

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: P977129

Luminaire Tested: **GKO-PB1F-740-U-T3**

Issue Date: 03/19/2025



Test Information

Test Method: LM-79-08
Report Number: P977129
Test Lab: INNOVATION CENTER(G1)
Issue Date: 03/19/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB1F-740-U-T3
Description: GEKKO WALL PACK 6500LM PACKAGE 70CRI 4000K FIXTURE w/ TYPE III DISTRIBUTION OPTIC
Light Source: (10) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

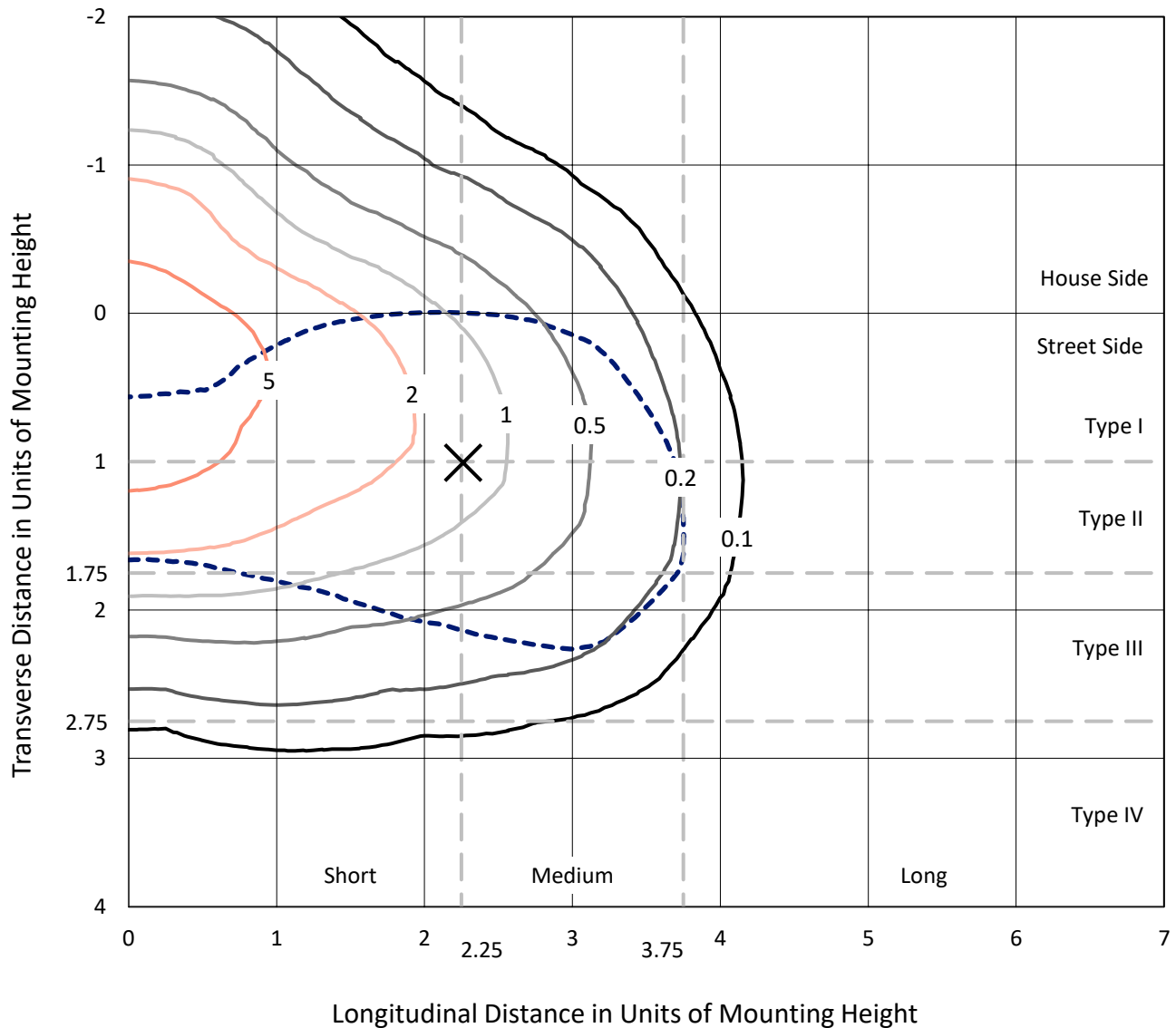
Lumens per Lamp: N/A
Luminaire Lumens: 6650.4 lumens
Efficiency: N/A
Efficacy: 122.0 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification: Type III - Medium
BUG Rating: B1 - U0 - G1

Input Watts (W): 54.5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.99
Total Harmonic Distortion (THDi): 5.7%
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

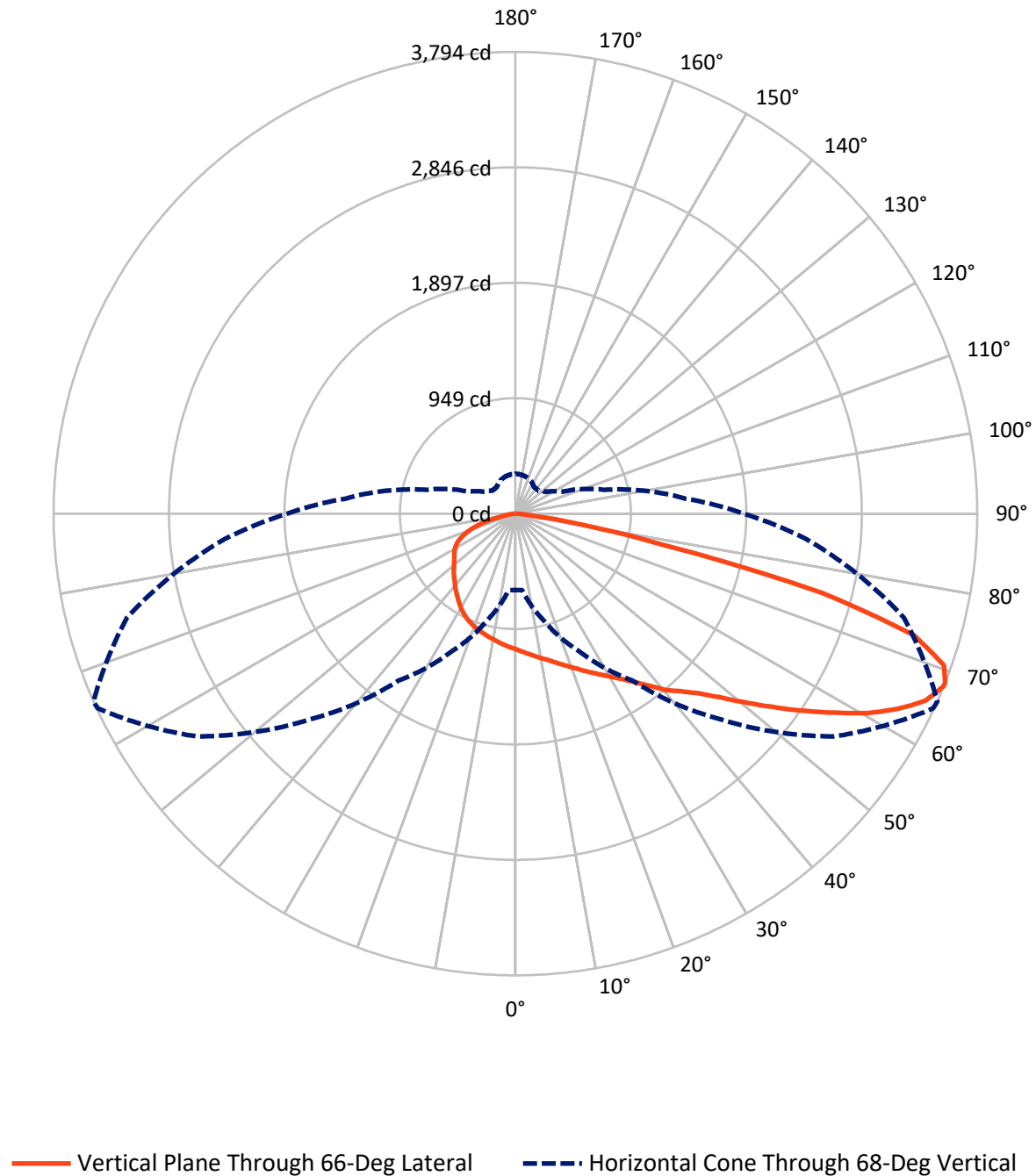
× Max cd
 - - - 1/2 Max cd



Based on 12 foot mounting height. Maximum calculated value = 8.9 fc
 Type III - Medium - N/A

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Luminous Intensity Polar Plot



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CATALOG NUMBER: GKO-PB1F-740-U-T3

FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1702.6	0.0	1702.6
	% Fixture	25.6	0.0	25.6
Street Side	Lumens	4947.8	0.0	4947.8
	% Fixture	74.4	0.0	74.4
Total	Lumens	6650.4	0.0	6650.4
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	107.0	1.6
10°-20°	321.6	4.8
20°-30°	554.3	8.3
30°-40°	859.8	12.9
40°-50°	1177.8	17.7
50°-60°	1405.1	21.1
60°-70°	1407.9	21.2
70°-80°	745.0	11.2
80°-90°	71.9	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°	6650.4	100.0
0°-180°	6650.4	100.0



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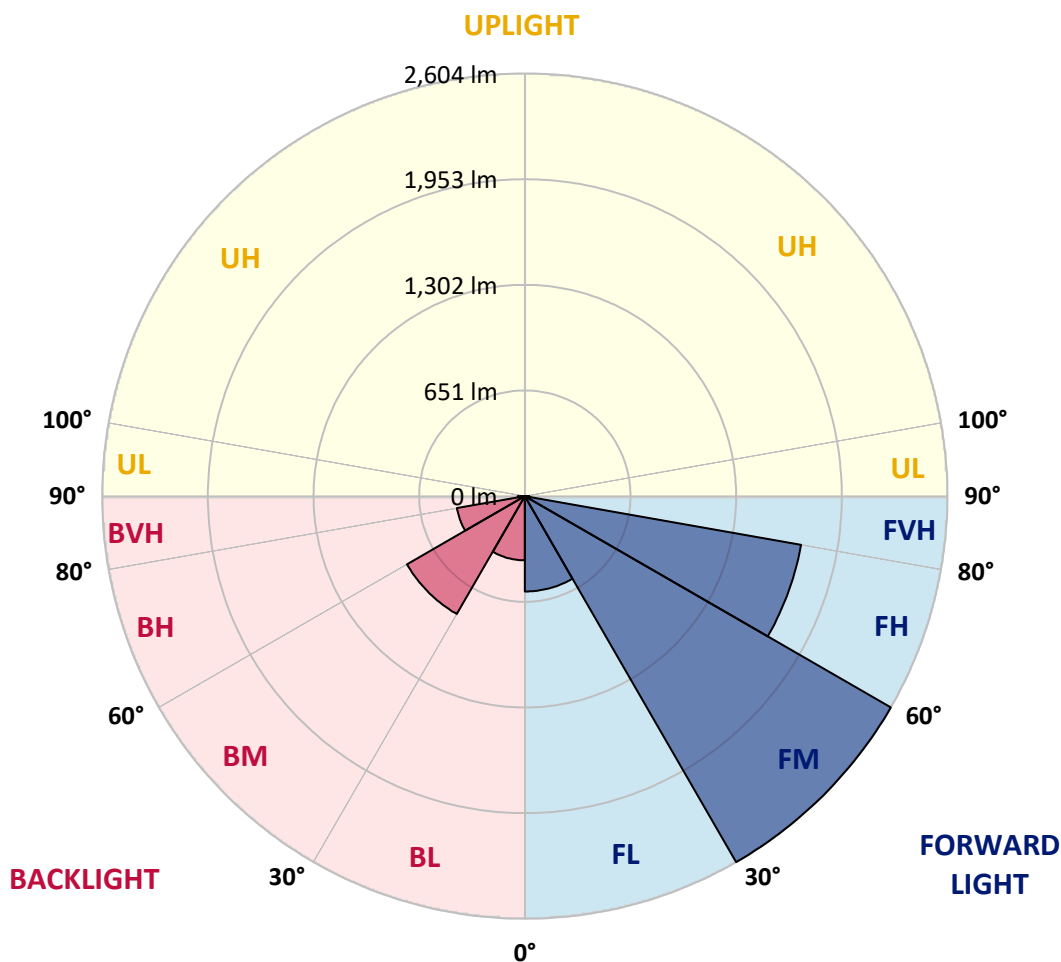
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	587.4	8.8			
FM	(30°-60°)	2604.0	39.2			
FH	(60°-80°)	1728.2	26.0			G1/1800
FVH	(80°-90°)	28.3	0.4			G1/100
BL	(0°-30°)	395.5	5.9	B1/500		
BM	(30°-60°)	838.7	12.6	B1/1000		
BH	(60°-80°)	424.8	6.4	B1/500		G1/500
BVH	(80°-90°)	43.6	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°	1115.4	1115.4	1115.4	1115.4	1115.4	1115.4	1115.4	1115.4	1115.4	1115.4	1115.4
2.5°	1161.9	1161.9	1159.3	1158.0	1156.7	1149.0	1143.8	1137.4	1137.4	1127.0	1118.0
5°	1201.9	1203.2	1198.0	1198.0	1192.9	1182.6	1172.2	1159.3	1159.3	1143.8	1125.8
7.5°	1236.8	1240.7	1235.5	1235.5	1230.3	1218.7	1201.9	1183.8	1183.8	1161.9	1136.1
10°	1270.3	1272.9	1270.3	1272.9	1265.2	1254.9	1235.5	1211.0	1209.7	1182.6	1146.4
12.5°	1297.5	1300.0	1301.3	1305.2	1298.7	1291.0	1272.9	1241.9	1238.1	1205.8	1159.3
15°	1323.3	1325.9	1329.7	1334.9	1333.6	1327.1	1310.4	1275.5	1272.9	1231.6	1176.1
17.5°	1343.9	1345.2	1353.0	1363.3	1365.9	1367.2	1349.1	1312.9	1310.4	1261.3	1194.2
20°	1373.6	1376.2	1384.0	1394.3	1402.0	1407.2	1393.0	1353.0	1350.4	1296.2	1217.4
22.5°	1440.8	1436.9	1440.8	1440.8	1444.6	1452.4	1442.0	1402.0	1396.9	1337.5	1245.8
25°	1567.3	1563.4	1553.1	1529.8	1504.0	1502.7	1491.1	1452.4	1445.9	1380.1	1272.9
27.5°	1744.1	1735.1	1715.7	1666.7	1604.7	1564.7	1546.6	1506.6	1498.9	1422.7	1298.7
30°	1931.3	1941.7	1909.4	1842.3	1728.7	1643.4	1608.6	1563.4	1556.9	1470.5	1329.7
32.5°	2149.5	2150.8	2118.5	2025.6	1878.4	1742.9	1683.5	1628.0	1622.8	1526.0	1371.0
35°	2276.0	2281.2	2267.0	2180.5	2012.7	1852.6	1773.8	1706.7	1702.8	1595.7	1422.7
37.5°	2407.7	2419.3	2397.4	2301.9	2114.7	1954.6	1874.5	1800.9	1797.1	1675.7	1487.2
40°	2602.7	2597.5	2574.3	2433.5	2210.2	2039.8	1973.9	1915.8	1906.8	1773.8	1553.1
42.5°	2743.4	2756.3	2705.9	2547.1	2314.8	2125.0	2073.3	2007.5	1995.9	1833.2	1591.8
45°	2791.1	2779.5	2724.0	2607.8	2451.6	2202.4	2167.6	2117.2	2105.6	1937.8	1668.0
47.5°	2801.5	2780.8	2731.8	2644.0	2567.8	2303.1	2282.5	2270.9	2254.1	2069.5	1759.6
50°	2738.2	2724.0	2700.8	2656.9	2642.7	2397.4	2407.7	2450.3	2436.1	2211.5	1861.6
52.5°	2594.9	2588.5	2609.1	2637.5	2600.1	2478.7	2556.2	2642.7	2637.5	2367.7	1971.4
55°	2325.1	2325.1	2441.3	2540.7	2562.6	2531.7	2716.3	2864.7	2858.3	2543.3	2075.9
57.5°	2078.5	2082.4	2179.2	2402.6	2495.5	2588.5	2894.4	3097.1	3086.8	2740.8	2185.7
60°	1767.4	1767.4	1914.6	2194.7	2398.7	2632.4	3051.9	3321.7	3328.2	2931.9	2294.1
62.5°	1399.4	1403.3	1607.3	1936.5	2259.3	2640.1	3177.2	3533.5	3532.2	3104.9	2378.0
65°	1031.5	1032.8	1310.4	1649.9	2050.1	2585.9	3245.6	3696.1	3703.9	3241.7	2427.1
67.5°	670.0	682.9	964.4	1338.8	1754.5	2432.2	3209.4	3782.6	3791.7	3305.0	2411.6
68°	627.4	630.0	912.7	1253.6	1674.4	2393.5	3192.6	3786.5	3794.3	3303.7	2396.1
70°	406.7	406.7	653.2	978.6	1336.2	2152.1	3046.8	3725.8	3734.9	3246.9	2283.8
72.5°	219.5	223.3	373.1	592.6	912.7	1665.4	2749.8	3409.5	3425.0	2935.7	1997.2
75°	153.6	156.2	216.9	331.8	497.0	1084.4	2149.5	2605.2	2602.7	2028.2	1251.0
77.5°	111.0	111.0	123.9	206.6	260.8	495.7	1063.8	1254.9	1240.7	990.2	631.3
80°	72.3	72.3	77.5	108.4	125.2	151.0	325.3	543.5	553.8	482.8	315.0
82.5°	29.7	31.0	33.6	43.9	45.2	63.3	93.0	156.2	151.0	122.6	89.1
85°	3.9	3.9	5.2	6.5	7.7	14.2	12.9	12.9	12.9	15.5	14.2
87.5°	0.0	0.0	0.0	0.0	0.0	1.3	2.6	3.9	3.9	5.2	3.9
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-PB1F-740-U-T3

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1115.4	1115.4	1115.4	1115.4	1115.4	1115.4	1115.4	1115.4	1115.4	1115.4	1115.4
2.5°	1115.4	1115.4	1107.7	1099.9	1092.2	1085.7	1076.7	1070.2	1071.5	1075.4	1074.1
5°	1121.9	1115.4	1099.9	1083.2	1070.2	1058.6	1041.8	1032.8	1031.5	1034.1	1032.8
7.5°	1125.8	1115.4	1092.2	1066.4	1045.7	1030.2	1007.0	997.9	994.1	995.4	995.4
10°	1133.5	1116.7	1084.4	1048.3	1022.5	1000.5	976.0	963.1	959.2	959.2	957.9
12.5°	1142.5	1119.3	1076.7	1032.8	999.2	973.4	945.0	930.8	926.9	926.9	925.6
15°	1151.6	1123.2	1068.9	1016.0	977.3	946.3	919.2	902.4	897.2	897.2	899.8
17.5°	1163.2	1127.0	1061.2	1000.5	954.1	919.2	890.8	874.0	867.6	871.4	874.0
20°	1174.8	1134.8	1053.5	983.7	930.8	894.7	866.3	849.5	843.0	849.5	850.8
22.5°	1191.6	1141.2	1044.4	964.4	907.6	867.6	841.7	826.2	822.4	828.8	834.0
25°	1208.4	1149.0	1032.8	943.7	877.9	839.2	818.5	806.9	808.2	817.2	822.4
27.5°	1226.5	1155.4	1021.2	917.9	845.6	809.5	794.0	791.4	796.5	806.9	813.3
30°	1248.4	1164.5	1005.7	888.2	809.5	777.2	770.7	778.5	787.5	797.8	804.3
32.5°	1276.8	1176.1	990.2	854.6	772.0	742.3	752.7	769.4	779.8	790.1	796.5
35°	1316.8	1199.3	981.2	821.1	732.0	712.6	735.9	763.0	770.7	777.2	784.9
37.5°	1363.3	1230.3	977.3	790.1	695.8	686.8	719.1	751.4	753.9	756.5	764.3
40°	1408.5	1253.6	967.0	756.5	658.4	658.4	698.4	729.4	728.1	724.3	729.4
42.5°	1426.6	1251.0	937.3	724.3	628.7	630.0	666.2	695.8	688.1	688.1	695.8
45°	1478.2	1271.6	915.3	698.4	601.6	596.4	624.8	648.1	661.0	677.8	685.5
47.5°	1544.0	1300.0	898.5	668.7	575.8	559.0	574.5	613.2	635.2	653.2	659.7
50°	1612.5	1332.3	883.0	637.8	550.0	516.4	524.1	566.7	586.1	595.2	599.0
52.5°	1682.2	1362.0	871.4	611.9	520.3	466.1	482.8	522.9	537.1	542.2	544.8
55°	1744.1	1386.5	861.1	590.0	486.7	426.0	438.9	480.3	490.6	495.7	499.6
57.5°	1810.0	1413.6	854.6	569.3	449.3	391.2	400.2	437.6	451.9	457.0	460.9
60°	1868.1	1439.5	849.5	547.4	414.4	360.2	365.4	401.5	417.0	419.6	423.4
62.5°	1906.8	1456.2	841.7	520.3	382.1	330.5	331.8	366.6	383.4	386.0	388.6
65°	1917.1	1452.4	818.5	484.1	349.9	300.8	300.8	334.4	352.4	361.5	365.4
67.5°	1886.2	1420.1	769.4	437.6	318.9	273.7	273.7	303.4	322.8	333.1	337.0
68°	1875.8	1405.9	753.9	426.0	311.1	267.2	267.2	298.2	316.3	325.3	327.9
70°	1788.0	1336.2	682.9	382.1	286.6	247.9	247.9	275.0	294.3	294.3	293.1
72.5°	1553.1	1158.0	561.6	320.2	250.5	219.5	223.3	249.2	255.6	262.1	260.8
75°	961.8	693.3	377.0	253.0	210.4	192.4	200.1	223.3	227.2	241.4	237.5
77.5°	481.5	339.5	200.1	147.2	162.7	165.2	179.4	196.2	207.9	223.3	213.0
80°	237.5	165.2	117.5	91.7	95.5	121.4	156.2	169.1	189.8	200.1	191.1
82.5°	65.8	50.3	47.8	50.3	71.0	94.2	122.6	149.8	176.9	185.9	173.0
85°	11.6	9.0	7.7	24.5	49.1	69.7	99.4	133.0	158.8	152.3	143.3
87.5°	3.9	2.6	2.6	15.5	36.1	56.8	85.2	118.8	135.6	122.6	109.7
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: SP2-2501-321-1

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

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

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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 4000K 4-step quadrangle

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Photopic Flux vs. Wavelength

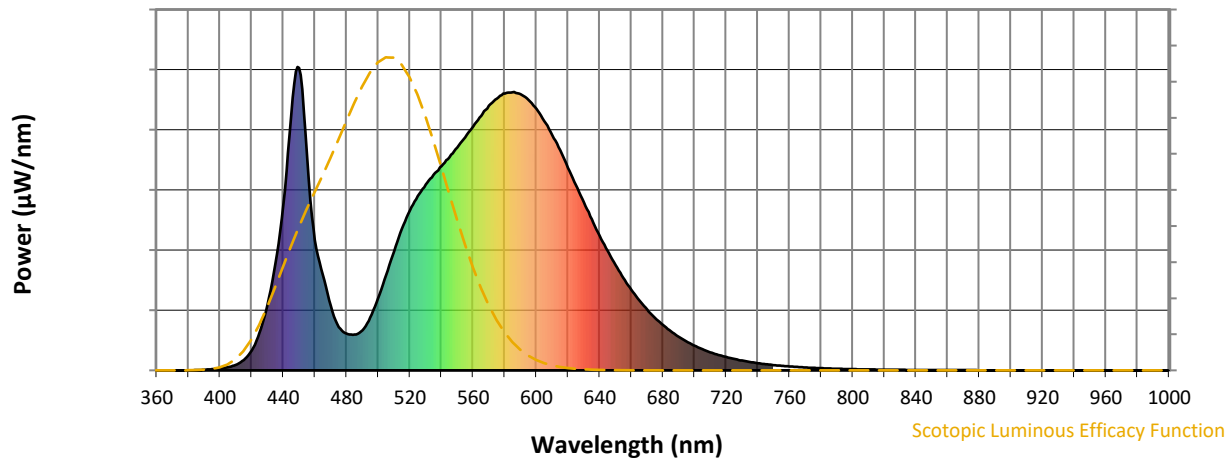


Photopic Lumens: NR

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			

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Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.49

λ (nm)	Power W ^λ /nm	Lumens (Φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (Φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (Φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (Φ/nm)	λ (nm)	Power W ^λ /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			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.88

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	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			

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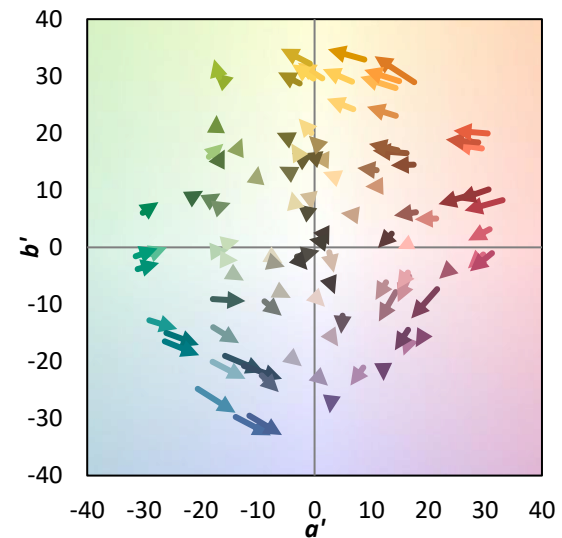
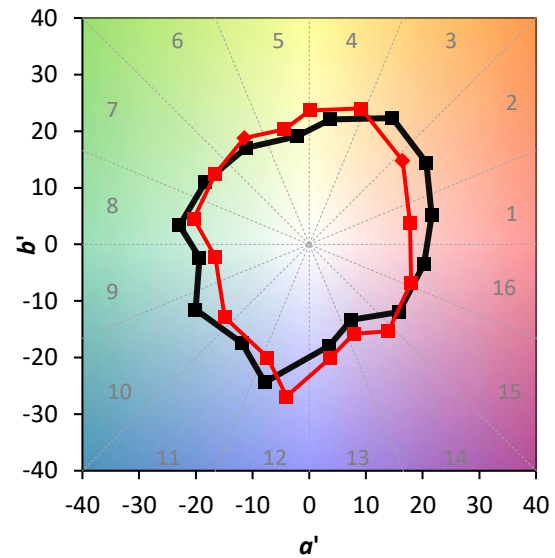
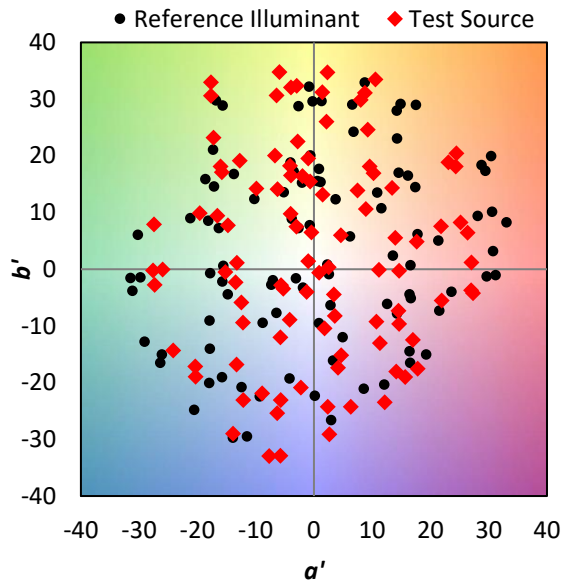
TM-30-18

Summary

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



Color Vector Graphics

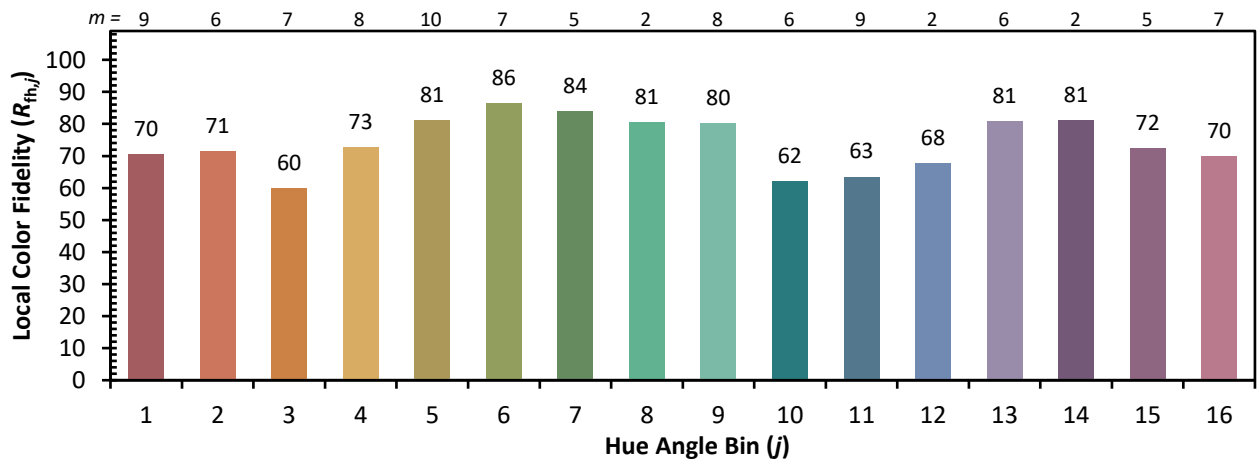
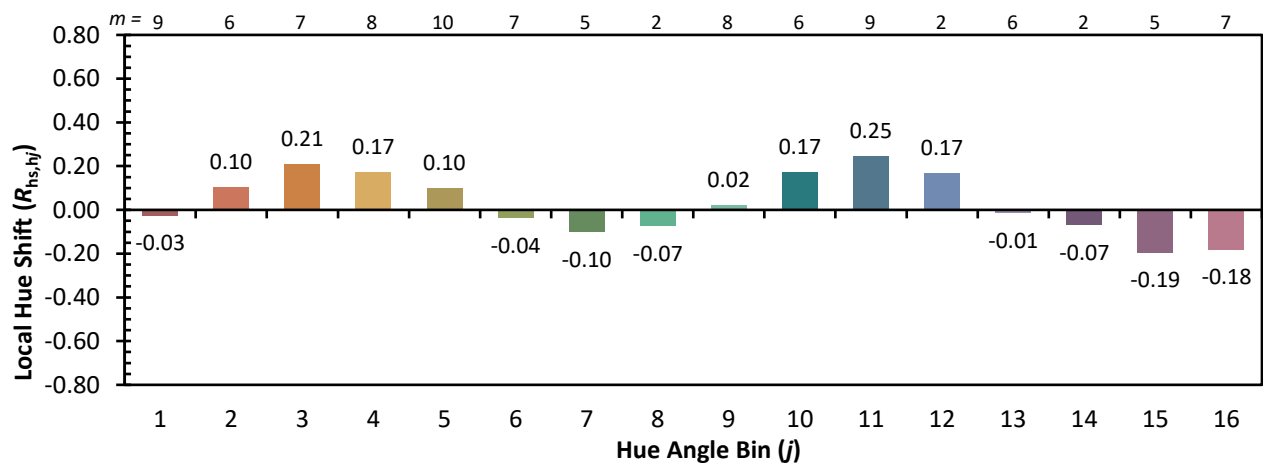


Individual Sample Fidelity Index ($R_{f,i}$)

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)