

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: P972252

Luminaire Tested: **GKO-PB1E-727-U-T3**

Issue Date: 02/27/2025



Test Information

Test Method: LM-79-08
Report Number: P972252
Test Lab: INNOVATION CENTER(G1)
Issue Date: 02/27/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB1E-727-U-T3
Description: GEKKO WALL PACK 5000LM PACKAGE 70CRI 2700K FIXTURE w/ TYPE III
DISTRIBUTION OPTIC
Light Source: (10) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

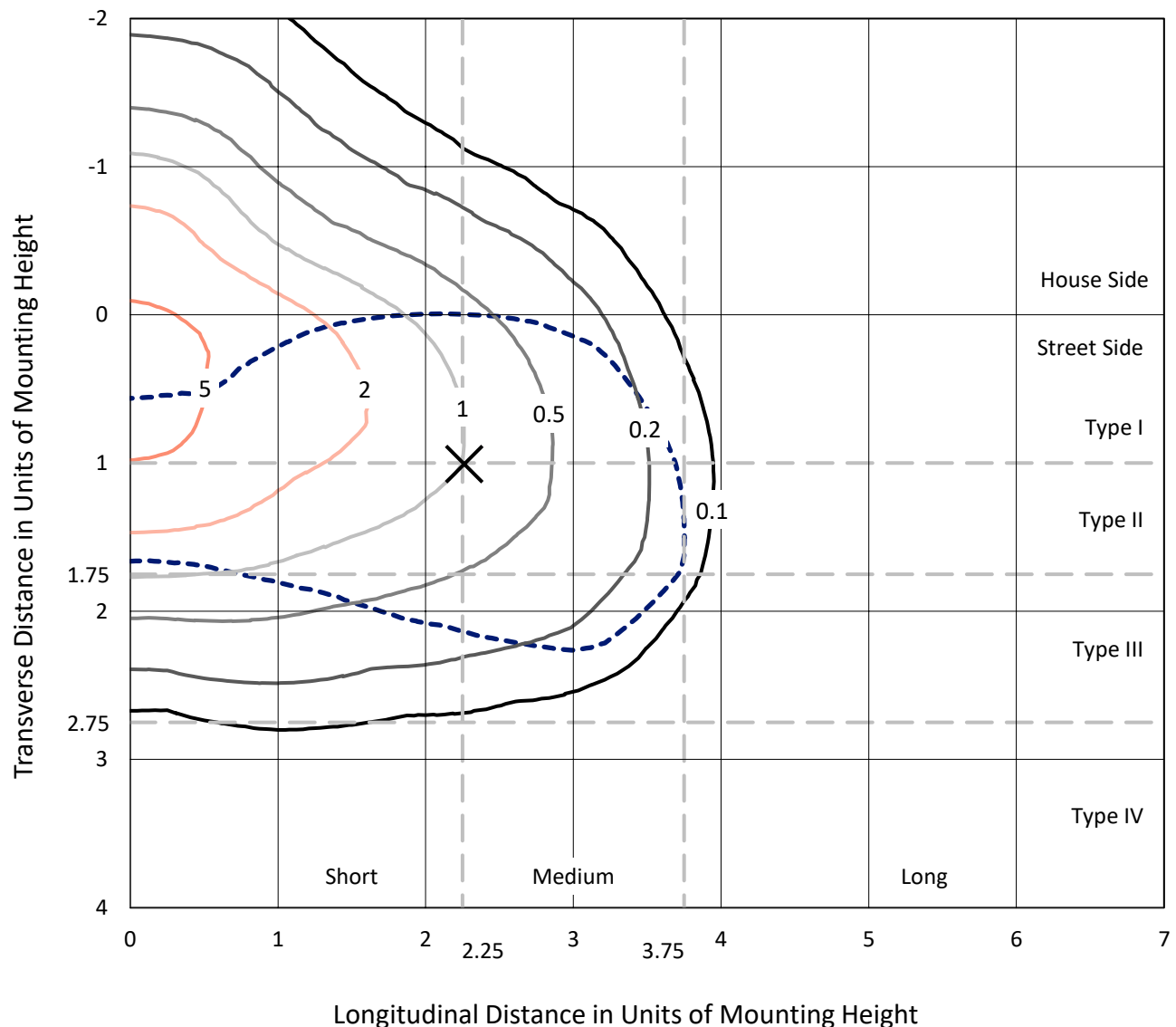
Lumens per Lamp: N/A
Luminaire Lumens: 4739.2 lumens
Efficiency: N/A
Efficacy: 122.5 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B1 - U0 - G1

Input Watts (W): 38.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): 9%
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

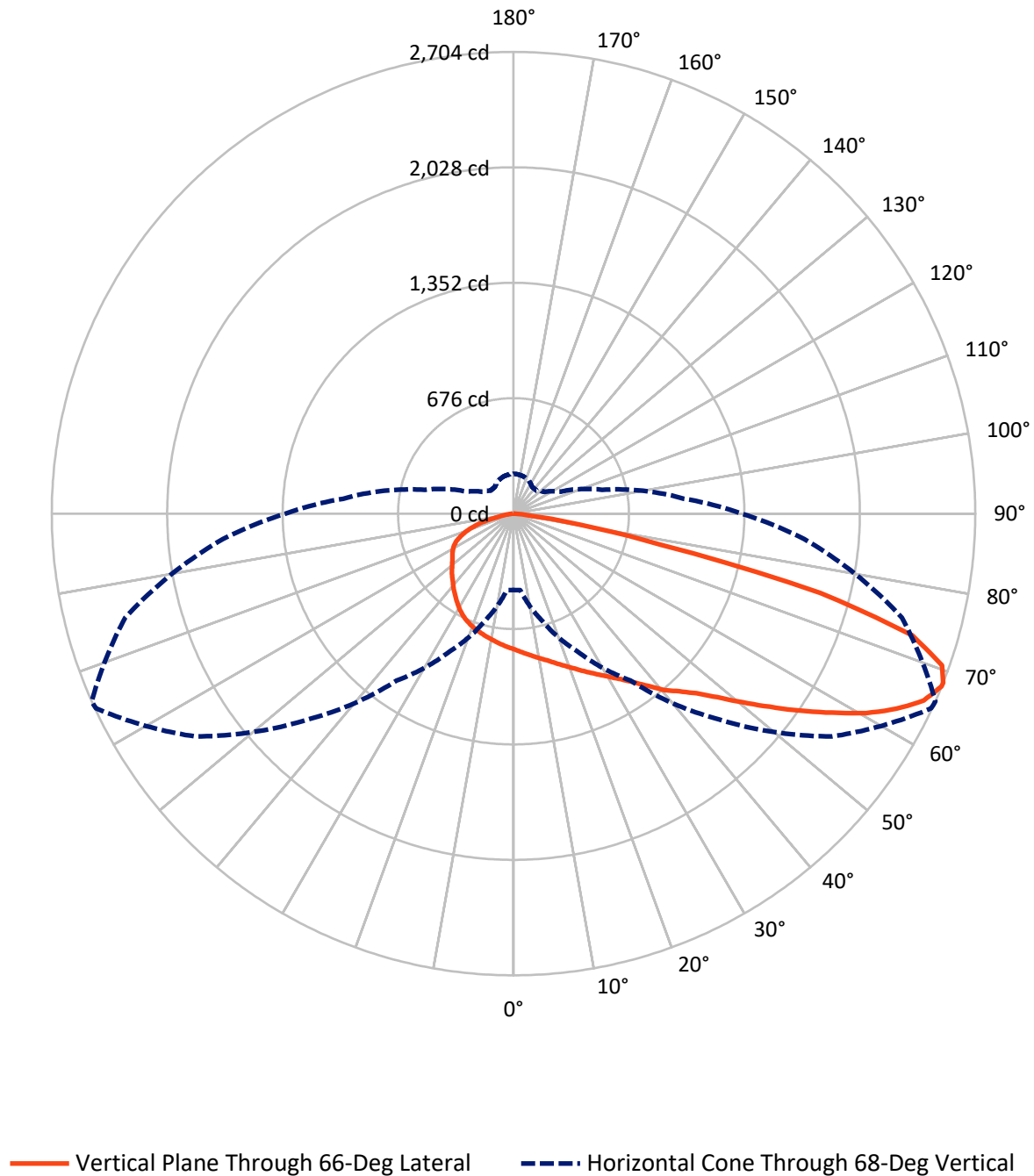
× Max cd
 - - - 1/2 Max cd



Based on 12 foot mounting height. Maximum calculated value = 6.4 fc
 Type III - Medium - N/A

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Luminous Intensity Polar Plot



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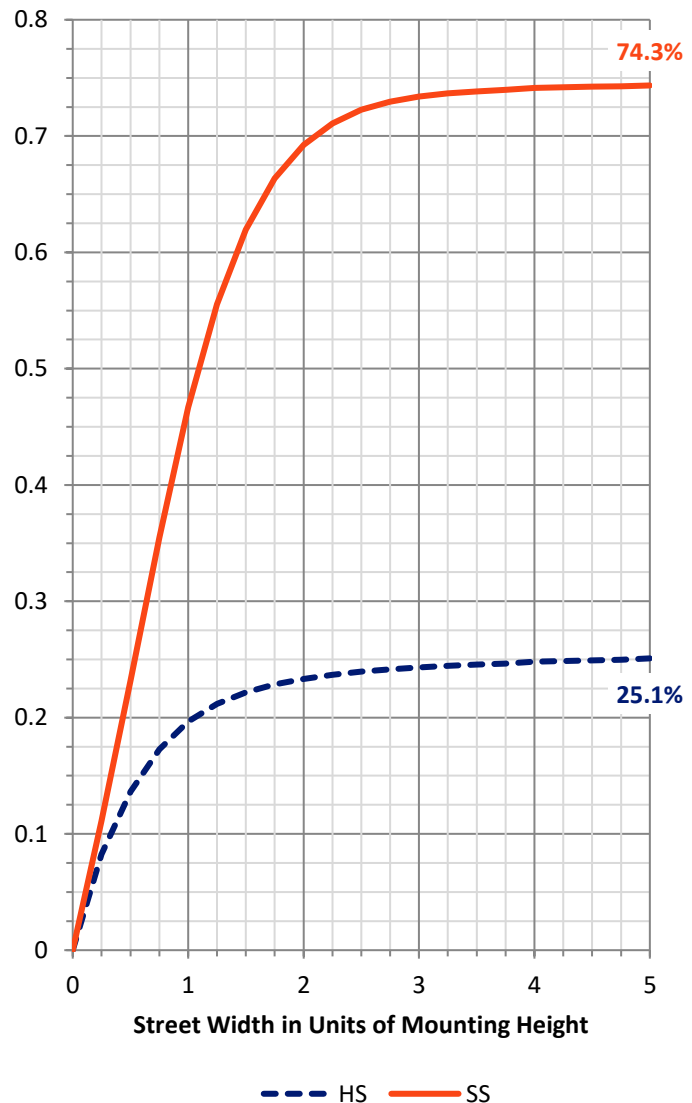
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1213.3	0.0	1213.3
	% Fixture	25.6	0.0	25.6
Street Side	Lumens	3525.9	0.0	3525.9
	% Fixture	74.4	0.0	74.4
Total	Lumens	4739.2	0.0	4739.2
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	76.2	1.6
10°-20°	229.2	4.8
20°-30°	395.0	8.3
30°-40°	612.7	12.9
40°-50°	839.3	17.7
50°-60°	1001.3	21.1
60°-70°	1003.3	21.2
70°-80°	530.9	11.2
80°-90°	51.2	1.1
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°	4739.2	100.0
0°-180°	4739.2	100.0



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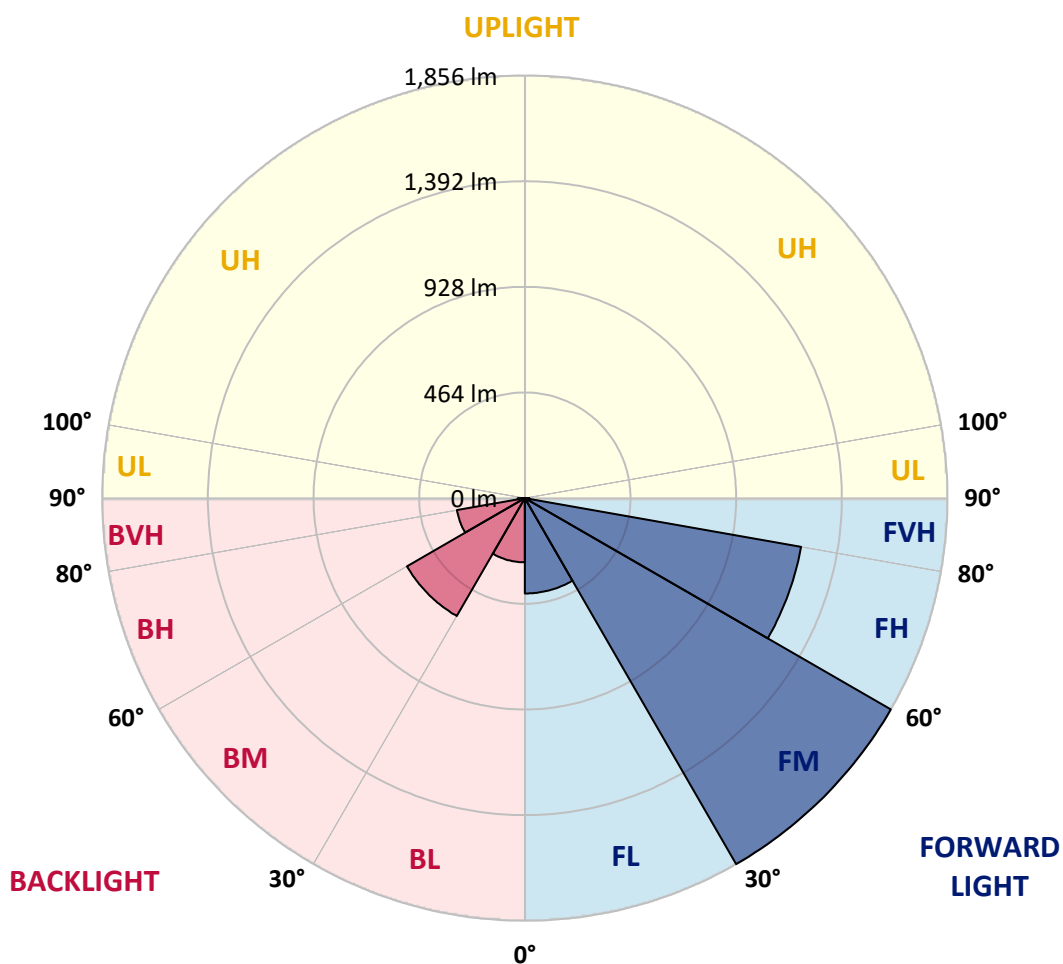
CATALOG NUMBER: GKO-PB1E-727-U-T3

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	418.6	8.8			
FM	(30°-60°)	1855.6	39.2			
FH	(60°-80°)	1231.5	26.0			G1/1800
FVH	(80°-90°)	20.1	0.4			G1/100
BL	(0°-30°)	281.8	5.9	B1/500		
BM	(30°-60°)	597.7	12.6	B1/1000		
BH	(60°-80°)	302.7	6.4	B1/500		G1/500
BVH	(80°-90°)	31.1	0.7			G1/100
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G1

Type III Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	66°	75°	85°
0°	794.9	794.9	794.9	794.9	794.9	794.9	794.9	794.9	794.9	794.9	794.9
2.5°	828.0	828.0	826.1	825.2	824.3	818.8	815.1	810.5	810.5	803.1	796.7
5°	856.5	857.4	853.7	853.7	850.1	842.7	835.3	826.1	826.1	815.1	802.2
7.5°	881.3	884.1	880.4	880.4	876.7	868.5	856.5	843.6	843.6	828.0	809.6
10°	905.3	907.1	905.3	907.1	901.6	894.2	880.4	862.9	862.0	842.7	816.9
12.5°	924.6	926.4	927.3	930.1	925.5	920.0	907.1	885.0	882.3	859.3	826.1
15°	943.0	944.8	947.6	951.3	950.3	945.7	933.8	908.9	907.1	877.7	838.1
17.5°	957.7	958.6	964.1	971.5	973.3	974.3	961.4	935.6	933.8	898.8	851.0
20°	978.9	980.7	986.2	993.6	999.1	1002.8	992.7	964.1	962.3	923.7	867.5
22.5°	1026.7	1023.9	1026.7	1026.7	1029.5	1035.0	1027.6	999.1	995.4	953.1	887.8
25°	1116.9	1114.1	1106.7	1090.2	1071.8	1070.9	1062.6	1035.0	1030.4	983.5	907.1
27.5°	1242.9	1236.5	1222.7	1187.7	1143.5	1115.0	1102.1	1073.6	1068.1	1013.8	925.5
30°	1376.3	1383.6	1360.6	1312.8	1231.9	1171.1	1146.3	1114.1	1109.5	1047.9	947.6
32.5°	1531.8	1532.7	1509.7	1443.4	1338.6	1242.0	1199.7	1160.1	1156.4	1087.4	977.0
35°	1621.9	1625.6	1615.5	1553.8	1434.2	1320.2	1264.0	1216.2	1213.5	1137.1	1013.8
37.5°	1715.8	1724.0	1708.4	1640.3	1506.9	1392.8	1335.8	1283.4	1280.6	1194.1	1059.8
40°	1854.7	1851.0	1834.4	1734.2	1575.0	1453.6	1406.6	1365.2	1358.8	1264.0	1106.7
42.5°	1955.0	1964.2	1928.3	1815.1	1649.5	1514.3	1477.5	1430.6	1422.3	1306.4	1134.3
45°	1989.0	1980.7	1941.2	1858.4	1747.0	1569.5	1544.6	1508.8	1500.5	1380.9	1188.6
47.5°	1996.4	1981.6	1946.7	1884.1	1829.8	1641.2	1626.5	1618.2	1606.3	1474.7	1253.9
50°	1951.3	1941.2	1924.6	1893.3	1883.2	1708.4	1715.8	1746.1	1736.0	1575.9	1326.6
52.5°	1849.2	1844.6	1859.3	1879.5	1852.8	1766.4	1821.6	1883.2	1879.5	1687.2	1404.8
55°	1656.9	1656.9	1739.7	1810.5	1826.2	1804.1	1935.6	2041.4	2036.8	1812.4	1479.3
57.5°	1481.2	1483.9	1552.9	1712.1	1778.3	1844.6	2062.6	2207.0	2199.7	1953.1	1557.5
60°	1259.4	1259.4	1364.3	1564.0	1709.3	1875.8	2174.8	2367.1	2371.7	2089.3	1634.8
62.5°	997.3	1000.0	1145.4	1380.0	1610.0	1881.4	2264.1	2518.0	2517.1	2212.5	1694.6
65°	735.1	736.0	933.8	1175.7	1460.9	1842.7	2312.8	2633.9	2639.4	2310.1	1729.6
67.5°	477.5	486.7	687.2	954.0	1250.2	1733.2	2287.1	2695.5	2702.0	2355.1	1718.5
68°	447.1	448.9	650.4	893.3	1193.2	1705.6	2275.1	2698.3	2703.8	2354.2	1707.5
70°	289.8	289.8	465.5	697.3	952.2	1533.6	2171.1	2655.1	2661.5	2313.7	1627.4
72.5°	156.4	159.2	265.9	422.3	650.4	1186.8	1959.6	2429.7	2440.7	2092.0	1423.2
75°	109.5	111.3	154.6	236.4	354.2	772.8	1531.8	1856.5	1854.7	1445.3	891.5
77.5°	79.1	79.1	88.3	147.2	185.8	353.3	758.1	894.2	884.1	705.6	449.9
80°	51.5	51.5	55.2	77.3	89.2	107.6	231.8	387.3	394.7	344.1	224.5
82.5°	21.2	22.1	23.9	31.3	32.2	45.1	66.2	111.3	107.6	87.4	63.5
85°	2.8	2.8	3.7	4.6	5.5	10.1	9.2	9.2	9.2	11.0	10.1
87.5°	0.0	0.0	0.0	0.0	0.0	0.9	1.8	2.8	2.8	3.7	2.8
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-PB1E-727-U-T3

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	794.9	794.9	794.9	794.9	794.9	794.9	794.9	794.9	794.9	794.9	794.9
2.5°	794.9	794.9	789.3	783.8	778.3	773.7	767.3	762.7	763.6	766.3	765.4
5°	799.5	794.9	783.8	771.9	762.7	754.4	742.4	736.0	735.1	736.9	736.0
7.5°	802.2	794.9	778.3	759.9	745.2	734.1	717.6	711.1	708.4	709.3	709.3
10°	807.7	795.8	772.8	747.0	728.6	713.0	695.5	686.3	683.5	683.5	682.6
12.5°	814.2	797.6	767.3	736.0	712.1	693.7	673.4	663.3	660.5	660.5	659.6
15°	820.6	800.4	761.7	724.0	696.4	674.3	655.0	643.1	639.4	639.4	641.2
17.5°	828.9	803.1	756.2	713.0	679.9	655.0	634.8	622.8	618.2	621.0	622.8
20°	837.2	808.7	750.7	701.0	663.3	637.5	617.3	605.3	600.7	605.3	606.3
22.5°	849.1	813.3	744.3	687.2	646.7	618.2	599.8	588.8	586.0	590.6	594.3
25°	861.1	818.8	736.0	672.5	625.6	598.0	583.3	575.0	575.9	582.3	586.0
27.5°	874.0	823.4	727.7	654.1	602.6	576.8	565.8	563.9	567.6	575.0	579.6
30°	889.6	829.8	716.7	632.9	576.8	553.8	549.2	554.7	561.2	568.5	573.1
32.5°	909.9	838.1	705.6	609.0	550.1	529.0	536.3	548.3	555.7	563.0	567.6
35°	938.4	854.7	699.2	585.1	521.6	507.8	524.4	543.7	549.2	553.8	559.3
37.5°	971.5	876.7	696.4	563.0	495.9	489.4	512.4	535.4	537.3	539.1	544.6
40°	1003.7	893.3	689.1	539.1	469.2	469.2	497.7	519.8	518.9	516.1	519.8
42.5°	1016.6	891.5	667.9	516.1	448.0	448.9	474.7	495.9	490.3	490.3	495.9
45°	1053.4	906.2	652.3	497.7	428.7	425.0	445.3	461.8	471.0	483.0	488.5
47.5°	1100.3	926.4	640.3	476.5	410.3	398.4	409.4	437.0	452.6	465.5	470.1
50°	1149.1	949.4	629.3	454.5	391.9	368.0	373.5	403.9	417.7	424.1	426.9
52.5°	1198.7	970.6	621.0	436.1	370.8	332.1	344.1	372.6	382.7	386.4	388.2
55°	1242.9	988.1	613.6	420.4	346.8	303.6	312.8	342.2	349.6	353.3	356.0
57.5°	1289.8	1007.4	609.0	405.7	320.2	278.8	285.2	311.9	322.0	325.7	328.4
60°	1331.2	1025.8	605.3	390.1	295.3	256.7	260.4	286.1	297.2	299.0	301.8
62.5°	1358.8	1037.7	599.8	370.8	272.3	235.5	236.4	261.3	273.2	275.1	276.9
65°	1366.2	1035.0	583.3	345.0	249.3	214.4	214.4	238.3	251.2	257.6	260.4
67.5°	1344.1	1012.0	548.3	311.9	227.2	195.0	195.0	216.2	230.0	237.4	240.1
68°	1336.7	1001.9	537.3	303.6	221.7	190.4	190.4	212.5	225.4	231.8	233.7
70°	1274.2	952.2	486.7	272.3	204.2	176.6	176.6	196.0	209.8	209.8	208.8
72.5°	1106.7	825.2	400.2	228.2	178.5	156.4	159.2	177.6	182.2	186.8	185.8
75°	685.4	494.0	268.6	180.3	150.0	137.1	142.6	159.2	161.9	172.0	169.3
77.5°	343.2	242.0	142.6	104.9	115.9	117.8	127.9	139.8	148.1	159.2	151.8
80°	169.3	117.8	83.7	65.3	68.1	86.5	111.3	120.5	135.2	142.6	136.2
82.5°	46.9	35.9	34.0	35.9	50.6	67.2	87.4	106.7	126.0	132.5	123.3
85°	8.3	6.4	5.5	17.5	35.0	49.7	70.8	94.8	113.2	108.6	102.1
87.5°	2.8	1.8	1.8	11.0	25.8	40.5	60.7	84.6	96.6	87.4	78.2
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: SP2-2501-321-3

Test Date: 04/09/2025

Luminaire Tested: GKO-PB1E-727-U-T4W

Data in this report applies to families of products including GKO-PB1E-727-U-T4W

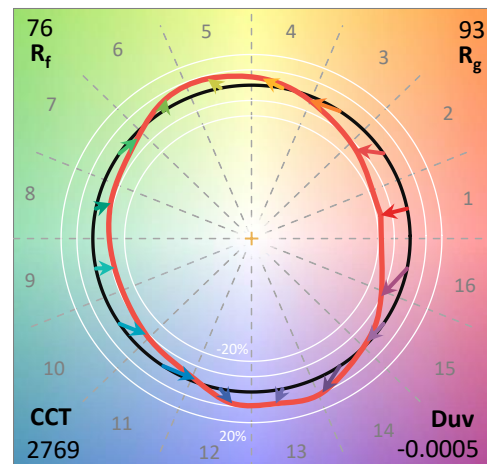
Test Information

Test Method: LM-79-2019
 Report Number: SP2-2501-321-3
 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-727-U-T4W**
 Description: Gekko Wedge Wall Pack Fixture 1 SQ w/ T4W distribution

Spectral Parameters

CCT (K): 2769
 CIE u' : 0.2596
 CIE v' : 0.5253
 Duv: -0.0005
 CIE x: 0.4535
 CIE y: 0.4078
 CIE z: 0.1387
 Peak Wavelength (nm): 597
 Dominant Wavelength (nm): 584
 Purity: 58.54014
 R_f: 75.7
 R_g: 93.2

CRI (Ra): 71.7
 R1: 68.0
 R2: 84.0
 R3: 94.6
 R4: 65.9
 R5: 67.3
 R6: 78.7
 R7: 75.2
 R8: 39.8
 R9: -34.5
 R10: 64.3
 R11: 60.9
 R12: 54.4
 R13: 71.2
 R14: 97.6
 R15: 59.5



Test Conditions

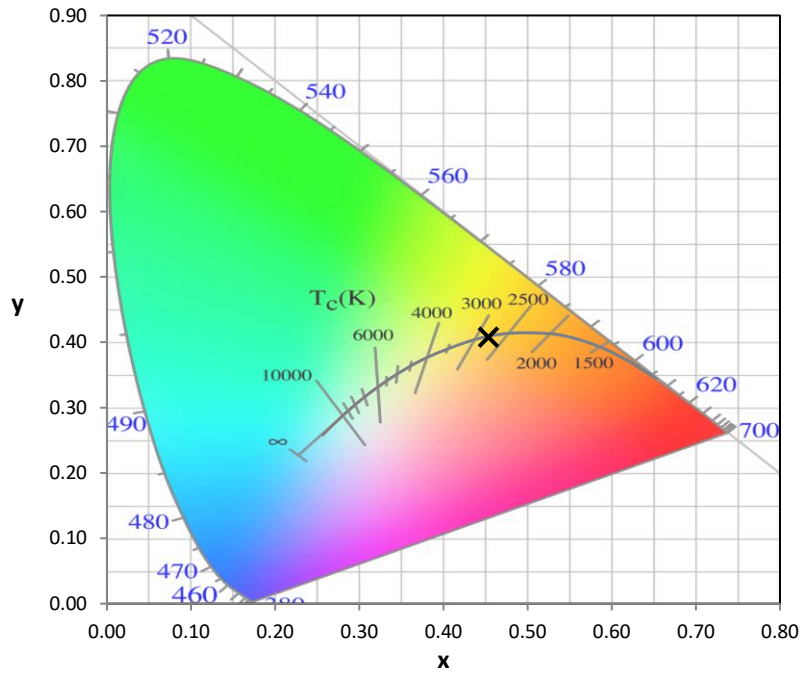
Stabilization Time: 36M
 Operation Time: 1H 36M
 Sphere Temperature (°C): 25.0

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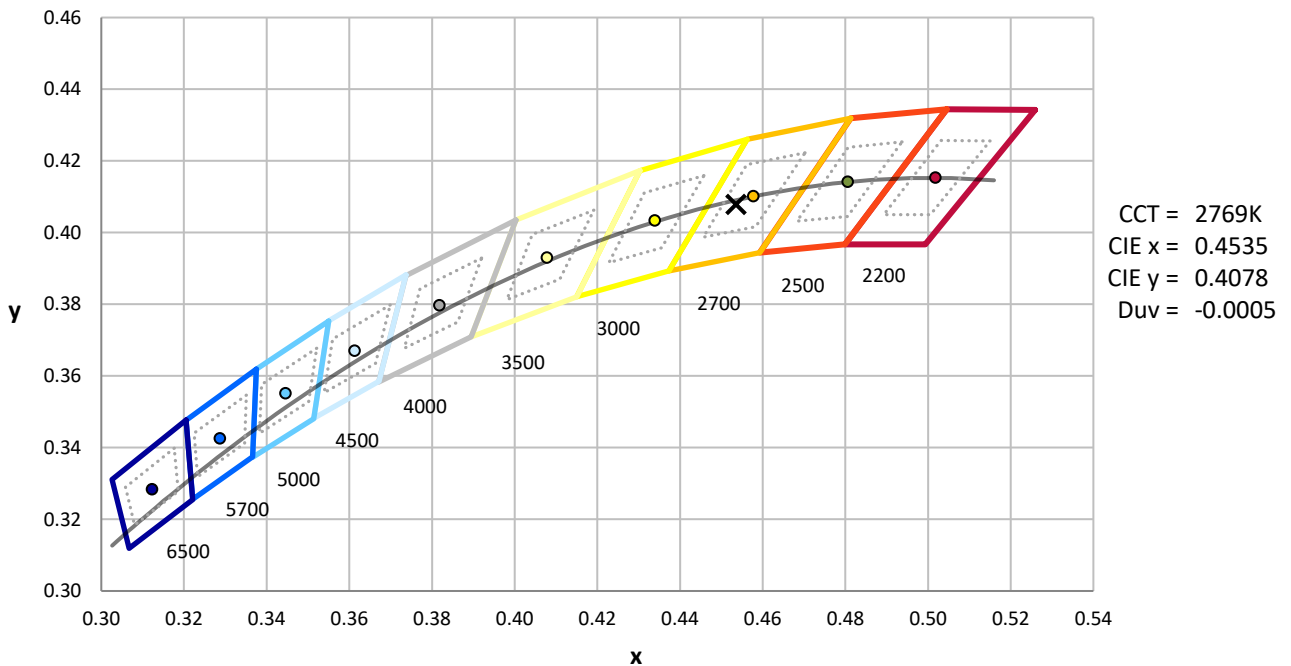
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN2187	1/6/2025	7/6/2025
Power Meter	INXT2011002	1/21/2025	1/21/2026
AC Power Source	IN0458	10/22/2024	10/22/2025
DC Power Source	IN0212	10/22/2024	10/22/2025
Sphere Thermometer	IN4036B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

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CIE 1931 Chromaticity Diagram



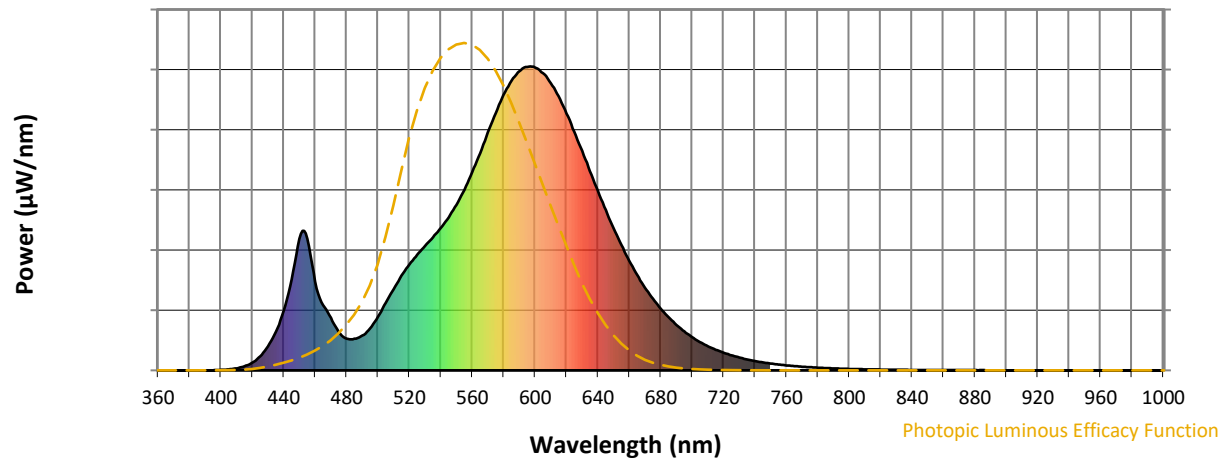
CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles



Point lies inside the ANSI 2700K 4-step quadrangle

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Photopic Flux vs. Wavelength

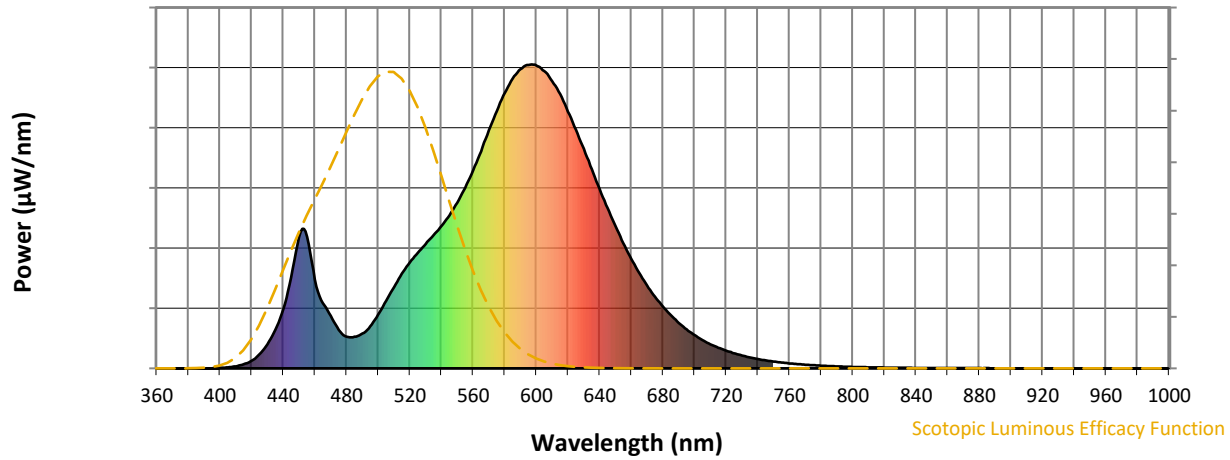


Photopic Lumens: NR

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	114	NR	620	844	NR	750	22	NR	880	1	NR
365	0	NR	495	138	NR	625	785	NR	755	19	NR	885	1	NR
370	0	NR	500	176	NR	630	722	NR	760	16	NR	890	1	NR
375	0	NR	505	222	NR	635	655	NR	765	14	NR	895	0	NR
380	0	NR	510	268	NR	640	591	NR	770	12	NR	900	0	NR
385	0	NR	515	311	NR	645	527	NR	775	10	NR	905	0	NR
390	0	NR	520	348	NR	650	467	NR	780	9	NR	910	0	NR
395	0	NR	525	381	NR	655	412	NR	785	8	NR	915	0	NR
400	2	NR	530	410	NR	660	360	NR	790	7	NR	920	0	NR
405	4	NR	535	438	NR	665	314	NR	795	6	NR	925	0	NR
410	7	NR	540	469	NR	670	272	NR	800	5	NR	930	0	NR
415	13	NR	545	503	NR	675	236	NR	805	4	NR	935	0	NR
420	25	NR	550	544	NR	680	203	NR	810	4	NR	940	0	NR
425	46	NR	555	594	NR	685	175	NR	815	3	NR	945	0	NR
430	79	NR	560	652	NR	690	149	NR	820	3	NR	950	0	NR
435	128	NR	565	714	NR	695	128	NR	825	2	NR	955	0	NR
440	196	NR	570	783	NR	700	109	NR	830	2	NR	960	0	NR
445	299	NR	575	847	NR	705	93	NR	835	2	NR	965	0	NR
450	433	NR	580	906	NR	710	80	NR	840	2	NR	970	0	NR
455	433	NR	585	953	NR	715	68	NR	845	1	NR	975	0	NR
460	293	NR	590	985	NR	720	58	NR	850	1	NR	980	0	NR
465	215	NR	595	998	NR	725	50	NR	855	1	NR	985	0	NR
470	173	NR	600	997	NR	730	42	NR	860	1	NR	990	0	NR
475	127	NR	605	978	NR	735	36	NR	865	1	NR	995	0	NR
480	104	NR	610	945	NR	740	30	NR	870	1	NR	1000	0	NR
485	104	NR	615	902	NR	745	26	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



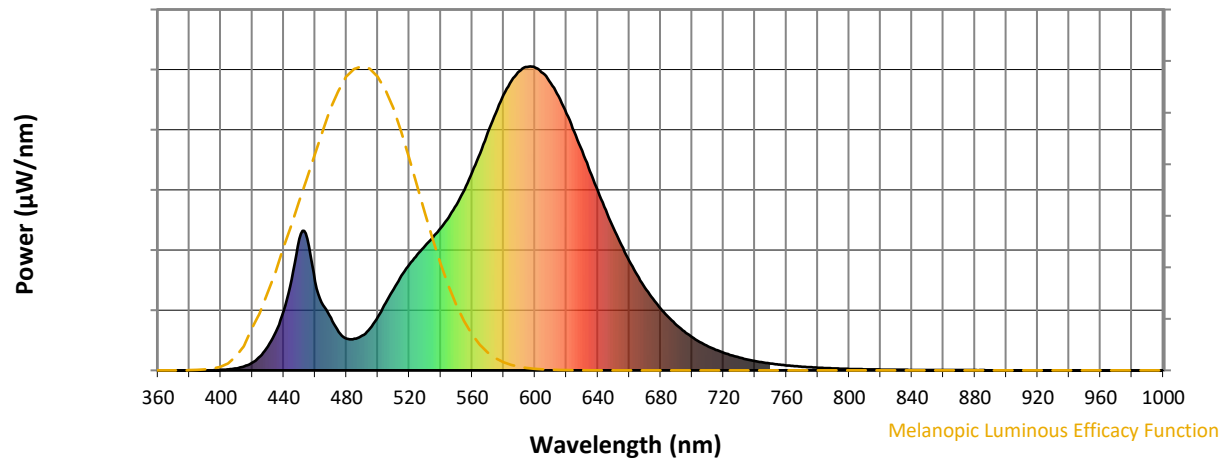
Scotopic Lumens: NR

S/P: 1.14

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	844	NR	750	22	NR	880	1	NR
365	0	NR	495	138	NR	625	785	NR	755	19	NR	885	1	NR
370	0	NR	500	176	NR	630	722	NR	760	16	NR	890	1	NR
375	0	NR	505	222	NR	635	655	NR	765	14	NR	895	0	NR
380	0	NR	510	268	NR	640	591	NR	770	12	NR	900	0	NR
385	0	NR	515	311	NR	645	527	NR	775	10	NR	905	0	NR
390	0	NR	520	348	NR	650	467	NR	780	9	NR	910	0	NR
395	0	NR	525	381	NR	655	412	NR	785	8	NR	915	0	NR
400	2	NR	530	410	NR	660	360	NR	790	7	NR	920	0	NR
405	4	NR	535	438	NR	665	314	NR	795	6	NR	925	0	NR
410	7	NR	540	469	NR	670	272	NR	800	5	NR	930	0	NR
415	13	NR	545	503	NR	675	236	NR	805	4	NR	935	0	NR
420	25	NR	550	544	NR	680	203	NR	810	4	NR	940	0	NR
425	46	NR	555	594	NR	685	175	NR	815	3	NR	945	0	NR
430	79	NR	560	652	NR	690	149	NR	820	3	NR	950	0	NR
435	128	NR	565	714	NR	695	128	NR	825	2	NR	955	0	NR
440	196	NR	570	783	NR	700	109	NR	830	2	NR	960	0	NR
445	299	NR	575	847	NR	705	93	NR	835	2	NR	965	0	NR
450	433	NR	580	906	NR	710	80	NR	840	2	NR	970	0	NR
455	433	NR	585	953	NR	715	68	NR	845	1	NR	975	0	NR
460	293	NR	590	985	NR	720	58	NR	850	1	NR	980	0	NR
465	215	NR	595	998	NR	725	50	NR	855	1	NR	985	0	NR
470	173	NR	600	997	NR	730	42	NR	860	1	NR	990	0	NR
475	127	NR	605	978	NR	735	36	NR	865	1	NR	995	0	NR
480	104	NR	610	945	NR	740	30	NR	870	1	NR	1000	0	NR
485	104	NR	615	902	NR	745	26	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.08

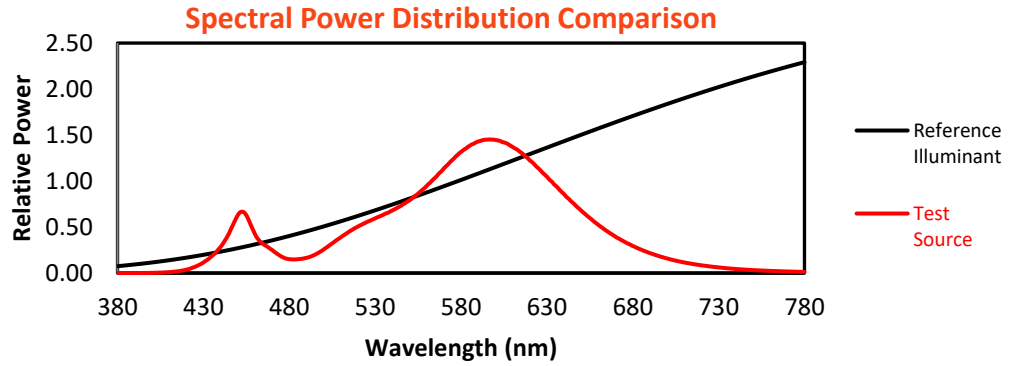
λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)	λ (nm)	Power W [^] /nm	Lumens (φ/nm)
360	0	NR	490	114	NR	620	844	NR	750	22	NR	880	1	NR
365	0	NR	495	138	NR	625	785	NR	755	19	NR	885	1	NR
370	0	NR	500	176	NR	630	722	NR	760	16	NR	890	1	NR
375	0	NR	505	222	NR	635	655	NR	765	14	NR	895	0	NR
380	0	NR	510	268	NR	640	591	NR	770	12	NR	900	0	NR
385	0	NR	515	311	NR	645	527	NR	775	10	NR	905	0	NR
390	0	NR	520	348	NR	650	467	NR	780	9	NR	910	0	NR
395	0	NR	525	381	NR	655	412	NR	785	8	NR	915	0	NR
400	2	NR	530	410	NR	660	360	NR	790	7	NR	920	0	NR
405	4	NR	535	438	NR	665	314	NR	795	6	NR	925	0	NR
410	7	NR	540	469	NR	670	272	NR	800	5	NR	930	0	NR
415	13	NR	545	503	NR	675	236	NR	805	4	NR	935	0	NR
420	25	NR	550	544	NR	680	203	NR	810	4	NR	940	0	NR
425	46	NR	555	594	NR	685	175	NR	815	3	NR	945	0	NR
430	79	NR	560	652	NR	690	149	NR	820	3	NR	950	0	NR
435	128	NR	565	714	NR	695	128	NR	825	2	NR	955	0	NR
440	196	NR	570	783	NR	700	109	NR	830	2	NR	960	0	NR
445	299	NR	575	847	NR	705	93	NR	835	2	NR	965	0	NR
450	433	NR	580	906	NR	710	80	NR	840	2	NR	970	0	NR
455	433	NR	585	953	NR	715	68	NR	845	1	NR	975	0	NR
460	293	NR	590	985	NR	720	58	NR	850	1	NR	980	0	NR
465	215	NR	595	998	NR	725	50	NR	855	1	NR	985	0	NR
470	173	NR	600	997	NR	730	42	NR	860	1	NR	990	0	NR
475	127	NR	605	978	NR	735	36	NR	865	1	NR	995	0	NR
480	104	NR	610	945	NR	740	30	NR	870	1	NR	1000	0	NR
485	104	NR	615	902	NR	745	26	NR	875	1	NR			

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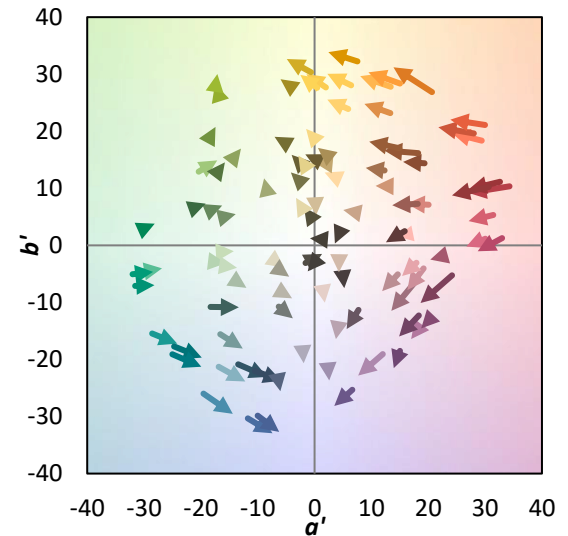
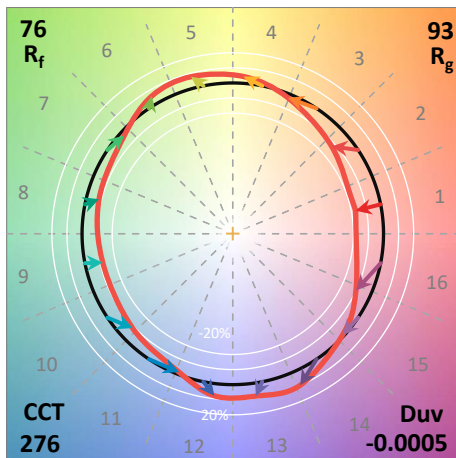
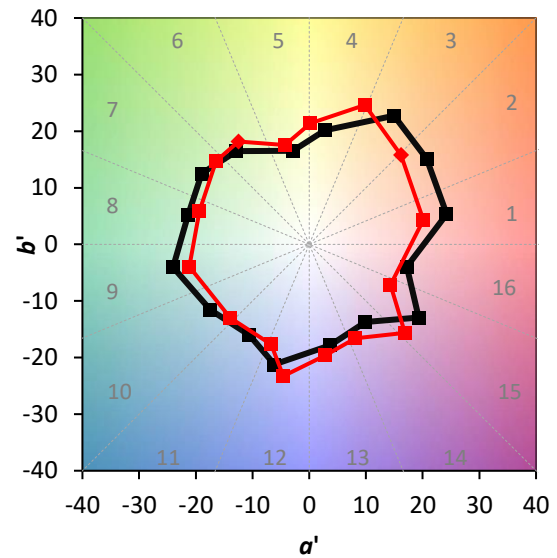
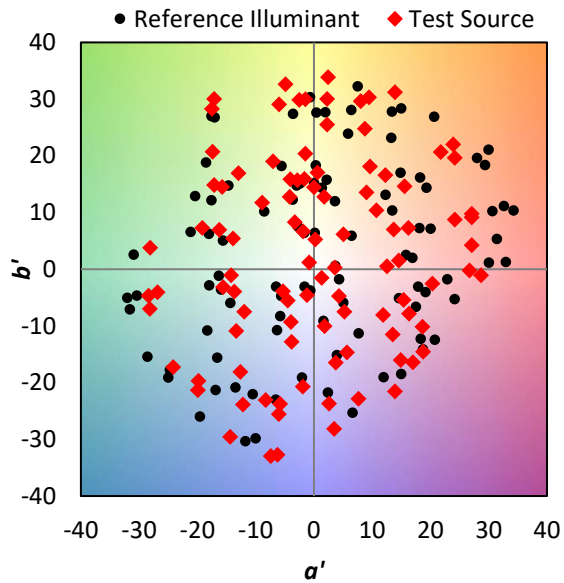
TM-30-18

Summary

$R_f = 75.7$
 $R_g = 93.2$
 $CIE R_a = 71.7$
 $R_g = -34.5$

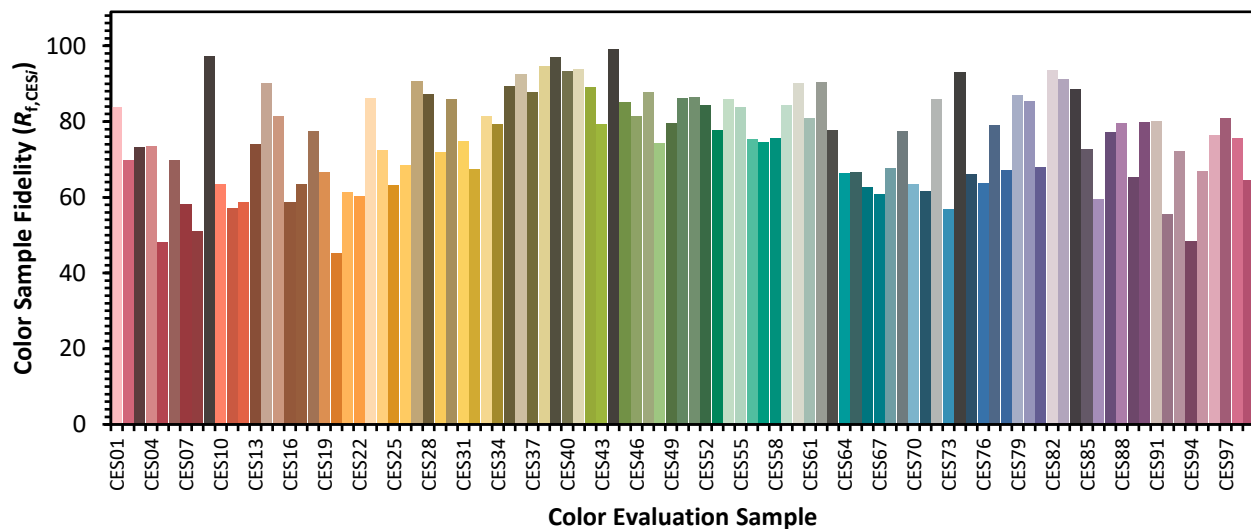


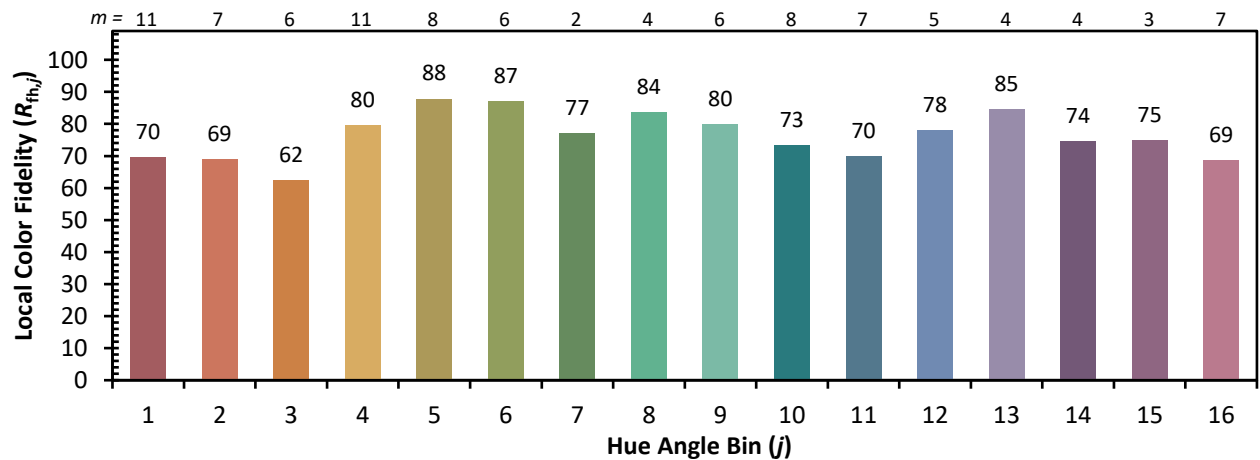
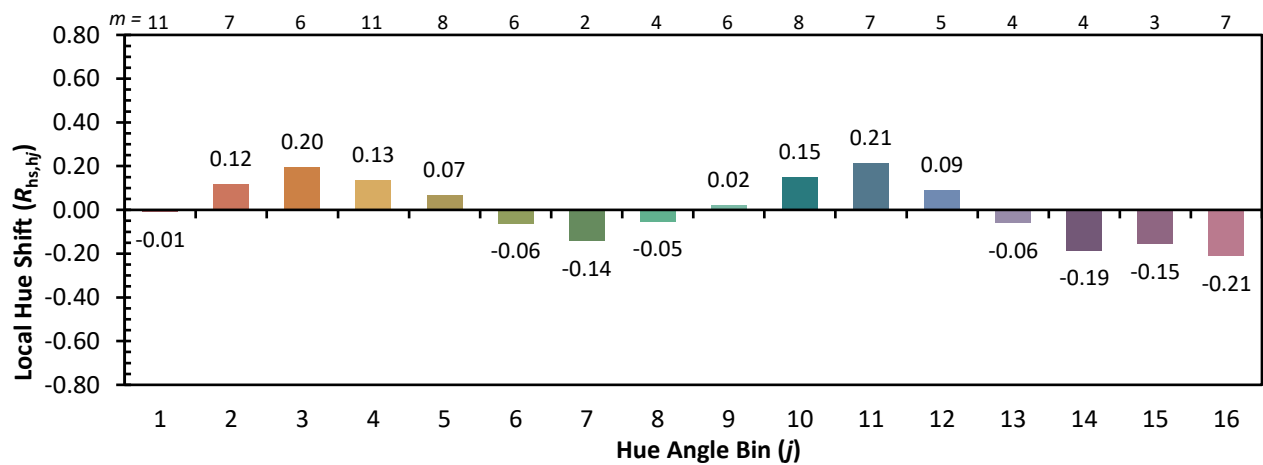
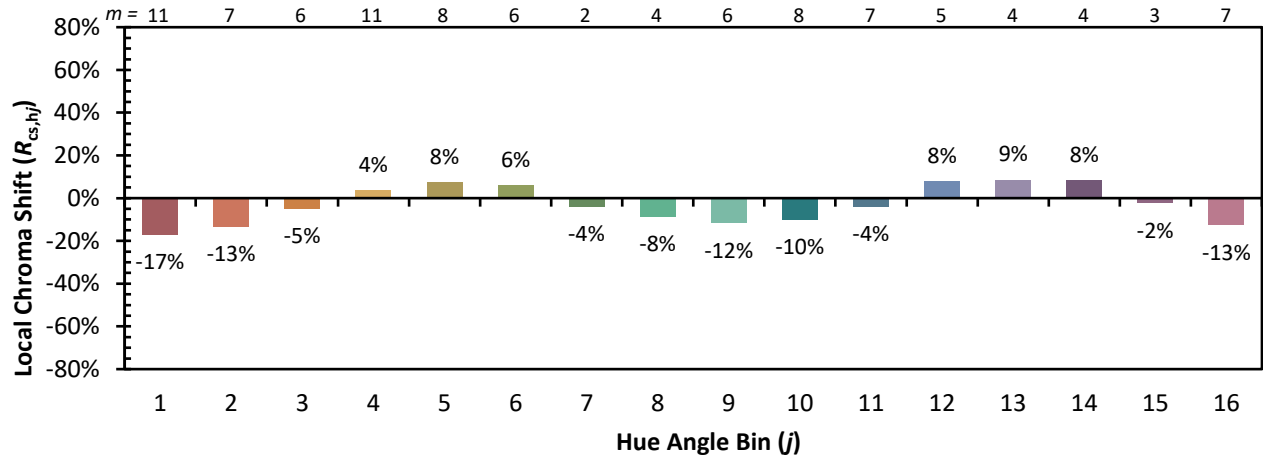
Color Vector Graphics



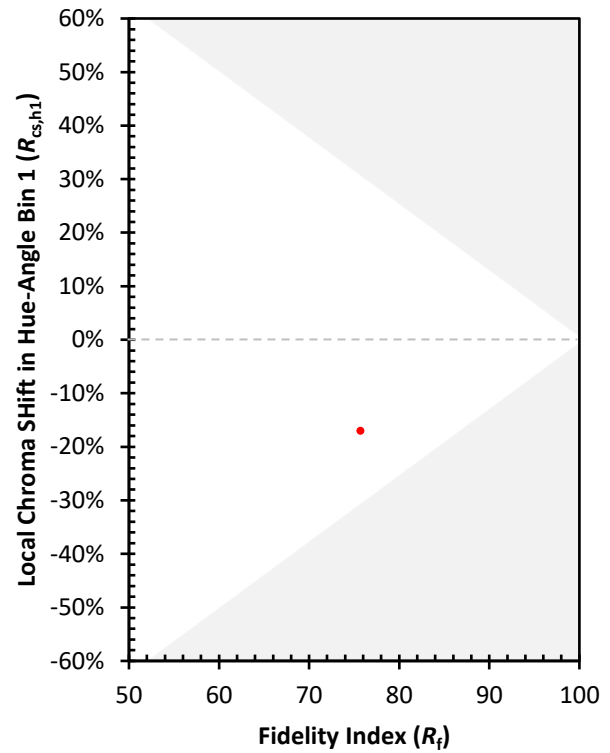
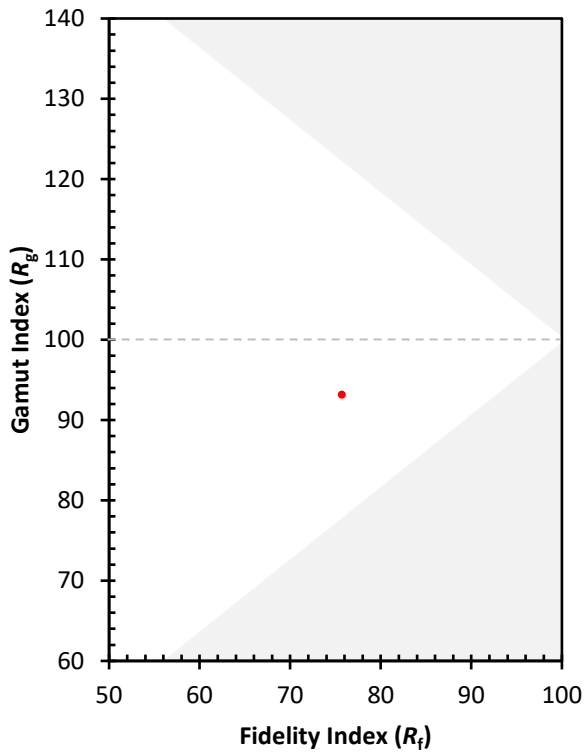
Individual Sample Fidelity Index ($R_{f,i}$)

CES01 = 86	CES26 = 68	CES51 = 87	CES76 = 64
CES02 = 63	CES27 = 91	CES52 = 84	CES77 = 79
CES03 = 31	CES28 = 87	CES53 = 78	CES78 = 67
CES04 = 71	CES29 = 72	CES54 = 86	CES79 = 87
CES05 = 50	CES30 = 86	CES55 = 84	CES80 = 85
CES06 = 52	CES31 = 75	CES56 = 75	CES81 = 68
CES07 = 42	CES32 = 67	CES57 = 74	CES82 = 94
CES08 = 41	CES33 = 81	CES58 = 76	CES83 = 91
CES09 = 29	CES34 = 79	CES59 = 84	CES84 = 89
CES10 = 77	CES35 = 89	CES60 = 90	CES85 = 73
CES11 = 60	CES36 = 92	CES61 = 81	CES86 = 59
CES12 = 66	CES37 = 88	CES62 = 90	CES87 = 77
CES13 = 43	CES38 = 95	CES63 = 78	CES88 = 79
CES14 = 74	CES39 = 97	CES64 = 66	CES89 = 65
CES15 = 72	CES40 = 93	CES65 = 67	CES90 = 80
CES16 = 48	CES41 = 94	CES66 = 63	CES91 = 80
CES17 = 50	CES42 = 89	CES67 = 61	CES92 = 55
CES18 = 57	CES43 = 79	CES68 = 68	CES93 = 72
CES19 = 73	CES44 = 99	CES69 = 77	CES94 = 48
CES20 = 67	CES45 = 85	CES70 = 63	CES95 = 67
CES21 = 87	CES46 = 81	CES71 = 62	CES96 = 76
CES22 = 80	CES47 = 88	CES72 = 86	CES97 = 81
CES23 = 92	CES48 = 74	CES73 = 57	CES98 = 76
CES24 = 91	CES49 = 80	CES74 = 93	CES99 = 64
CES25 = 73	CES50 = 86	CES75 = 66	



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)