

Signify Classified - Internal
Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: P972388

Luminaire Tested: **GKO-PB2D-750-U-T2U**

Issue Date: 02/27/2025

Test Information

Test Method: LM-79-08
Report Number: P972388
Test Lab: INNOVATION CENTER(G1)
Issue Date: 02/27/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB2D-750-U-T2U
Description: GEKKO WALL PACK 10000LM PACKAGE 70CRI 5000K FIXTURE w/ TYPE II
URBAN DISTRIBUTION OPTIC
Light Source: (20) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10401.9 lumens
Efficiency: N/A
Efficacy: 136.5 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): 76.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): 8%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

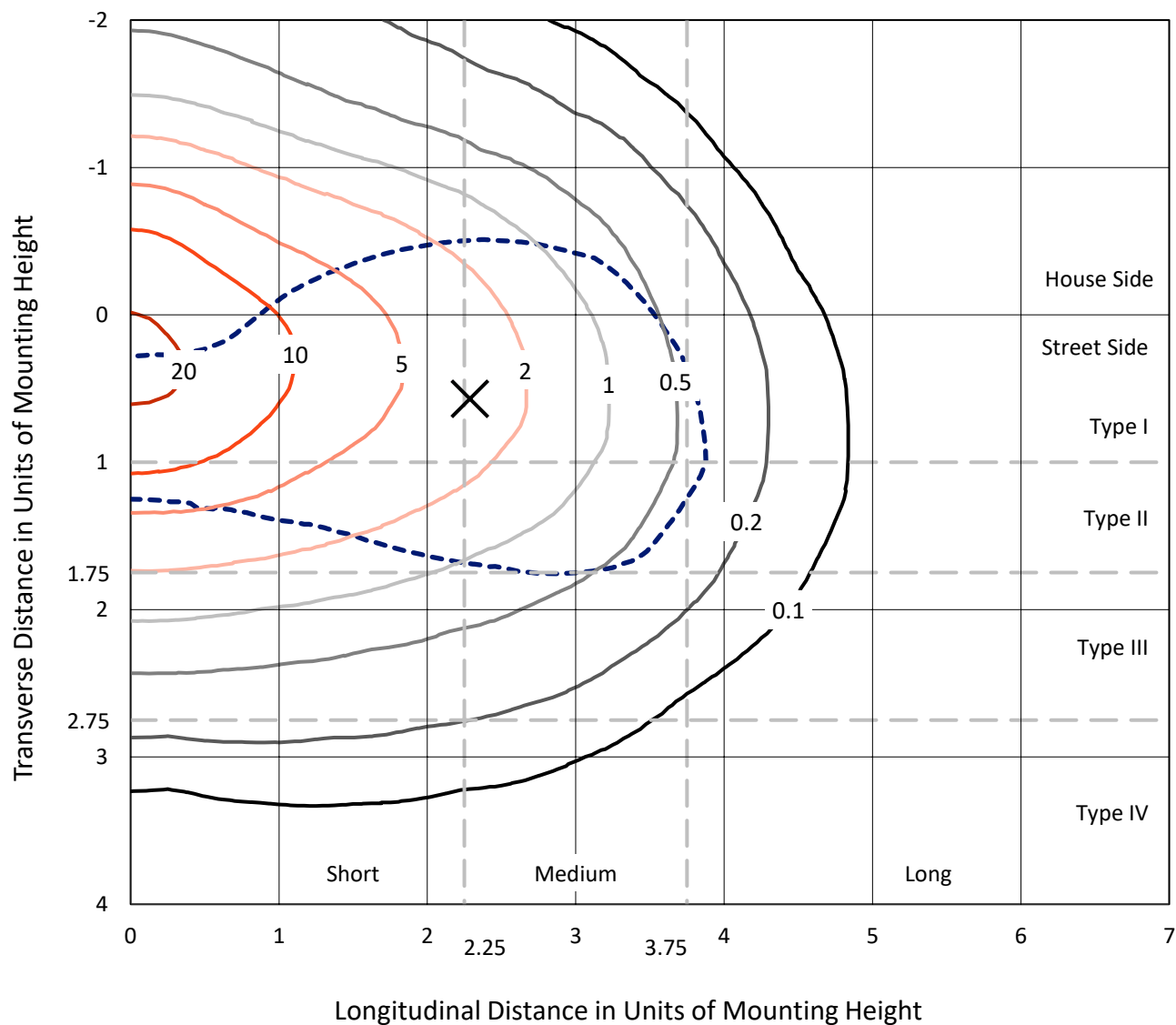
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

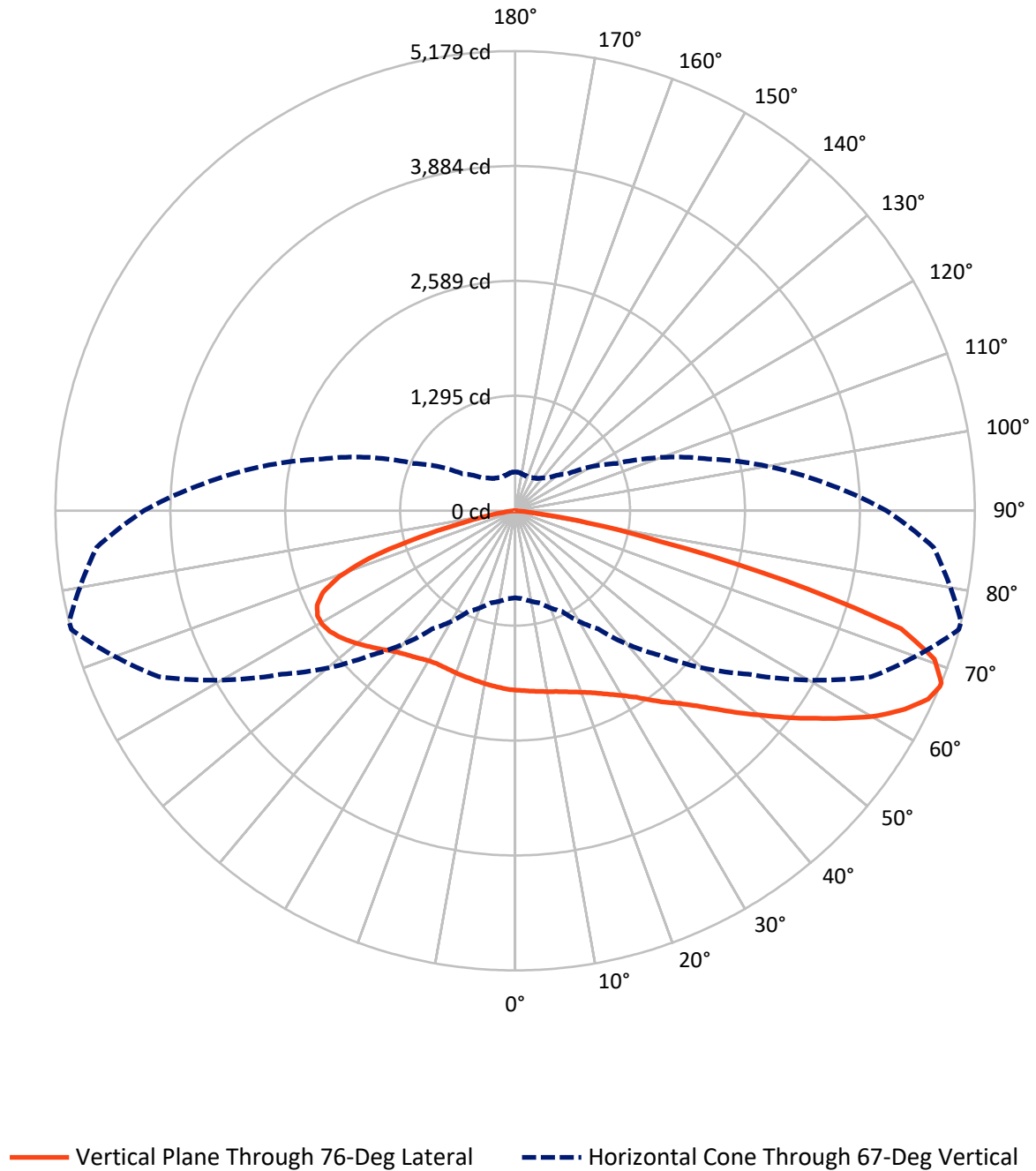


Based on 10 foot mounting height. Maximum calculated value = 22.8 fc
 Type II - Medium - N/A

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Luminous Intensity Polar Plot



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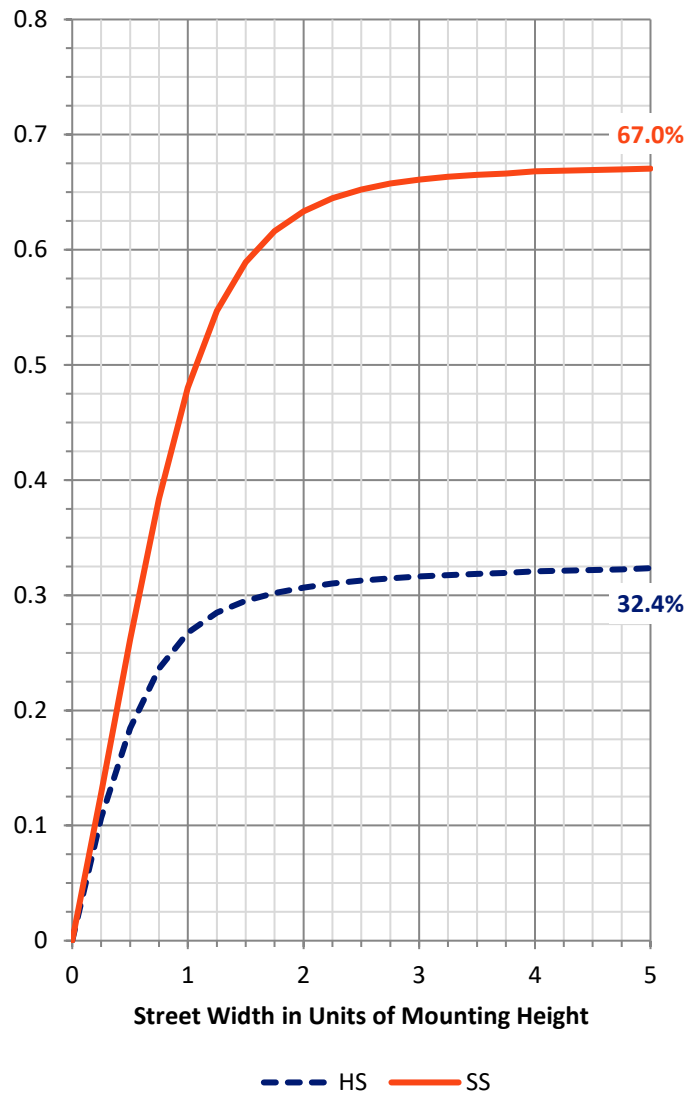
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	3431.7	0.0	3431.7
	% Fixture	33.0	0.0	33.0
Street Side	Lumens	6970.1	0.0	6970.1
	% Fixture	67.0	0.0	67.0
Total	Lumens	10401.9	0.0	10401.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	194.4	1.9
10°-20°	594.6	5.7
20°-30°	1023.0	9.8
30°-40°	1470.0	14.1
40°-50°	1864.2	17.9
50°-60°	2047.1	19.7
60°-70°	1985.3	19.1
70°-80°	1096.1	10.5
80°-90°	127.1	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°	10401.9	100.0
0°-180°	10401.9	100.0



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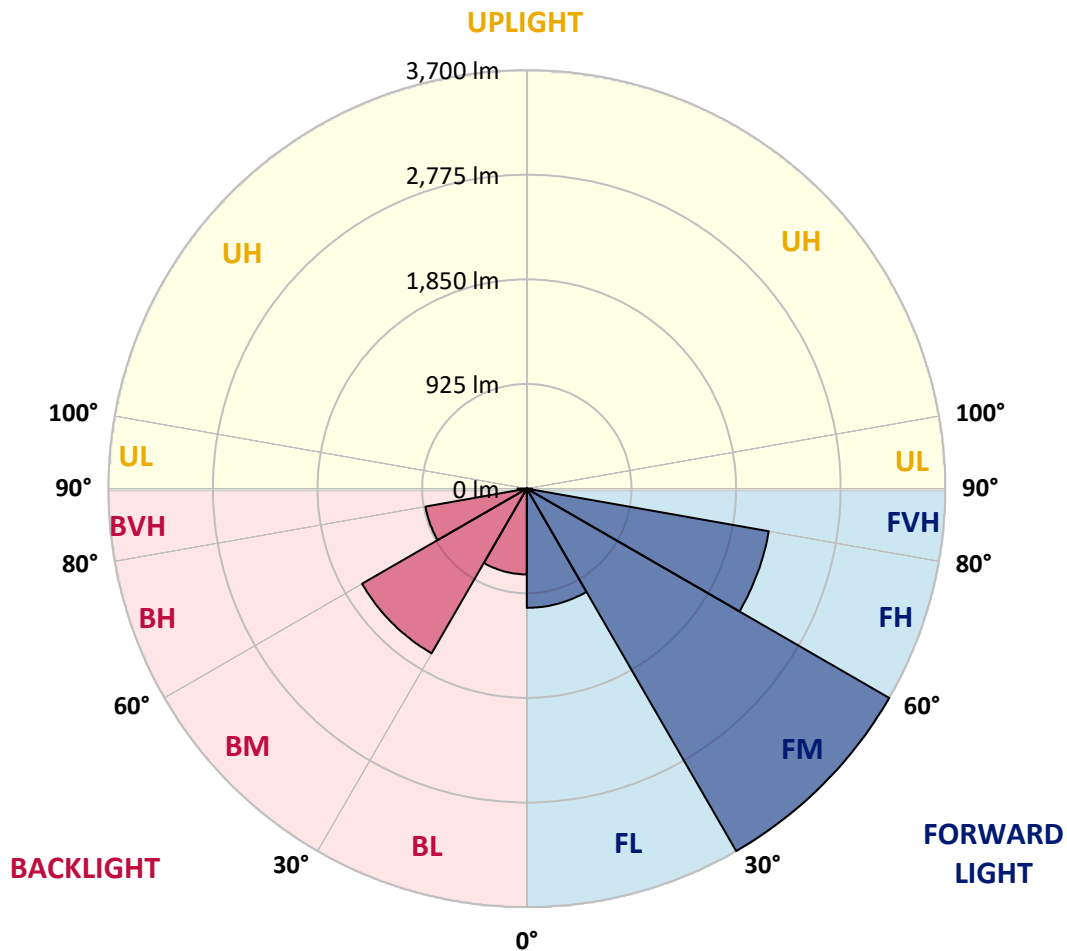
CATALOG NUMBER: GKO-PB2D-750-U-T2U

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1053.7	10.1			
FM	(30°-60°)	3699.7	35.6			
FH	(60°-80°)	2171.8	20.9			G2/5000
FVH	(80°-90°)	44.9	0.4			G1/100
BL	(0°-30°)	758.2	7.3	B2/1000		
BM	(30°-60°)	1681.6	16.2	B2/2500		
BH	(60°-80°)	909.7	8.7	B2/1000		G2/1000
BVH	(80°-90°)	82.2	0.8			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°	76°	85°
0°	2022.0	2022.0	2022.0	2022.0	2022.0	2022.0	2022.0	2022.0	2022.0	2022.0	2022.0
2.5°	2082.4	2080.3	2078.3	2078.3	2070.3	2062.2	2054.2	2048.2	2032.1	2030.1	2022.0
5°	2144.7	2144.7	2138.7	2136.7	2124.6	2104.5	2086.4	2068.3	2046.1	2042.1	2024.0
7.5°	2225.2	2225.2	2215.2	2207.1	2189.0	2156.8	2124.6	2092.4	2060.2	2056.2	2028.0
10°	2327.8	2327.8	2319.8	2301.7	2263.4	2221.2	2168.9	2118.6	2076.3	2072.3	2032.1
12.5°	2434.5	2436.5	2424.4	2398.2	2352.0	2287.6	2223.2	2150.8	2096.4	2090.4	2040.1
15°	2543.1	2545.1	2537.1	2508.9	2446.5	2368.1	2281.5	2195.0	2122.6	2116.6	2052.2
17.5°	2649.7	2653.8	2645.7	2613.5	2541.1	2456.6	2350.0	2241.3	2154.8	2146.7	2072.3
20°	2750.3	2750.3	2750.3	2714.1	2643.7	2547.1	2424.4	2297.6	2191.0	2183.0	2096.4
22.5°	2840.9	2844.9	2850.9	2830.8	2750.3	2643.7	2510.9	2360.0	2237.3	2227.2	2126.6
25°	2931.4	2933.4	2949.5	2935.4	2857.0	2746.3	2603.5	2438.5	2293.6	2283.6	2162.8
27.5°	3036.0	3042.1	3052.1	3046.1	2957.6	2848.9	2706.1	2525.0	2356.0	2345.9	2207.1
30°	3158.8	3158.8	3164.8	3154.7	3066.2	2957.6	2808.7	2615.5	2434.5	2418.4	2261.4
32.5°	3259.3	3269.4	3265.4	3261.4	3168.8	3060.2	2913.3	2716.1	2525.0	2504.9	2335.9
35°	3353.9	3355.9	3353.9	3357.9	3265.4	3162.8	3024.0	2832.8	2625.6	2617.5	2430.4
37.5°	3408.2	3412.3	3422.3	3434.4	3351.9	3255.3	3134.6	2961.6	2750.3	2736.2	2543.1
40°	3434.4	3440.4	3494.7	3512.9	3424.3	3343.9	3251.3	3078.3	2871.0	2854.9	2655.8
42.5°	3474.6	3522.9	3551.1	3555.1	3478.7	3408.2	3351.9	3211.1	3019.9	3005.8	2806.7
45°	3341.8	3323.7	3398.2	3484.7	3480.7	3450.5	3448.5	3359.9	3203.0	3188.9	2977.7
47.5°	3174.8	3160.8	3201.0	3327.8	3418.3	3468.6	3543.0	3535.0	3424.3	3404.2	3176.9
50°	2776.5	2800.6	2997.8	3170.8	3327.8	3474.6	3623.5	3718.1	3639.6	3623.5	3388.1
52.5°	2404.3	2420.4	2555.2	2967.6	3211.1	3456.5	3693.9	3911.2	3891.1	3873.0	3619.5
55°	2142.7	2158.8	2374.1	2637.7	3038.0	3364.0	3740.2	4094.3	4146.6	4128.5	3864.9
57.5°	1869.1	1895.3	2042.1	2273.5	2806.7	3211.1	3756.3	4279.4	4424.3	4408.2	4100.3
60°	1605.5	1641.7	1728.3	1979.8	2521.0	3030.0	3714.0	4428.3	4691.9	4691.9	4343.8
62.5°	1362.1	1382.2	1472.7	1700.1	2158.8	2798.6	3607.4	4522.8	4937.3	4927.3	4557.1
65°	1160.9	1171.0	1243.4	1438.5	1855.0	2543.1	3422.3	4516.8	5112.3	5114.4	4697.9
67°	979.8	995.9	1076.4	1253.4	1623.6	2301.7	3209.1	4426.3	5174.7	5178.7	4732.1
67.5°	917.4	935.6	1024.1	1207.2	1575.4	2235.3	3158.8	4388.0	5170.7	5178.7	4722.0
70°	631.8	635.8	784.7	993.9	1295.7	1883.2	2810.7	4122.5	5017.8	5011.8	4502.7
72.5°	402.4	396.4	539.2	726.3	1042.2	1525.1	2372.1	3657.7	4553.0	4547.0	3969.6
75°	267.6	273.6	364.2	519.1	732.3	1179.0	1849.0	2760.4	3162.8	3138.6	2619.6
77.5°	191.1	187.1	225.3	374.2	490.9	716.3	1004.0	1468.7	1680.0	1680.0	1438.5
80°	104.6	106.6	122.7	207.2	277.6	279.7	376.2	736.4	820.9	839.0	698.1
82.5°	30.2	32.2	44.3	70.4	76.5	84.5	130.8	211.3	221.3	233.4	189.1
85°	0.0	0.0	0.0	2.0	8.0	10.1	10.1	12.1	20.1	20.1	22.1
87.5°	0.0	0.0	0.0	0.0	0.0	2.0	2.0	4.0	8.0	8.0	10.1
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: GKO-PB2D-750-U-T2U

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2022.0	2022.0	2022.0	2022.0	2022.0	2022.0	2022.0	2022.0	2022.0	2022.0	2022.0
2.5°	2020.0	2022.0	2014.0	2003.9	1995.8	1991.8	1979.8	1969.7	1975.7	1981.8	1981.8
5°	2018.0	2016.0	1999.9	1981.8	1969.7	1961.6	1941.5	1927.4	1929.5	1935.5	1933.5
7.5°	2018.0	2009.9	1987.8	1961.6	1941.5	1925.4	1899.3	1883.2	1881.2	1885.2	1881.2
10°	2020.0	2005.9	1975.7	1939.5	1911.3	1887.2	1855.0	1836.9	1830.9	1832.9	1828.9
12.5°	2024.0	2001.9	1963.7	1917.4	1881.2	1849.0	1812.8	1790.6	1786.6	1790.6	1790.6
15°	2030.1	2001.9	1953.6	1897.3	1849.0	1812.8	1776.5	1756.4	1756.4	1758.4	1758.4
17.5°	2042.1	2007.9	1945.5	1875.1	1816.8	1776.5	1744.4	1730.3	1732.3	1738.3	1738.3
20°	2054.2	2016.0	1937.5	1853.0	1788.6	1742.3	1716.2	1706.1	1714.2	1722.2	1722.2
22.5°	2072.3	2026.0	1929.5	1832.9	1756.4	1710.2	1688.0	1680.0	1688.0	1698.1	1694.1
25°	2100.5	2044.1	1923.4	1814.8	1726.2	1675.9	1653.8	1645.8	1649.8	1657.8	1657.8
27.5°	2132.7	2066.3	1921.4	1792.6	1690.0	1635.7	1609.6	1597.5	1597.5	1599.5	1601.5
30°	2187.0	2104.5	1929.5	1776.5	1657.8	1593.5	1559.3	1541.1	1539.1	1547.2	1547.2
32.5°	2251.4	2156.8	1949.6	1762.5	1625.7	1543.2	1496.9	1482.8	1478.8	1484.8	1478.8
35°	2323.8	2215.2	1975.7	1760.5	1593.5	1488.8	1436.5	1420.4	1408.4	1404.3	1400.3
37.5°	2426.4	2295.6	2001.9	1750.4	1561.3	1430.5	1374.2	1340.0	1325.9	1321.8	1321.8
40°	2527.0	2374.1	2034.1	1734.3	1523.0	1372.1	1291.7	1253.4	1247.4	1247.4	1247.4
42.5°	2653.8	2476.7	2078.3	1724.2	1476.8	1313.8	1203.1	1158.9	1158.9	1158.9	1156.9
45°	2810.7	2611.5	2134.7	1720.2	1432.5	1243.4	1108.6	1050.2	1048.2	1046.2	1044.2
47.5°	2993.8	2752.3	2189.0	1710.2	1380.2	1158.9	999.9	935.6	921.5	917.4	911.4
50°	3182.9	2905.2	2247.3	1696.1	1317.8	1060.3	897.3	822.9	792.7	782.6	786.7
52.5°	3384.1	3054.1	2303.7	1675.9	1243.4	961.7	792.7	714.2	684.1	672.0	670.0
55°	3581.3	3205.0	2356.0	1649.8	1162.9	861.1	704.2	627.7	601.6	597.5	597.5
57.5°	3780.4	3349.9	2396.2	1611.6	1074.4	772.6	627.7	565.4	547.2	555.3	555.3
60°	3961.5	3476.6	2416.3	1559.3	985.9	692.1	567.4	521.1	513.0	533.2	531.2
62.5°	4124.5	3561.1	2406.3	1482.8	899.3	623.7	521.1	486.9	488.9	513.0	515.1
65°	4203.0	3575.2	2347.9	1378.2	802.8	565.4	472.8	440.6	444.6	470.8	476.8
67°	4184.8	3520.9	2251.4	1259.5	724.3	521.1	442.6	410.4	412.4	434.6	436.6
67.5°	4164.7	3494.7	2225.2	1223.3	704.2	513.0	434.6	404.4	408.4	428.5	428.5
70°	3897.1	3229.2	1983.8	1038.2	609.6	456.7	396.4	376.2	380.3	392.3	392.3
72.5°	3406.2	2796.6	1605.5	832.9	517.1	404.4	358.1	346.1	346.1	346.1	336.0
75°	2172.9	1752.4	1050.2	637.8	426.5	346.1	321.9	307.8	299.8	311.9	307.8
77.5°	1201.1	915.4	547.2	366.2	307.8	287.7	279.7	273.6	271.6	299.8	291.7
80°	569.4	452.7	307.8	209.2	177.1	213.3	241.4	237.4	283.7	388.3	390.3
82.5°	181.1	148.9	124.7	114.7	118.7	152.9	187.1	215.3	368.2	416.5	410.4
85°	22.1	20.1	14.1	46.3	78.5	112.7	144.9	279.7	338.0	281.7	265.6
87.5°	8.0	8.0	8.0	32.2	60.4	86.5	130.8	281.7	207.2	189.1	173.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

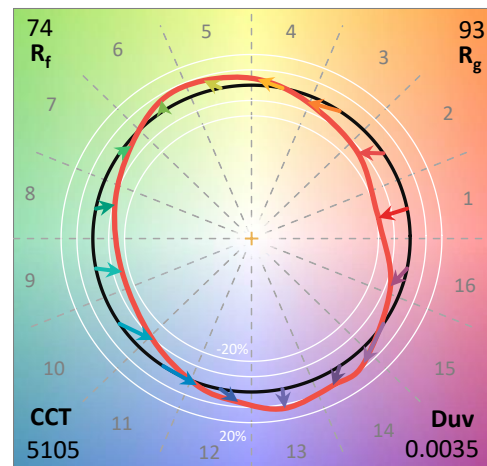
Data in this report applies to families of products including GKO-PB1E-750-U-T4W

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

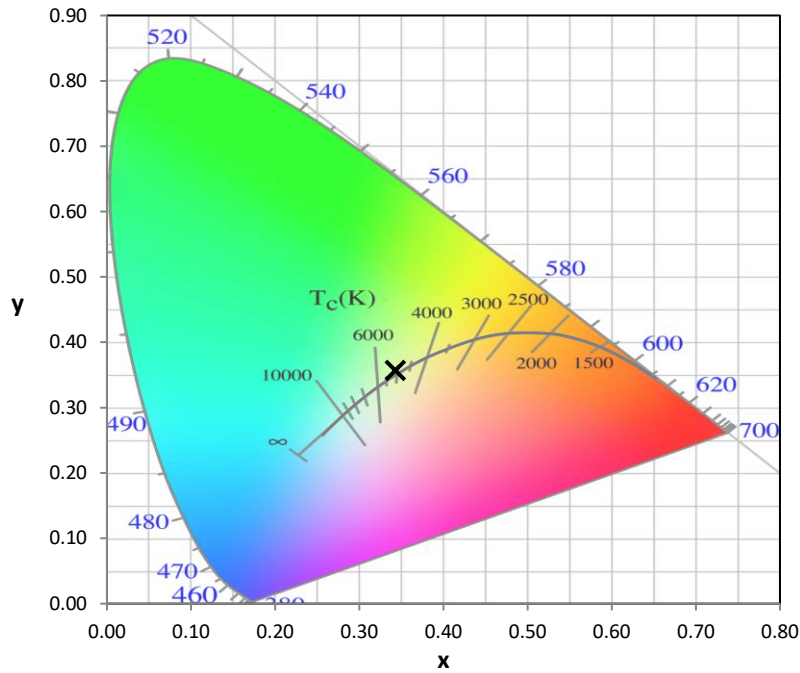
Stabilization Time: 30M
 Operation Time: 1H 30M
 Sphere Temperature (°C): 25.0

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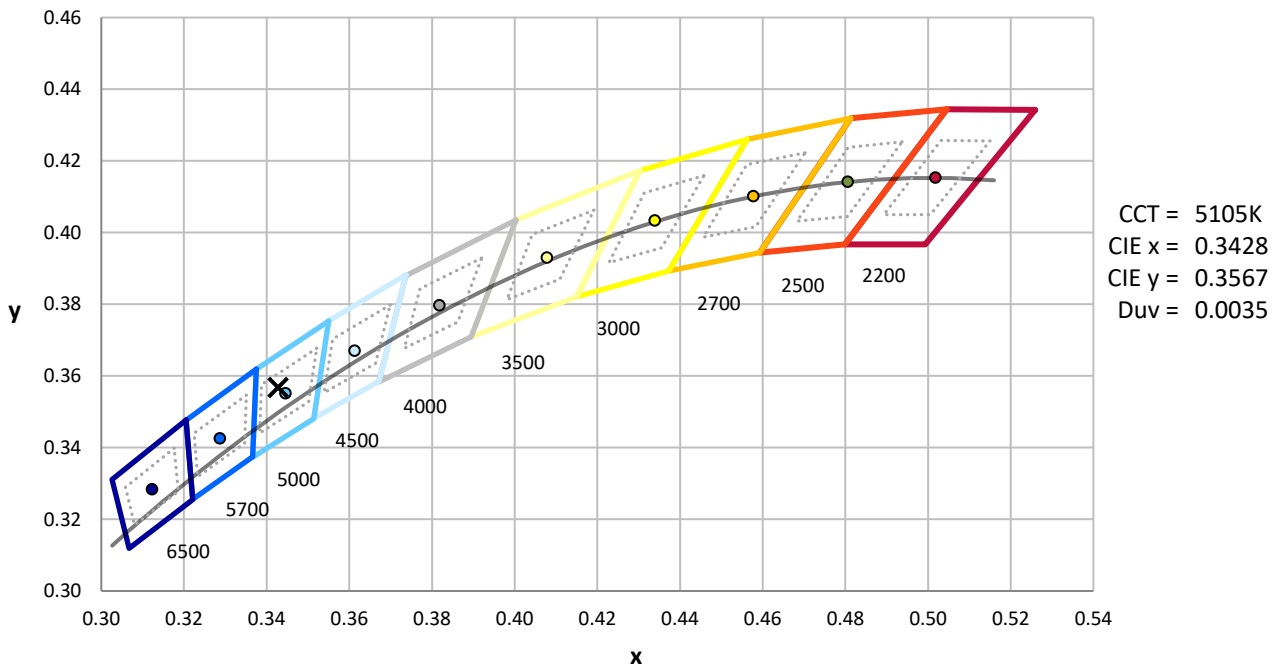
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN2187	1/6/2025	7/6/2025
Power Meter	INXT2011002	1/21/2025	1/21/2026
AC Power Source	IN0458	10/22/2024	10/22/2025
DC Power Source	IN0212	10/22/2024	10/22/2025
Sphere Thermometer	IN4036B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

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CIE 1931 Chromaticity Diagram



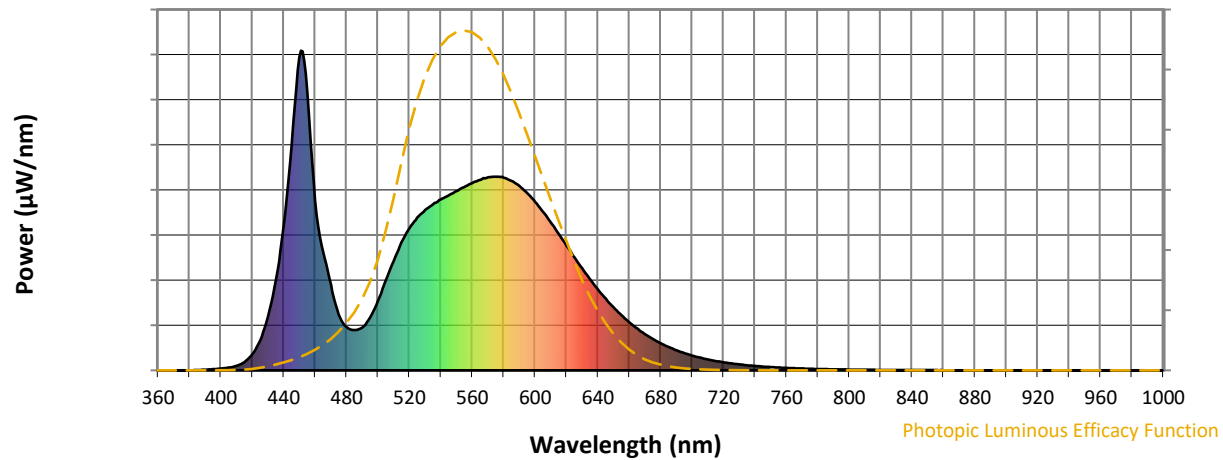
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 5000K 4-step quadrangle

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Photopic Flux vs. Wavelength

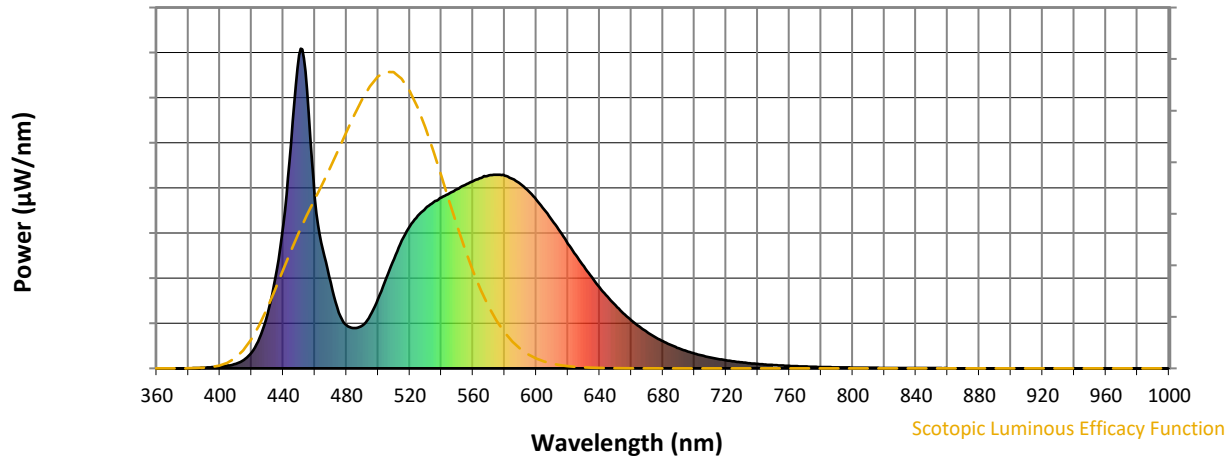


Photopic Lumens: NR

λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	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			

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Scotopic Flux vs. Wavelength



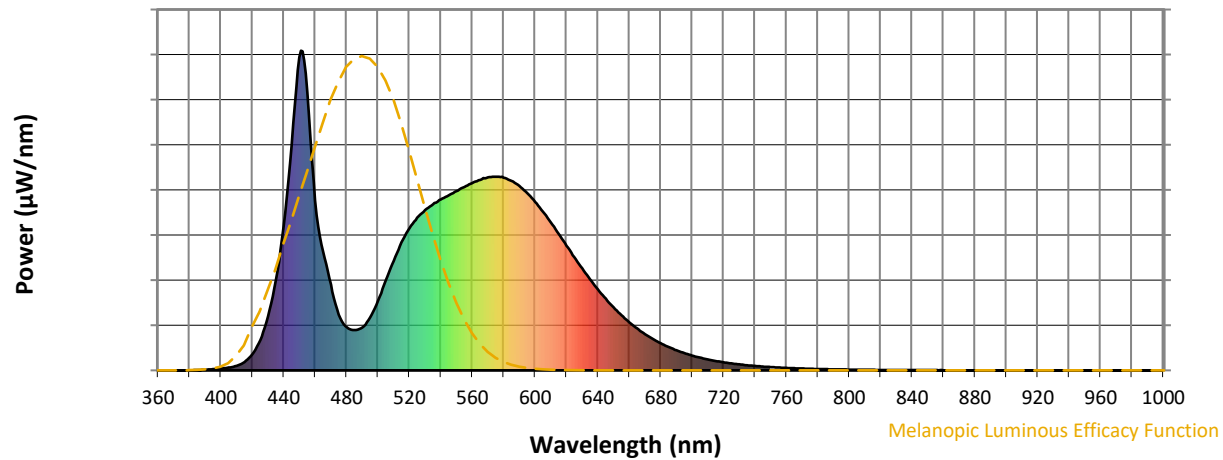
Scotopic Lumens: NR

S/P: 1.82

λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^\wedge/\text{nm}$	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			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.75

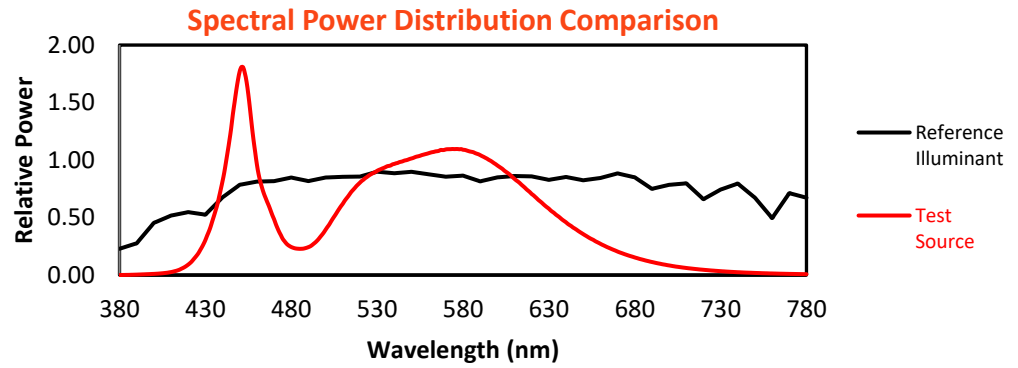
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	134	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			

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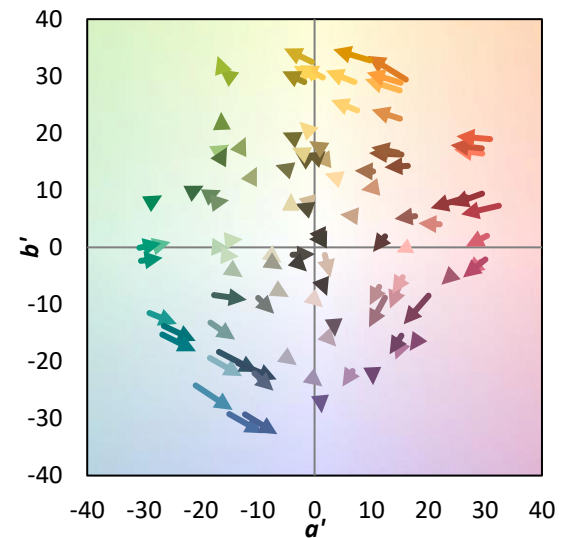
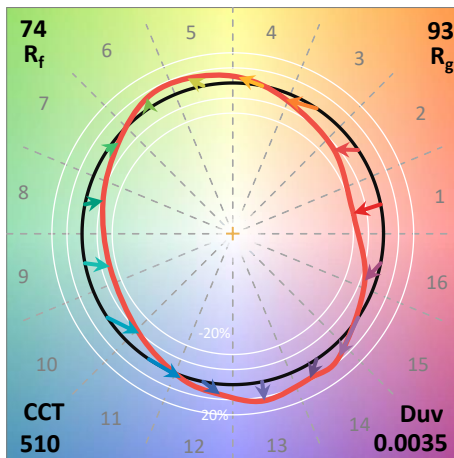
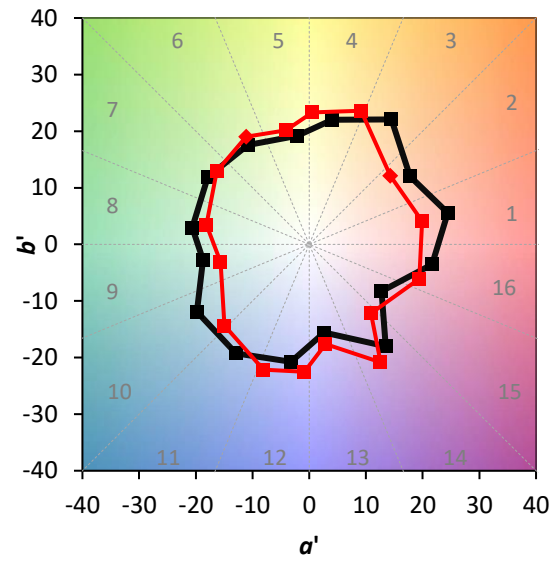
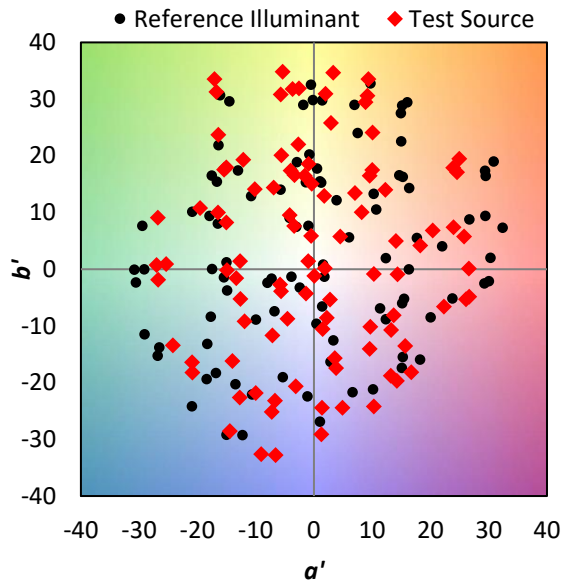
TM-30-18

Summary

$R_f = 74.2$
 $R_g = 92.7$
 $\text{CIE } R_a = 72.2$
 $R_g = -38.2$

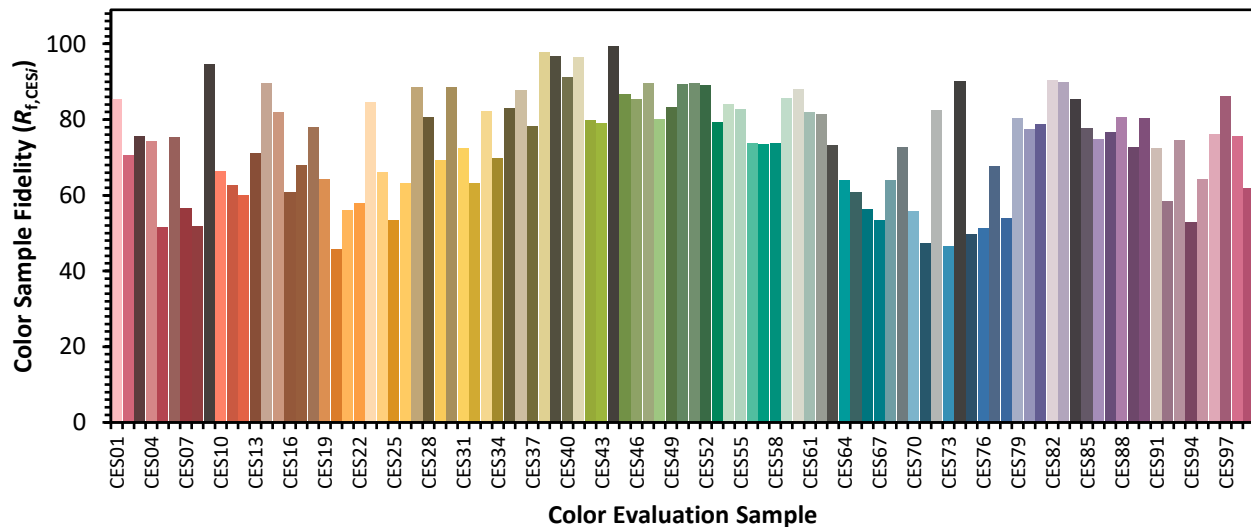


Color Vector Graphics

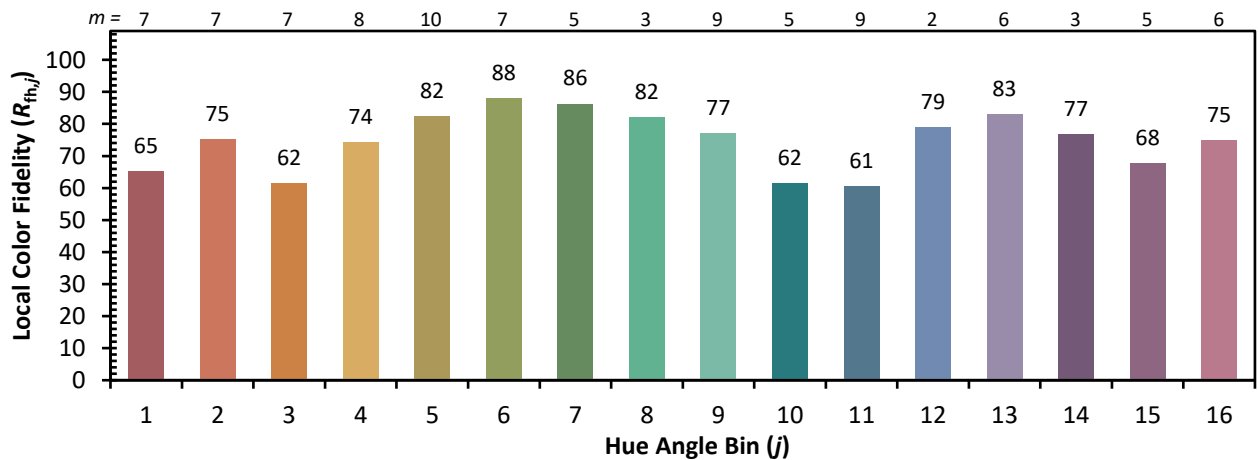
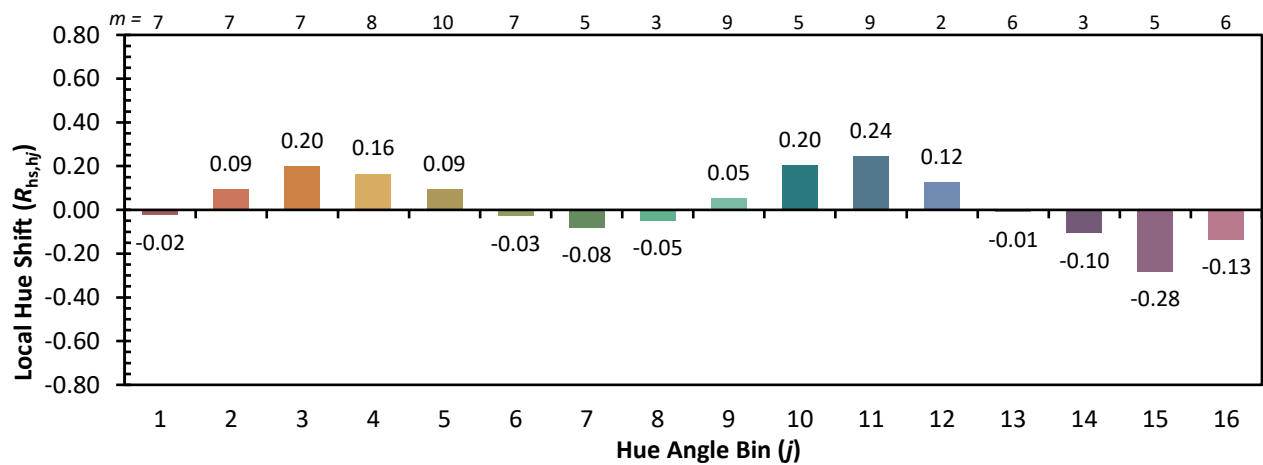
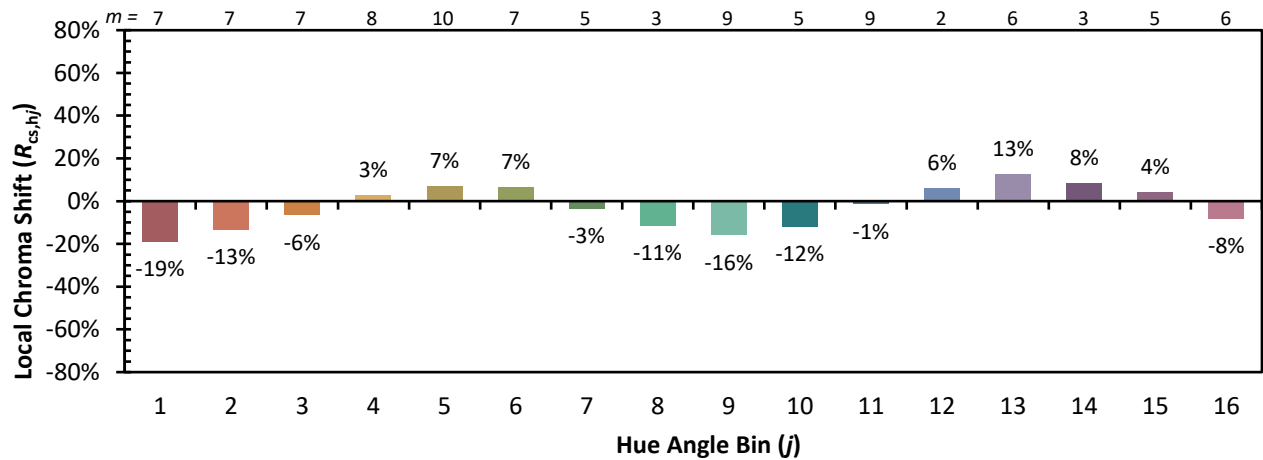


Individual Sample Fidelity Index ($R_{f,i}$)

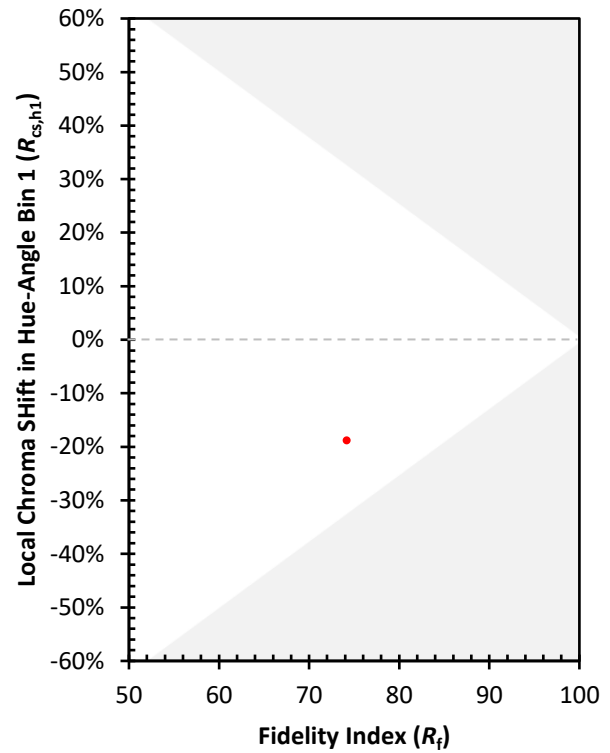
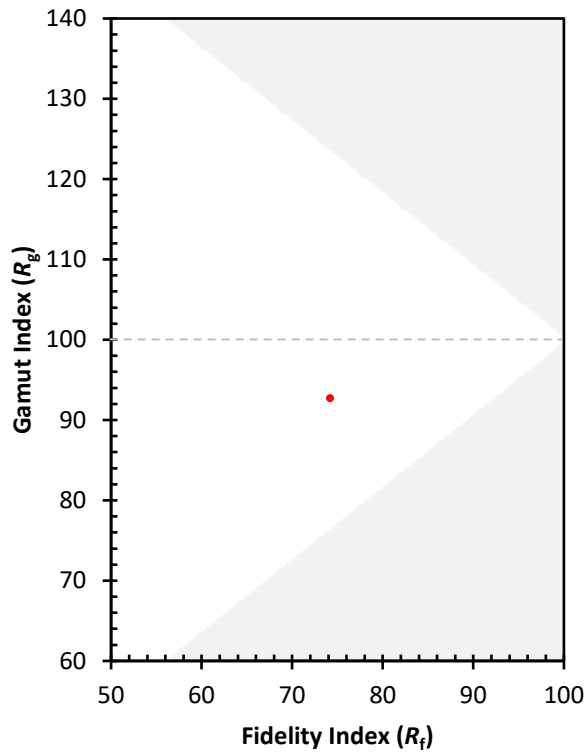
CES01 = 85	CES26 = 63	CES51 = 89	CES76 = 51
CES02 = 59	CES27 = 89	CES52 = 89	CES77 = 68
CES03 = 30	CES28 = 81	CES53 = 79	CES78 = 54
CES04 = 69	CES29 = 69	CES54 = 84	CES79 = 80
CES05 = 46	CES30 = 88	CES55 = 83	CES80 = 77
CES06 = 50	CES31 = 72	CES56 = 74	CES81 = 79
CES07 = 38	CES32 = 63	CES57 = 73	CES82 = 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)