.9	4450.5	4306.7	4085.7	3790.5	3454.4	3103.2	2761.1	*2543.1*	2455.3
37.5°	4483.8	4497.4	4480.8	4386.9	4203.7	3950.9	3633.1	3295.5	2941.3	*2690.0*	2582.5
40°	4377.8	4396.0	4405.1	4356.6	4235.5	4055.4	3776.9	3466.5	3104.7	*2835.3*	2720.3
42.5°	4178.0	4191.6	4220.4	4196.2	4176.5	4073.6	3888.9	3634.6	3271.3	*2982.1*	2850.4
45°	3916.1	3925.2	3954.0	3979.7	4014.5	4003.9	3937.3	3784.4	3462.0	*3133.5*	2980.6
47.5°	3548.3	3580.1	3649.7	3739.0	3801.1	3873.7	3920.7	3882.8	3639.1	*3300.0*	3130.5
50°	3103.2	3100.2	3227.4	3374.2	3558.9	3667.9	3819.3	3949.4	3838.9	*3498.3*	3309.1
52.5°	2450.8	2487.1	2647.6	2936.7	3242.5	3443.8	3660.3	3947.9	4028.2	*3720.9*	3515.0
55°	1815.0	1898.3	2098.1	2390.2	2820.2	3191.0	3463.5	3869.2	4202.2	*3966.1*	3743.6
57.5°	1320.0	1320.0	1533.5	1812.0	2334.2	2873.1	3278.8	3734.5	4332.4	*4241.6*	4013.0
60°	961.2	955.2	1109.6	1348.8	1766.6	2375.1	3094.2	3611.9	4444.4	*4527.7*	4305.2
62.5°	706.9	702.4	784.1	984.0	1309.4	1851.3	2785.3	3554.3	4502.0	*4792.6*	4607.9
65°	552.5	557.1	604.0	726.6	984.0	1333.6	2352.4	3552.8	4509.5	*5034.8*	4860.7
67.5°	*448.1*	*454.1*	*481.4*	*564.6*	*750.8*	*964.3*	*1801.4*	*3448.4*	*4491.4*	*5098.4*	*4978.8*
70°	378.4	380.0	405.7	464.7	569.2	725.1	1267.0	3139.6	4396.0	*4889.5*	4800.2
72.5°	313.4	317.9	345.1	383.0	458.7	558.6	850.7	2571.9	4072.1	*4300.6*	4232.5
75°	257.3	254.3	275.5	322.4	372.4	436.0	599.5	1824.1	3457.5	*3412.0*	3330.3
77.5°	204.4	202.8	222.5	266.4	296.7	342.1	431.4	1156.5	2541.6	*2499.2*	2434.1
80°	146.8	139.3	151.4	192.2	224.0	254.3	298.2	617.6	1492.6	*1450.2*	1471.4
82.5°	84.8	84.8	89.3	121.1	143.8	165.0	190.7	328.5	714.5	*737.2*	711.5
85°	19.7	21.2	24.2	30.3	42.4	60.6	69.6	106.0	178.6	*192.2*	190.7
87.5°	1.5	1.5	1.5	3.0	3.0	3.0	3.0	4.5	6.1	*6.1*	6.1
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: P1461331
CATALOG NUMBER: PRV-P-PB2C-730-U-T2R

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1363.9	1363.9	1363.9	1363.9	1363.9	1363.9	1363.9	1363.9	1363.9	1363.9	1363.9
2.5°	1368.5	1366.9	1353.3	1345.7	1347.3	1341.2	1333.6	1333.6	1329.1	1324.6	1323.0
5°	1389.6	1380.6	1365.4	1351.8	1351.8	1345.7	1342.7	1335.1	1333.6	1329.1	1330.6
7.5°	1418.4	1404.8	1383.6	1370.0	1370.0	1365.4	1365.4	1359.4	1357.9	1351.8	1348.8
10°	1463.8	1444.1	1419.9	1404.8	1403.3	1401.8	1400.2	1398.7	1391.2	1385.1	1382.1
12.5°	1518.3	1494.1	1465.3	1454.7	1451.7	1448.7	1445.7	1436.6	1430.5	1422.9	1418.4
15°	1581.9	1557.7	1525.9	1512.3	1506.2	1500.1	1485.0	1475.9	1465.3	1453.2	1450.2
17.5°	1656.1	1621.3	1583.4	1568.3	1556.2	1542.5	1528.9	1507.7	1491.1	1477.4	1474.4
20°	1736.3	1693.9	1650.0	1627.3	1610.7	1586.4	1559.2	1531.9	1512.3	1495.6	1492.6
22.5°	1815.0	1774.1	1721.2	1689.4	1656.1	1618.2	1575.8	1539.5	1515.3	1498.6	1495.6
25°	1907.4	1855.9	1789.3	1739.3	1690.9	1637.9	1580.4	1533.5	1501.7	1485.0	1479.0
27.5°	2005.8	1940.7	1851.3	1787.8	1716.6	1636.4	1559.2	1506.2	1466.8	1444.1	1441.1
30°	2101.1	2025.4	1914.9	1815.0	1722.7	1618.2	1521.3	1451.7	1404.8	1374.5	1371.5
32.5°	2213.1	2114.7	1964.9	1840.7	1716.6	1587.9	1466.8	1382.1	1327.6	1297.3	1297.3
35°	2322.1	2208.6	2019.4	1860.4	1700.0	1539.5	1400.2	1301.8	1238.3	1203.5	1200.4
37.5°	2434.1	2296.4	2060.2	1861.9	1669.7	1474.4	1321.5	1215.6	1147.4	1106.6	1099.0
40°	2550.7	2387.2	2090.5	1848.3	1621.3	1400.2	1236.8	1120.2	1027.9	974.9	962.8
42.5°	2653.6	2465.9	2107.2	1830.2	1562.2	1315.5	1135.3	994.5	896.2	847.7	838.6
45°	2741.4	2505.3	2096.6	1793.8	1486.5	1220.1	1005.1	859.8	776.6	728.1	717.5
47.5°	2848.9	2568.9	2089.0	1752.9	1397.2	1099.0	865.9	729.6	657.0	620.6	617.6
50°	2973.1	2632.5	2084.5	1700.0	1289.7	956.7	728.1	608.5	551.0	522.3	519.2
52.5°	3103.2	2700.6	2087.5	1634.9	1158.0	797.8	605.5	514.7	466.2	451.1	448.1
55°	3283.4	2792.9	2099.6	1550.1	1008.2	658.5	510.1	442.0	414.8	407.2	407.2
57.5°	3475.6	2898.9	2122.3	1448.7	853.8	535.9	436.0	402.7	398.1	399.6	401.2
60°	3714.8	3045.7	2155.6	1339.7	700.9	448.1	393.6	386.0	390.6	404.2	407.2
62.5°	3944.9	3194.1	2213.1	1214.0	563.1	386.0	370.9	372.4	378.4	396.6	398.1
65°	4158.3	3334.8	2248.0	1065.7	463.2	351.2	354.2	354.2	369.4	395.1	396.6
67.5°	*4250.7*	*3452.9*	*2201.0*	*890.1*	*380.0*	*323.9*	*330.0*	*336.1*	*349.7*	*369.4*	*372.4*
70°	4161.4	3418.1	1960.3	679.7	316.4	296.7	301.2	307.3	323.9	343.6	352.7
72.5°	3733.0	3077.5	1506.2	487.4	271.0	264.9	269.5	280.0	292.2	314.9	328.5
75°	3065.4	2500.8	1059.6	331.5	233.1	230.1	242.2	249.8	243.7	248.3	255.8
77.5°	2232.8	1768.1	646.4	246.7	193.8	198.3	204.4	195.3	168.0	145.3	152.9
80°	1392.7	1040.0	373.9	183.2	149.9	146.8	143.8	130.2	95.4	65.1	28.8
82.5°	716.0	543.4	234.6	128.7	93.9	89.3	89.3	69.6	48.4	19.7	0.0
85°	171.1	154.4	92.3	53.0	34.8	33.3	22.7	9.1	3.0	0.0	0.0
87.5°	6.1	6.1	4.5	3.0	3.0	1.5	1.5	1.5	1.5	0.0	0.0
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

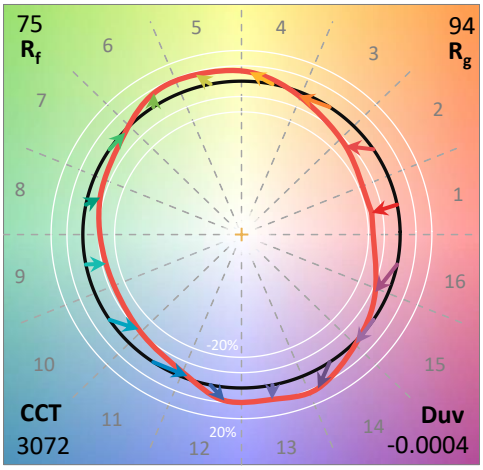
Test Information

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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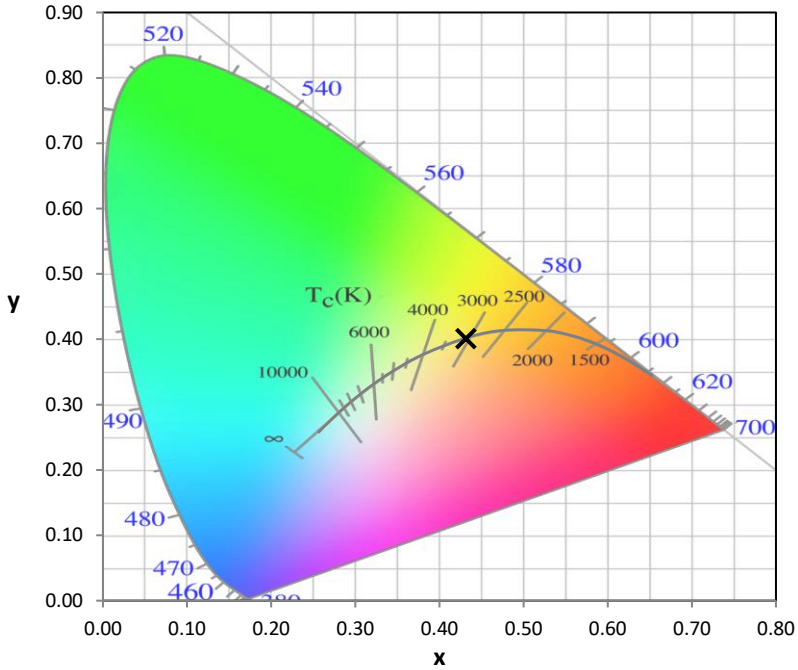
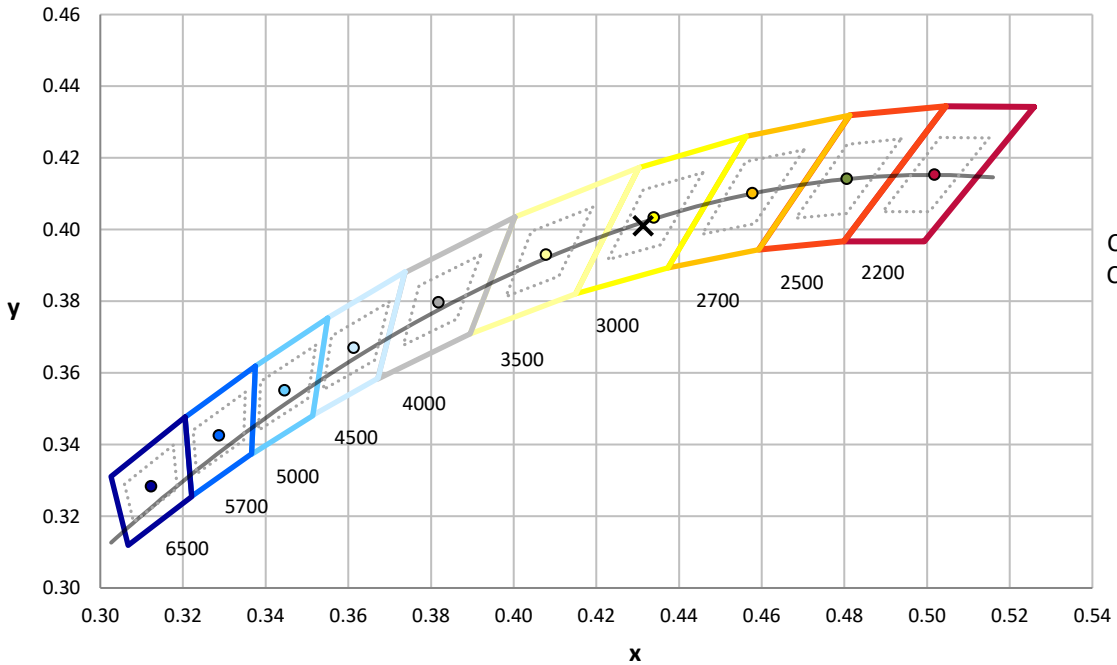
CIE 1931 Chromaticity Diagram



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

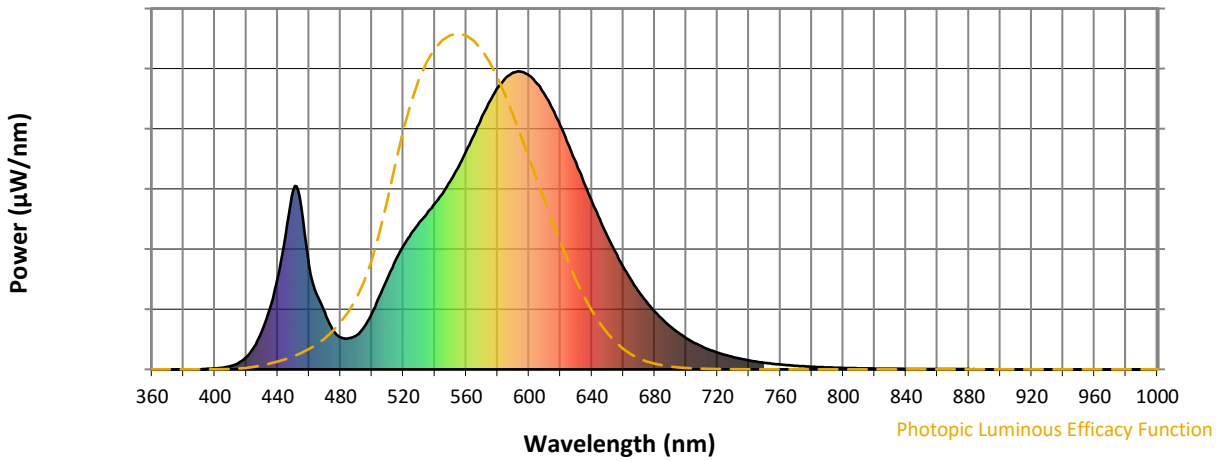


CCT = 3072K
CIE x = 0.4313
CIE y = 0.4010
Duv = -0.0004

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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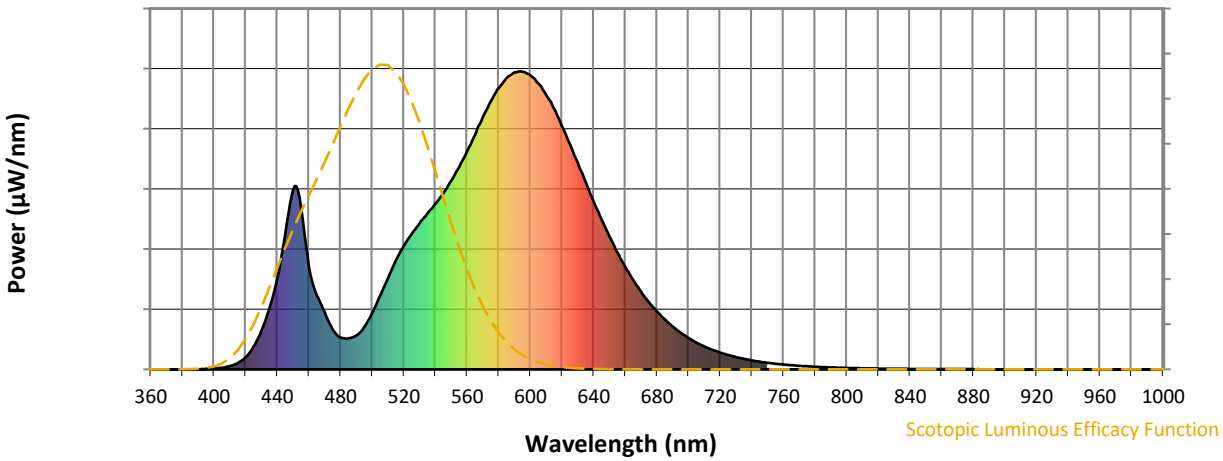
Scotopic Flux vs. Wavelength



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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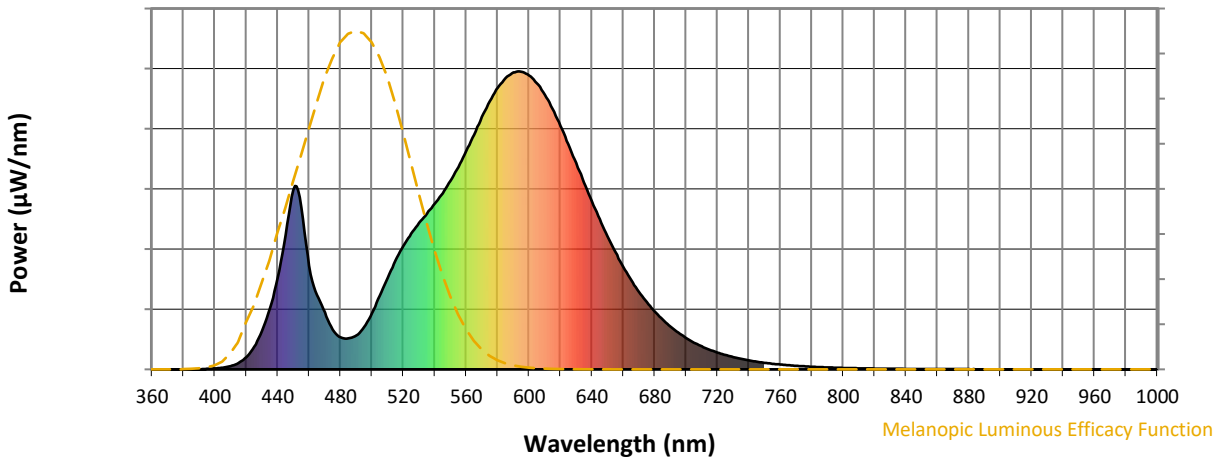
Melanopic Flux vs. Wavelength



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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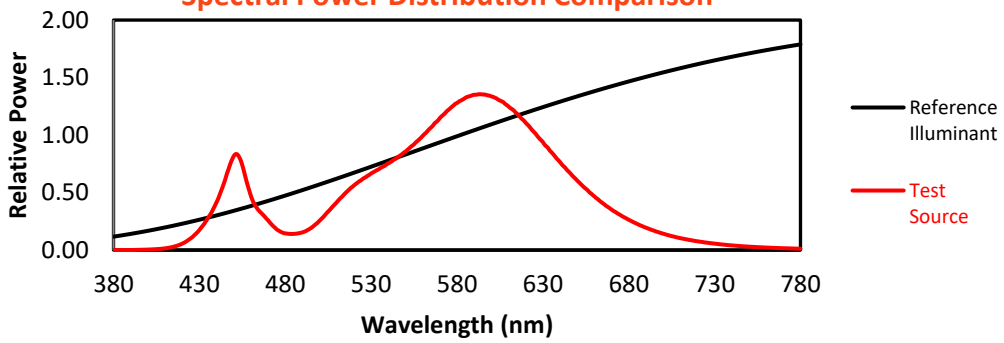
TM-30-18

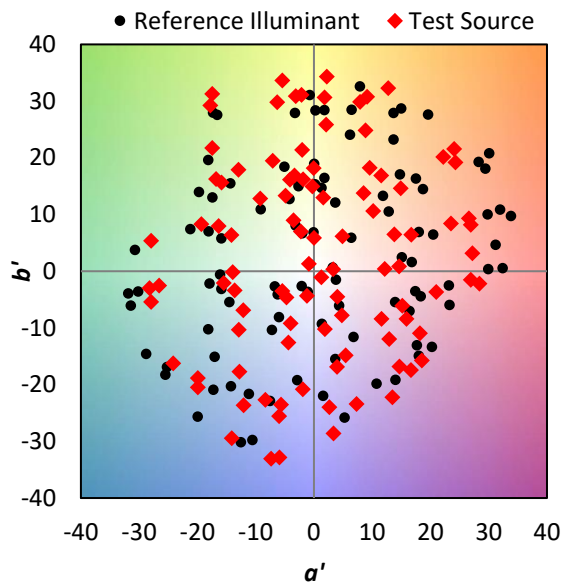
Summary

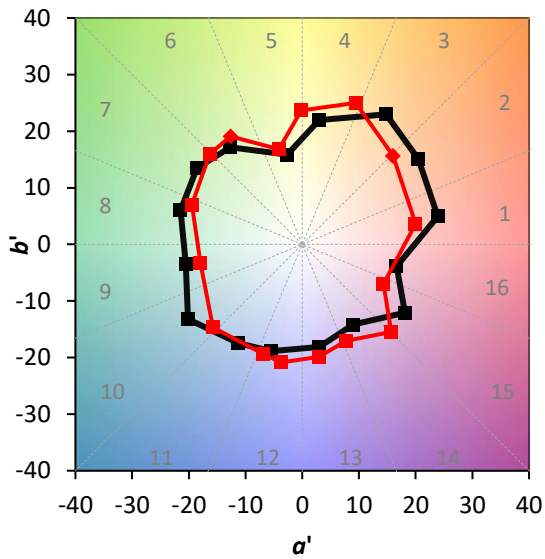
R_f = 74.7
R_g = 94.2
CIE R_a = 71.7
R_9 = -33.9

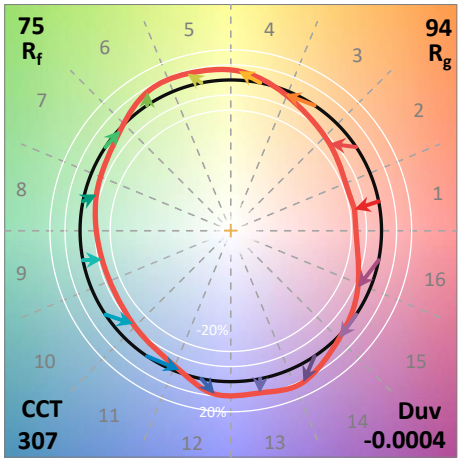
Spectral Power Distribution Comparison

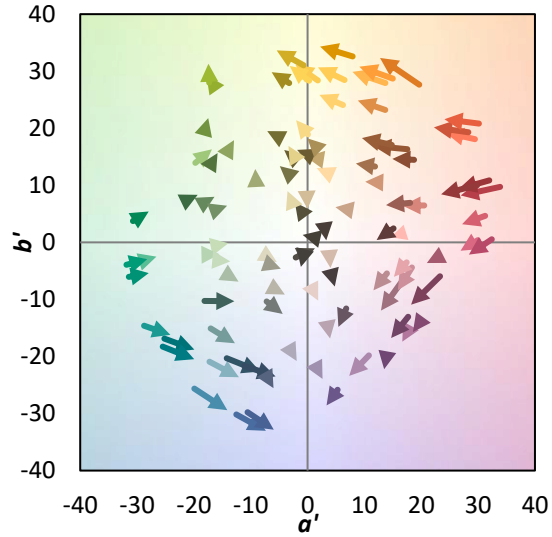


Color Vector Graphics



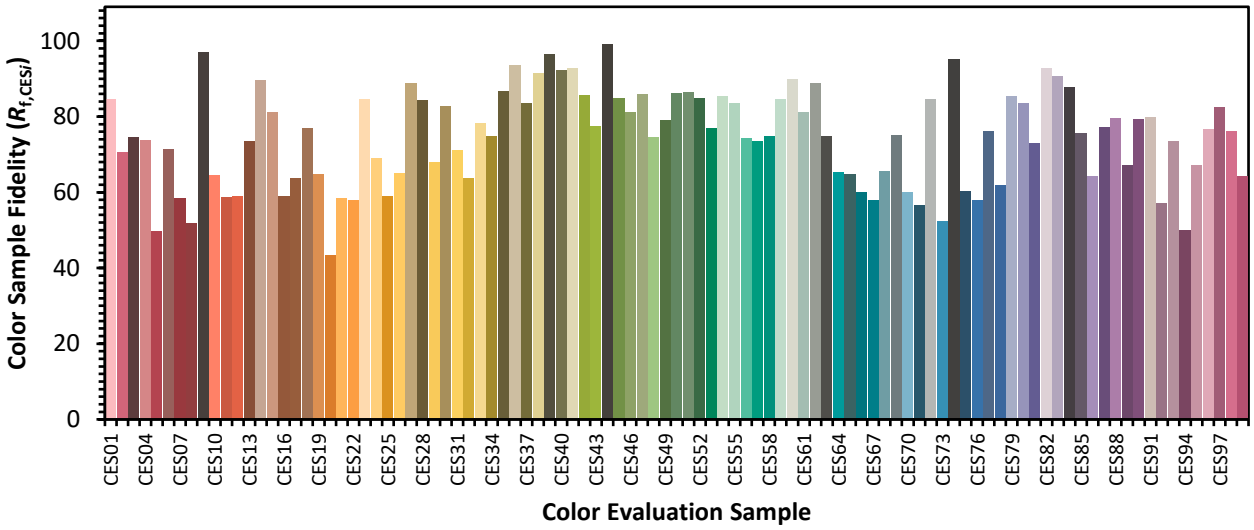




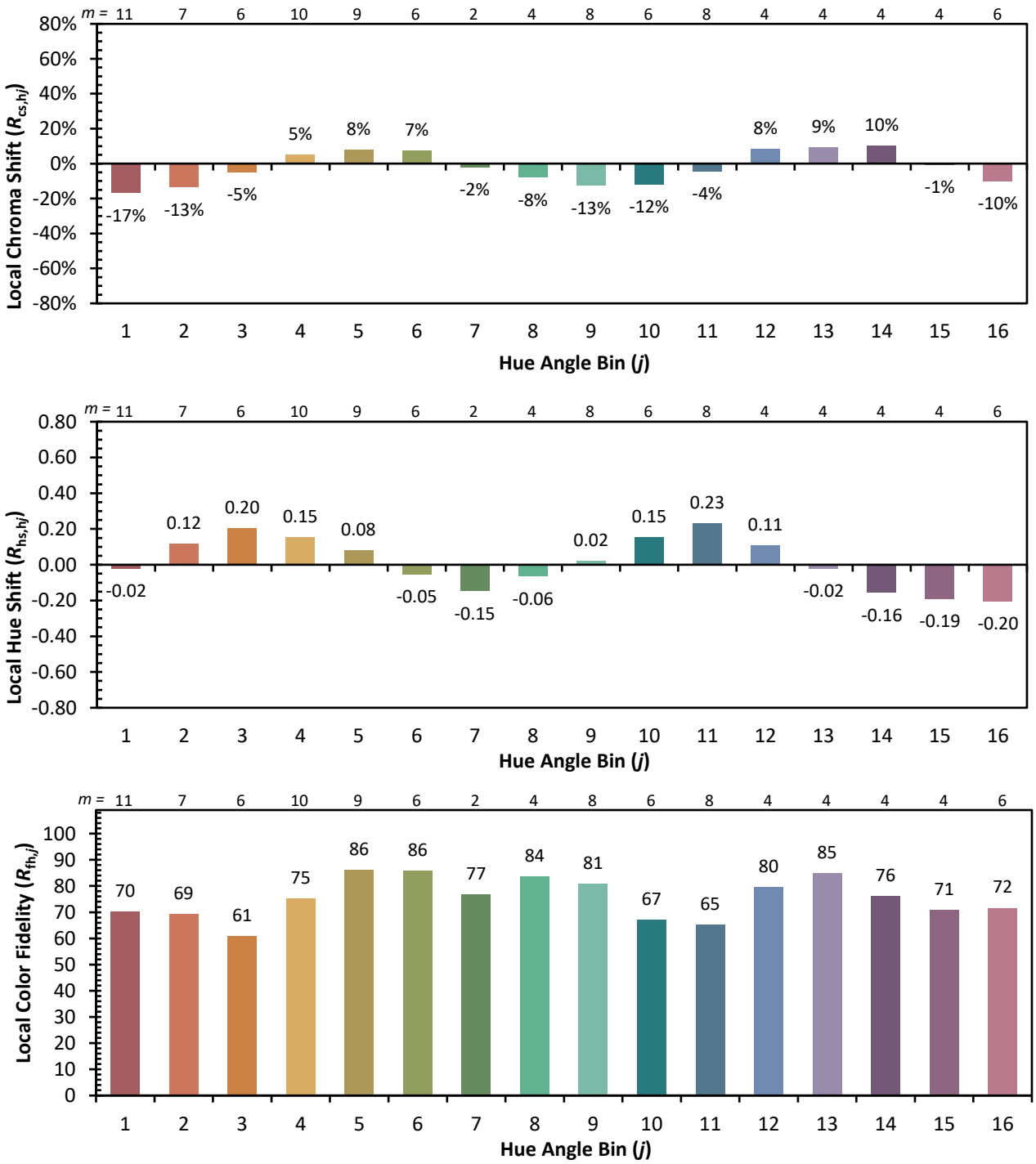


Individual Sample Fidelity Index ($R_{f,i}$)

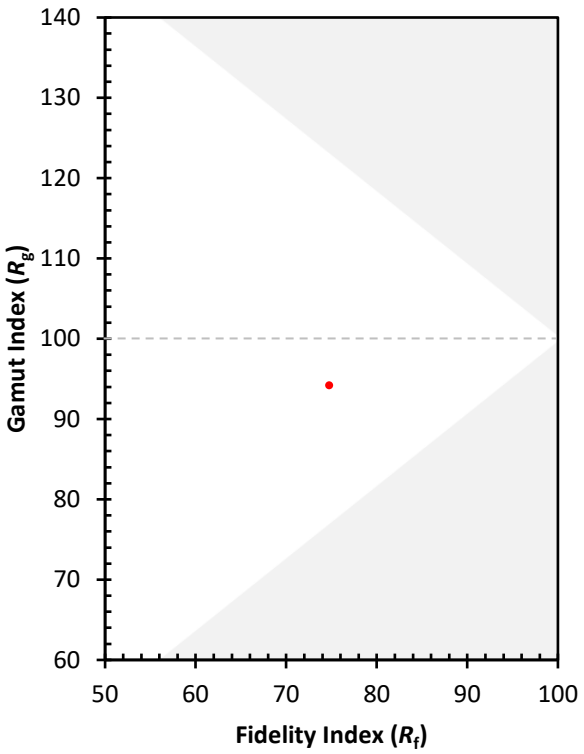
CES01 = 86	CES26 = 65	CES51 = 86	CES76 = 58
CES02 = 62	CES27 = 89	CES52 = 85	CES77 = 76
CES03 = 31	CES28 = 84	CES53 = 77	CES78 = 62
CES04 = 71	CES29 = 68	CES54 = 85	CES79 = 85
CES05 = 49	CES30 = 83	CES55 = 84	CES80 = 84
CES06 = 51	CES31 = 71	CES56 = 74	CES81 = 73
CES07 = 41	CES32 = 64	CES57 = 74	CES82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

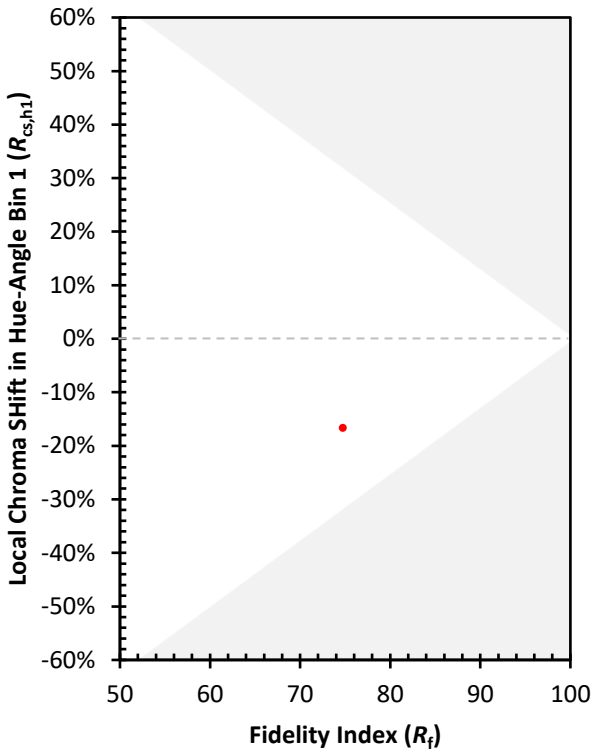


Color Rendition by Hue-Angle Bin



Measure Comparisons





(END OF REPORT)