

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: P972349

Luminaire Tested: **GKO-PB2C-722-U-T2U**

Issue Date: 02/27/2025



Test Information

Test Method: LM-79-08
Report Number: P972349
Test Lab: INNOVATION CENTER(G1)
Issue Date: 02/27/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB2C-722-U-T2U
Description: GEKKO WALL PACK 8000LM PACKAGE 70CRI 2200K FIXTURE w/ TYPE II URBAN DISTRIBUTION OPTIC
Light Source: (20) 2200K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6900.8 lumens
Efficiency: N/A
Efficacy: 118.6 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

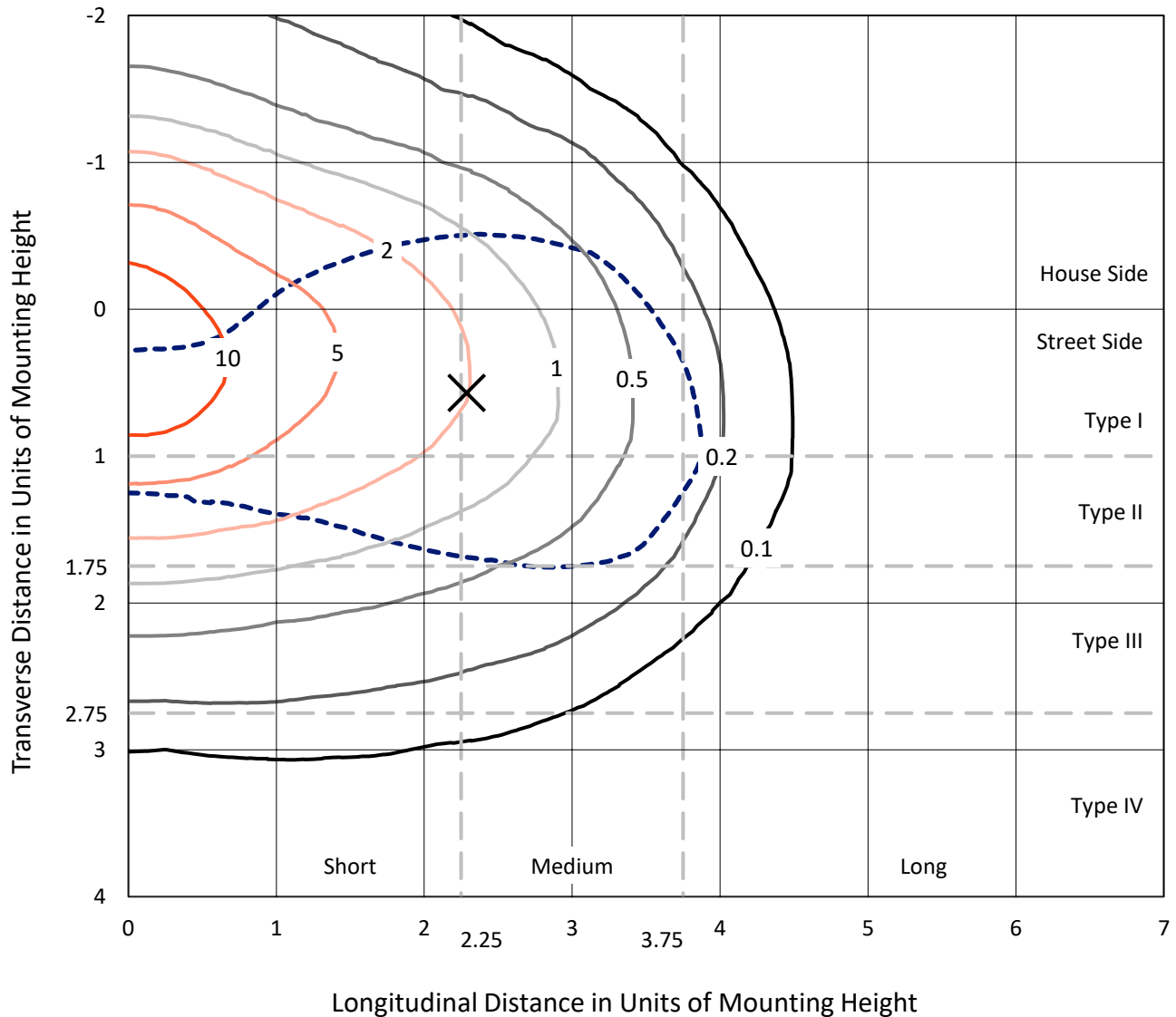
Input Watts (W): 58.2
Input Voltage (V): 120
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): 5%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
- - - 1/2 Max cd

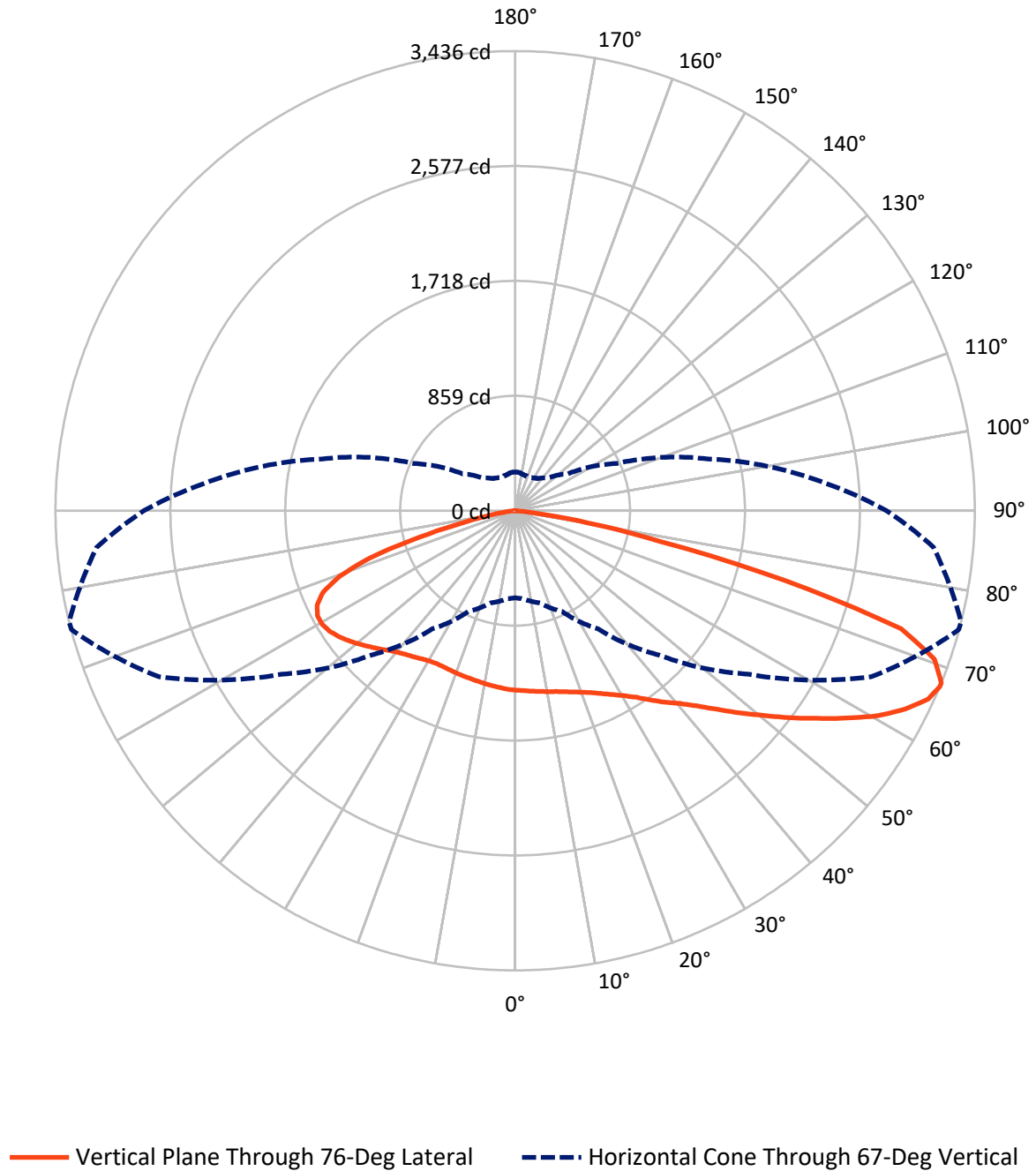


Based on 10 foot mounting height. Maximum calculated value = 15.2 fc
Type II - Medium - N/A

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Luminous Intensity Polar Plot



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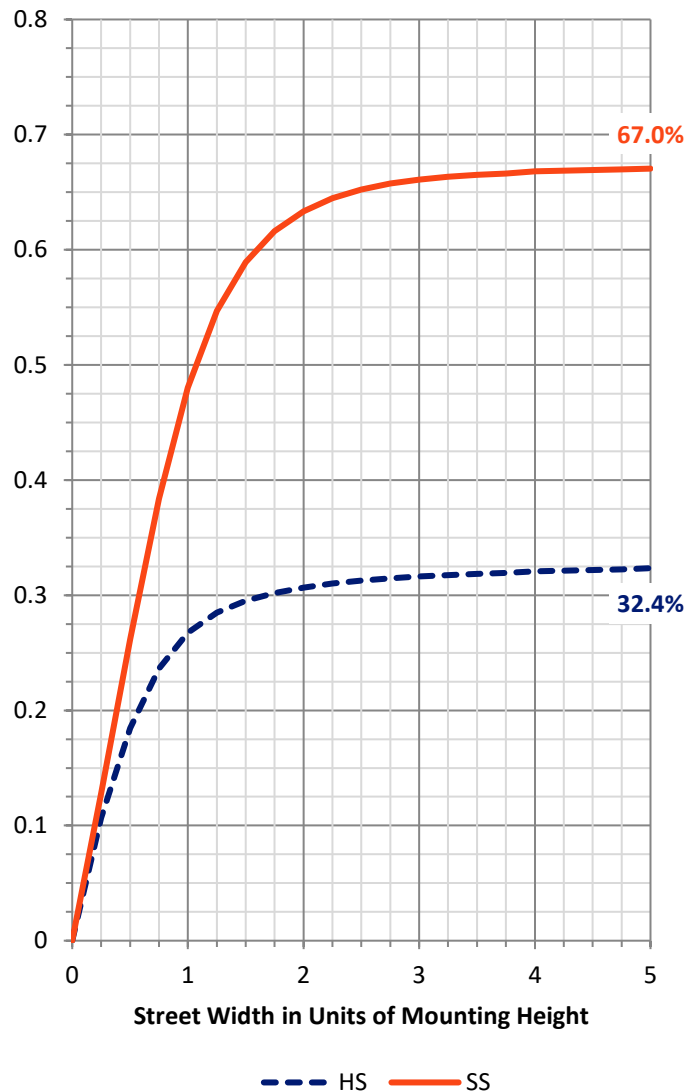
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2276.7	0.0	2276.7
	% Fixture	33.0	0.0	33.0
Street Side	Lumens	4624.1	0.0	4624.1
	% Fixture	67.0	0.0	67.0
Total	Lumens	6900.8	0.0	6900.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	129.0	1.9
10°-20°	394.5	5.7
20°-30°	678.7	9.8
30°-40°	975.2	14.1
40°-50°	1236.8	17.9
50°-60°	1358.1	19.7
60°-70°	1317.1	19.1
70°-80°	727.2	10.5
80°-90°	84.3	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°	6900.8	100.0
0°-180°	6900.8	100.0



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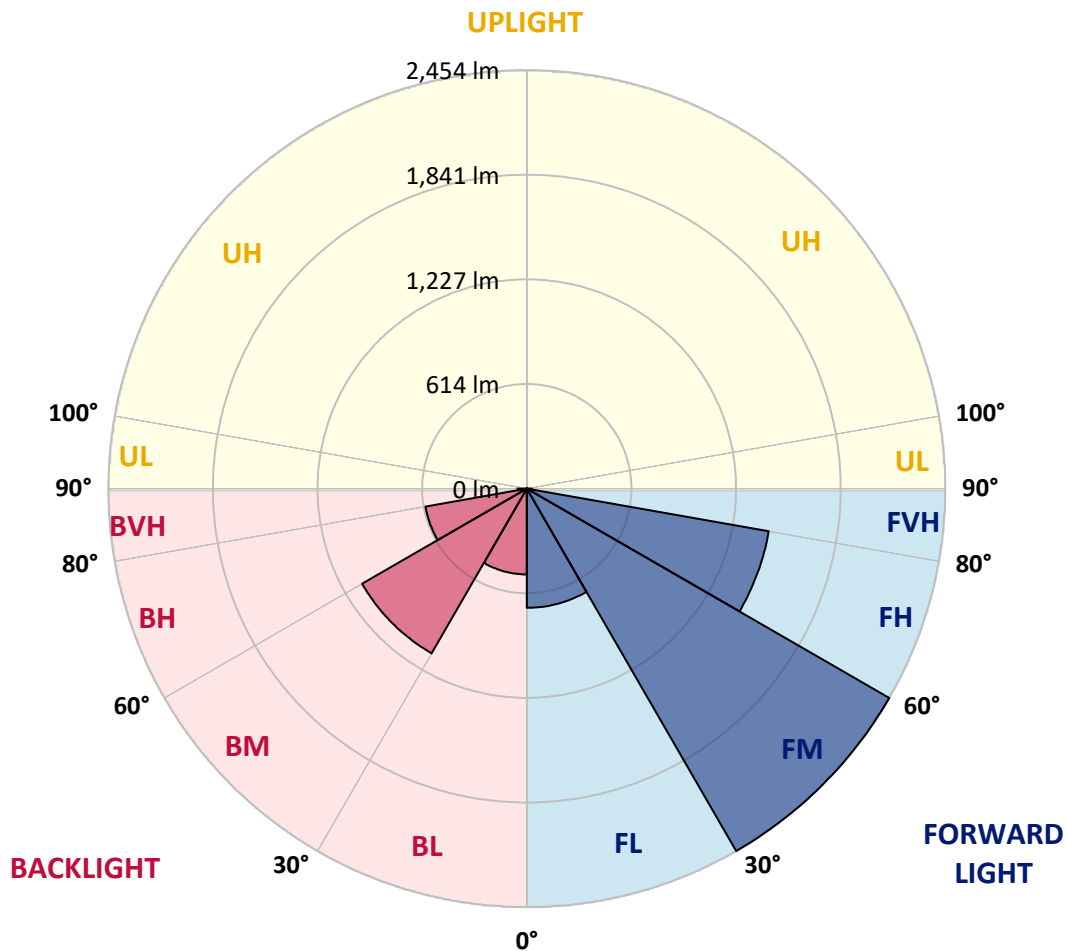
CATALOG NUMBER: GKO-PB2C-722-U-T2U

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	699.1	10.1			
FM	(30°-60°)	2454.4	35.6			
FH	(60°-80°)	1440.8	20.9			G1/1800
FVH	(80°-90°)	29.8	0.4			G1/100
BL	(0°-30°)	503.0	7.3	B2/1000		
BM	(30°-60°)	1115.6	16.2	B2/2500		
BH	(60°-80°)	603.5	8.7	B2/1000		G2/1000
BVH	(80°-90°)	54.5	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°	1341.4	1341.4	1341.4	1341.4	1341.4	1341.4	1341.4	1341.4	1341.4	1341.4	1341.4
2.5°	1381.5	1380.1	1378.8	1378.8	1373.5	1368.1	1362.8	1358.8	1348.1	1346.8	1341.4
5°	1422.9	1422.9	1418.9	1417.5	1409.5	1396.2	1384.2	1372.1	1357.5	1354.8	1342.8
7.5°	1476.3	1476.3	1469.6	1464.2	1452.2	1430.9	1409.5	1388.2	1366.8	1364.1	1345.4
10°	1544.3	1544.3	1539.0	1527.0	1501.6	1473.6	1438.9	1405.5	1377.5	1374.8	1348.1
12.5°	1615.1	1616.4	1608.4	1591.0	1560.3	1517.6	1474.9	1426.9	1390.8	1386.8	1353.5
15°	1687.1	1688.5	1683.1	1664.5	1623.1	1571.0	1513.6	1456.2	1408.2	1404.2	1361.5
17.5°	1757.9	1760.6	1755.2	1733.9	1685.8	1629.8	1559.0	1486.9	1429.5	1424.2	1374.8
20°	1824.6	1824.6	1824.6	1800.6	1753.9	1689.8	1608.4	1524.3	1453.6	1448.2	1390.8
22.5°	1884.7	1887.4	1891.4	1878.0	1824.6	1753.9	1665.8	1565.7	1484.3	1477.6	1410.8
25°	1944.8	1946.1	1956.8	1947.4	1895.4	1822.0	1727.2	1617.7	1521.6	1515.0	1434.9
27.5°	2014.2	2018.2	2024.8	2020.8	1962.1	1890.0	1795.3	1675.1	1563.0	1556.3	1464.2
30°	2095.6	2095.6	2099.6	2092.9	2034.2	1962.1	1863.3	1735.2	1615.1	1604.4	1500.3
32.5°	2162.3	2169.0	2166.3	2163.7	2102.3	2030.2	1932.7	1801.9	1675.1	1661.8	1549.7
35°	2225.1	2226.4	2225.1	2227.7	2166.3	2098.3	2006.2	1879.4	1741.9	1736.5	1612.4
37.5°	2261.1	2263.8	2270.4	2278.4	2223.7	2159.7	2079.6	1964.8	1824.6	1815.3	1687.1
40°	2278.4	2282.5	2318.5	2330.5	2271.8	2218.4	2157.0	2042.2	1904.7	1894.0	1761.9
42.5°	2305.1	2337.2	2355.9	2358.5	2307.8	2261.1	2223.7	2130.3	2003.5	1994.1	1862.0
45°	2217.0	2205.0	2254.4	2311.8	2309.1	2289.1	2287.8	2229.1	2125.0	2115.6	1975.5
47.5°	2106.3	2096.9	2123.6	2207.7	2267.8	2301.1	2350.5	2345.2	2271.8	2258.4	2107.6
50°	1842.0	1858.0	1988.8	2103.6	2207.7	2305.1	2403.9	2466.7	2414.6	2403.9	2247.7
52.5°	1595.0	1605.7	1695.2	1968.8	2130.3	2293.1	2450.6	2594.8	2581.4	2569.4	2401.2
55°	1421.5	1432.2	1575.0	1749.9	2015.5	2231.7	2481.3	2716.3	2751.0	2738.9	2564.1
57.5°	1240.0	1257.4	1354.8	1508.3	1862.0	2130.3	2492.0	2839.1	2935.2	2924.5	2720.3
60°	1065.1	1089.2	1146.6	1313.4	1672.5	2010.2	2464.0	2937.8	3112.7	3112.7	2881.8
62.5°	903.6	917.0	977.0	1127.9	1432.2	1856.7	2393.2	3000.6	3275.5	3268.8	3023.2
65°	770.2	776.8	824.9	954.4	1230.7	1687.1	2270.4	2996.6	3391.6	3393.0	3116.7
67°	650.0	660.7	714.1	831.6	1077.2	1527.0	2129.0	2936.5	3433.0	3435.7	3139.4
67.5°	608.7	620.7	679.4	800.9	1045.1	1482.9	2095.6	2911.1	3430.4	3435.7	3132.7
70°	419.1	421.8	520.6	659.4	859.6	1249.3	1864.7	2734.9	3328.9	3324.9	2987.2
72.5°	267.0	262.9	357.7	481.9	691.4	1011.8	1573.7	2426.6	3020.6	3016.6	2633.5
75°	177.5	181.5	241.6	344.4	485.9	782.2	1226.7	1831.3	2098.3	2082.2	1737.9
77.5°	126.8	124.1	149.5	248.3	325.7	475.2	666.0	974.4	1114.5	1114.5	954.4
80°	69.4	70.7	81.4	137.5	184.2	185.5	249.6	488.5	544.6	556.6	463.2
82.5°	20.0	21.4	29.4	46.7	50.7	56.1	86.8	140.2	146.8	154.8	125.5
85°	0.0	0.0	0.0	1.3	5.3	6.7	6.7	8.0	13.3	13.3	14.7
87.5°	0.0	0.0	0.0	0.0	0.0	1.3	1.3	2.7	5.3	5.3	6.7
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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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1341.4	1341.4	1341.4	1341.4	1341.4	1341.4	1341.4	1341.4	1341.4	1341.4	1341.4
2.5°	1340.1	1341.4	1336.1	1329.4	1324.1	1321.4	1313.4	1306.7	1310.7	1314.7	1314.7
5°	1338.8	1337.4	1326.8	1314.7	1306.7	1301.4	1288.1	1278.7	1280.0	1284.0	1282.7
7.5°	1338.8	1333.4	1318.8	1301.4	1288.1	1277.4	1260.0	1249.3	1248.0	1250.7	1248.0
10°	1340.1	1330.8	1310.7	1286.7	1268.0	1252.0	1230.7	1218.6	1214.6	1216.0	1213.3
12.5°	1342.8	1328.1	1302.7	1272.0	1248.0	1226.7	1202.6	1187.9	1185.3	1187.9	1187.9
15°	1346.8	1328.1	1296.1	1258.7	1226.7	1202.6	1178.6	1165.3	1165.3	1166.6	1166.6
17.5°	1354.8	1332.1	1290.7	1244.0	1205.3	1178.6	1157.2	1147.9	1149.2	1153.2	1153.2
20°	1362.8	1337.4	1285.4	1229.3	1186.6	1155.9	1138.6	1131.9	1137.2	1142.6	1142.6
22.5°	1374.8	1344.1	1280.0	1216.0	1165.3	1134.6	1119.9	1114.5	1119.9	1126.5	1123.9
25°	1393.5	1356.1	1276.0	1204.0	1145.2	1111.9	1097.2	1091.8	1094.5	1099.8	1099.8
27.5°	1414.9	1370.8	1274.7	1189.3	1121.2	1085.2	1067.8	1059.8	1059.8	1061.1	1062.5
30°	1450.9	1396.2	1280.0	1178.6	1099.8	1057.1	1034.4	1022.4	1021.1	1026.4	1026.4
32.5°	1493.6	1430.9	1293.4	1169.3	1078.5	1023.8	993.1	983.7	981.1	985.1	981.1
35°	1541.7	1469.6	1310.7	1167.9	1057.1	987.7	953.0	942.3	934.3	931.7	929.0
37.5°	1609.7	1523.0	1328.1	1161.2	1035.8	949.0	911.6	889.0	879.6	876.9	876.9
40°	1676.5	1575.0	1349.5	1150.6	1010.4	910.3	856.9	831.6	827.6	827.6	827.6
42.5°	1760.6	1643.1	1378.8	1143.9	979.7	871.6	798.2	768.8	768.8	768.8	767.5
45°	1864.7	1732.5	1416.2	1141.2	950.4	824.9	735.5	696.7	695.4	694.1	692.7
47.5°	1986.1	1826.0	1452.2	1134.6	915.7	768.8	663.4	620.7	611.3	608.7	604.6
50°	2111.6	1927.4	1490.9	1125.2	874.3	703.4	595.3	545.9	525.9	519.2	521.9
52.5°	2245.1	2026.2	1528.3	1111.9	824.9	638.0	525.9	473.8	453.8	445.8	444.5
55°	2375.9	2126.3	1563.0	1094.5	771.5	571.3	467.2	416.4	399.1	396.4	396.4
57.5°	2508.0	2222.4	1589.7	1069.1	712.8	512.6	416.4	375.1	363.1	368.4	368.4
60°	2628.2	2306.5	1603.1	1034.4	654.0	459.2	376.4	345.7	340.4	353.7	352.4
62.5°	2736.3	2362.5	1596.4	983.7	596.6	413.8	345.7	323.0	324.3	340.4	341.7
65°	2788.3	2371.9	1557.7	914.3	532.6	375.1	313.7	292.3	295.0	312.3	316.3
67°	2776.3	2335.8	1493.6	835.6	480.5	345.7	293.6	272.3	273.6	288.3	289.6
67.5°	2763.0	2318.5	1476.3	811.5	467.2	340.4	288.3	268.3	271.0	284.3	284.3
70°	2585.4	2142.3	1316.1	688.7	404.4	303.0	262.9	249.6	252.3	260.3	260.3
72.5°	2259.8	1855.3	1065.1	552.6	343.0	268.3	237.6	229.6	229.6	229.6	222.9
75°	1441.5	1162.6	696.7	423.1	283.0	229.6	213.6	204.2	198.9	206.9	204.2
77.5°	796.9	607.3	363.1	242.9	204.2	190.9	185.5	181.5	180.2	198.9	193.5
80°	377.7	300.3	204.2	138.8	117.5	141.5	160.2	157.5	188.2	257.6	258.9
82.5°	120.1	98.8	82.8	76.1	78.8	101.4	124.1	142.8	244.3	276.3	272.3
85°	14.7	13.3	9.3	30.7	52.1	74.7	96.1	185.5	224.2	186.9	176.2
87.5°	5.3	5.3	5.3	21.4	40.0	57.4	86.8	186.9	137.5	125.5	114.8
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: SP2-2501-321-2

Test Date: 04/09/2025

Luminaire Tested: GKO-PB1E-722-U-T4W

Data in this report applies to families of products including GKO-PB1E-722-U-T4W

Test Information

Test Method: LM-79-2019
 Report Number: SP2-2501-321-2
 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-722-U-T4W**
 Description: Gekko Wedge Wall Pack Fixture 1 SQ w/ T4W distribution

Spectral Parameters

CCT (K):	2281	CRI (Ra):	70.6		
CIE u':	0.2851	R1:	68.4	R9:	-35.1
CIE v':	0.5324	R2:	88.7	R10:	78.0
Duv:	-0.0016	R3:	85.7	R11:	60.2
CIE x:	0.4942	R4:	63.2	R12:	73.8
CIE y:	0.4102	R5:	69.0	R13:	72.8
CIE z:	0.0956	R6:	88.6	R14:	92.4
Peak Wavelength (nm):	602	R7:	68.8	R15:	58.4
Dominant Wavelength (nm):	587	R8:	32.6		
Purity:	71.48321				
Rf:	76.9				
Rg:	92.6				



Test Conditions

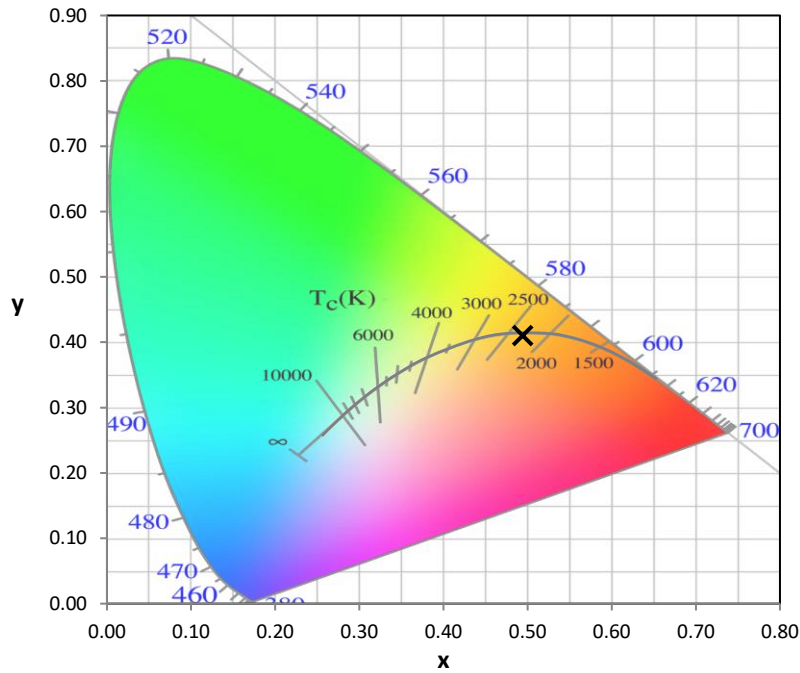
Stabilization Time: 40M
 Operation Time: 1H 40M
 Sphere Temperature (°C): 25.0

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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 2200K 4-step quadrangle

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Photopic Flux vs. Wavelength



Photopic Lumens: NR

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	124	NR	620	894	NR	750	22	NR	880	0	NR
365	0	NR	495	141	NR	625	837	NR	755	19	NR	885	0	NR
370	0	NR	500	163	NR	630	774	NR	760	16	NR	890	0	NR
375	0	NR	505	184	NR	635	706	NR	765	13	NR	895	0	NR
380	0	NR	510	204	NR	640	638	NR	770	11	NR	900	0	NR
385	0	NR	515	221	NR	645	570	NR	775	10	NR	905	0	NR
390	0	NR	520	237	NR	650	505	NR	780	8	NR	910	0	NR
395	0	NR	525	252	NR	655	446	NR	785	7	NR	915	0	NR
400	0	NR	530	268	NR	660	389	NR	790	6	NR	920	0	NR
405	1	NR	535	287	NR	665	339	NR	795	5	NR	925	0	NR
410	2	NR	540	310	NR	670	292	NR	800	4	NR	930	0	NR
415	5	NR	545	339	NR	675	253	NR	805	4	NR	935	0	NR
420	9	NR	550	377	NR	680	217	NR	810	3	NR	940	0	NR
425	15	NR	555	424	NR	685	186	NR	815	3	NR	945	0	NR
430	26	NR	560	482	NR	690	158	NR	820	2	NR	950	0	NR
435	43	NR	565	551	NR	695	135	NR	825	2	NR	955	0	NR
440	71	NR	570	632	NR	700	114	NR	830	2	NR	960	0	NR
445	123	NR	575	714	NR	705	97	NR	835	2	NR	965	0	NR
450	210	NR	580	797	NR	710	82	NR	840	1	NR	970	0	NR
455	245	NR	585	873	NR	715	70	NR	845	1	NR	975	0	NR
460	190	NR	590	934	NR	720	59	NR	850	1	NR	980	0	NR
465	161	NR	595	975	NR	725	50	NR	855	1	NR	985	0	NR
470	145	NR	600	996	NR	730	43	NR	860	1	NR	990	0	NR
475	117	NR	605	997	NR	735	36	NR	865	1	NR	995	0	NR
480	107	NR	610	978	NR	740	30	NR	870	1	NR	1000	0	NR
485	113	NR	615	945	NR	745	26	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



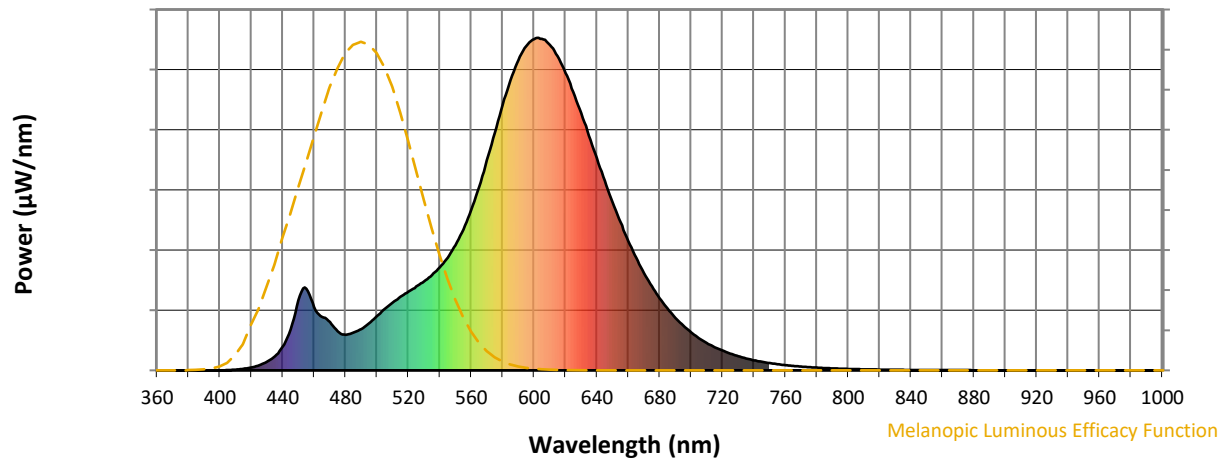
Scotopic Lumens: NR

S/P: 0.98

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	124	NR	620	894	NR	750	22	NR	880	0	NR
365	0	NR	495	141	NR	625	837	NR	755	19	NR	885	0	NR
370	0	NR	500	163	NR	630	774	NR	760	16	NR	890	0	NR
375	0	NR	505	184	NR	635	706	NR	765	13	NR	895	0	NR
380	0	NR	510	204	NR	640	638	NR	770	11	NR	900	0	NR
385	0	NR	515	221	NR	645	570	NR	775	10	NR	905	0	NR
390	0	NR	520	237	NR	650	505	NR	780	8	NR	910	0	NR
395	0	NR	525	252	NR	655	446	NR	785	7	NR	915	0	NR
400	0	NR	530	268	NR	660	389	NR	790	6	NR	920	0	NR
405	1	NR	535	287	NR	665	339	NR	795	5	NR	925	0	NR
410	2	NR	540	310	NR	670	292	NR	800	4	NR	930	0	NR
415	5	NR	545	339	NR	675	253	NR	805	4	NR	935	0	NR
420	9	NR	550	377	NR	680	217	NR	810	3	NR	940	0	NR
425	15	NR	555	424	NR	685	186	NR	815	3	NR	945	0	NR
430	26	NR	560	482	NR	690	158	NR	820	2	NR	950	0	NR
435	43	NR	565	551	NR	695	135	NR	825	2	NR	955	0	NR
440	71	NR	570	632	NR	700	114	NR	830	2	NR	960	0	NR
445	123	NR	575	714	NR	705	97	NR	835	2	NR	965	0	NR
450	210	NR	580	797	NR	710	82	NR	840	1	NR	970	0	NR
455	245	NR	585	873	NR	715	70	NR	845	1	NR	975	0	NR
460	190	NR	590	934	NR	720	59	NR	850	1	NR	980	0	NR
465	161	NR	595	975	NR	725	50	NR	855	1	NR	985	0	NR
470	145	NR	600	996	NR	730	43	NR	860	1	NR	990	0	NR
475	117	NR	605	997	NR	735	36	NR	865	1	NR	995	0	NR
480	107	NR	610	978	NR	740	30	NR	870	1	NR	1000	0	NR
485	113	NR	615	945	NR	745	26	NR	875	1	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 1.75

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	124	NR	620	894	NR	750	22	NR	880	0	NR
365	0	NR	495	141	NR	625	837	NR	755	19	NR	885	0	NR
370	0	NR	500	163	NR	630	774	NR	760	16	NR	890	0	NR
375	0	NR	505	184	NR	635	706	NR	765	13	NR	895	0	NR
380	0	NR	510	204	NR	640	638	NR	770	11	NR	900	0	NR
385	0	NR	515	221	NR	645	570	NR	775	10	NR	905	0	NR
390	0	NR	520	237	NR	650	505	NR	780	8	NR	910	0	NR
395	0	NR	525	252	NR	655	446	NR	785	7	NR	915	0	NR
400	0	NR	530	268	NR	660	389	NR	790	6	NR	920	0	NR
405	1	NR	535	287	NR	665	339	NR	795	5	NR	925	0	NR
410	2	NR	540	310	NR	670	292	NR	800	4	NR	930	0	NR
415	5	NR	545	339	NR	675	253	NR	805	4	NR	935	0	NR
420	9	NR	550	377	NR	680	217	NR	810	3	NR	940	0	NR
425	15	NR	555	424	NR	685	186	NR	815	3	NR	945	0	NR
430	26	NR	560	482	NR	690	158	NR	820	2	NR	950	0	NR
435	43	NR	565	551	NR	695	135	NR	825	2	NR	955	0	NR
440	71	NR	570	632	NR	700	114	NR	830	2	NR	960	0	NR
445	123	NR	575	714	NR	705	97	NR	835	2	NR	965	0	NR
450	210	NR	580	797	NR	710	82	NR	840	1	NR	970	0	NR
455	245	NR	585	873	NR	715	70	NR	845	1	NR	975	0	NR
460	190	NR	590	934	NR	720	59	NR	850	1	NR	980	0	NR
465	161	NR	595	975	NR	725	50	NR	855	1	NR	985	0	NR
470	145	NR	600	996	NR	730	43	NR	860	1	NR	990	0	NR
475	117	NR	605	997	NR	735	36	NR	865	1	NR	995	0	NR
480	107	NR	610	978	NR	740	30	NR	870	1	NR	1000	0	NR
485	113	NR	615	945	NR	745	26	NR	875	1	NR			

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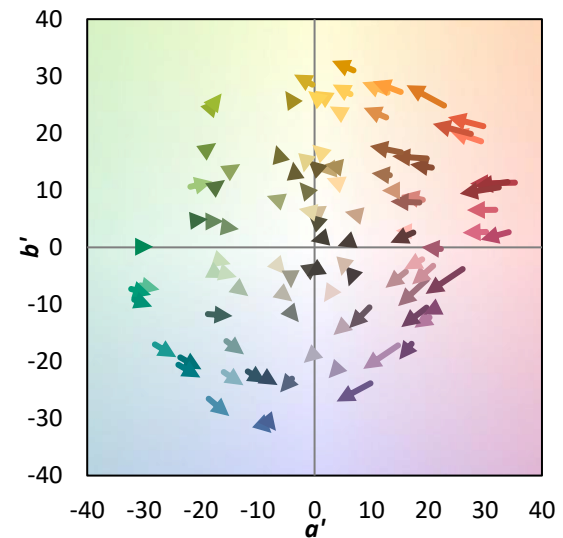
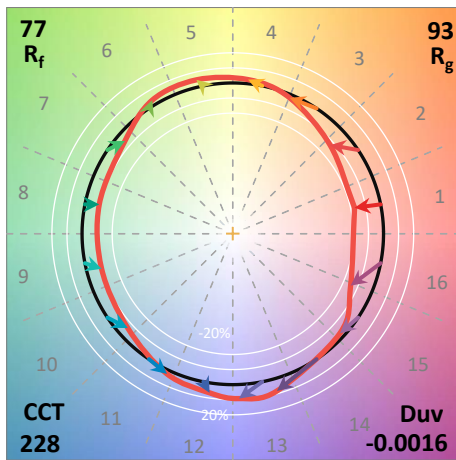
TM-30-18

Summary

$R_f = 76.9$
 $R_g = 92.6$
 $CIE R_a = 70.6$
 $R_g = -35.1$

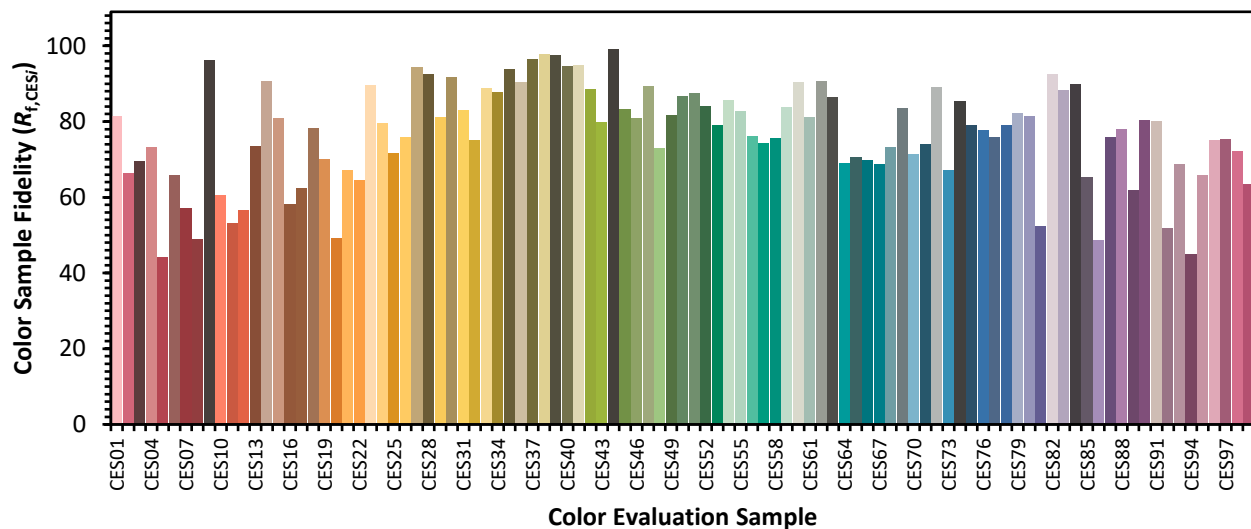


Color Vector Graphics



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

CES01 = 87	CES26 = 76	CES51 = 88	CES76 = 78
CES02 = 65	CES27 = 94	CES52 = 84	CES77 = 76
CES03 = 32	CES28 = 93	CES53 = 79	CES78 = 79
CES04 = 72	CES29 = 81	CES54 = 86	CES79 = 82
CES05 = 51	CES30 = 92	CES55 = 83	CES80 = 81
CES06 = 52	CES31 = 83	CES56 = 76	CES81 = 52
CES07 = 44	CES32 = 75	CES57 = 74	CES82 = 92
CES08 = 42	CES33 = 89	CES58 = 76	CES83 = 88
CES09 = 29	CES34 = 88	CES59 = 84	CES84 = 90
CES10 = 79	CES35 = 94	CES60 = 91	CES85 = 65
CES11 = 62	CES36 = 90	CES61 = 81	CES86 = 49
CES12 = 68	CES37 = 96	CES62 = 91	CES87 = 76
CES13 = 44	CES38 = 98	CES63 = 86	CES88 = 78
CES14 = 75	CES39 = 98	CES64 = 69	CES89 = 62
CES15 = 72	CES40 = 95	CES65 = 71	CES90 = 80
CES16 = 48	CES41 = 95	CES66 = 70	CES91 = 80
CES17 = 51	CES42 = 89	CES67 = 69	CES92 = 52
CES18 = 57	CES43 = 80	CES68 = 73	CES93 = 69
CES19 = 74	CES44 = 99	CES69 = 84	CES94 = 45
CES20 = 68	CES45 = 83	CES70 = 71	CES95 = 66
CES21 = 88	CES46 = 81	CES71 = 74	CES96 = 75
CES22 = 81	CES47 = 89	CES72 = 89	CES97 = 75
CES23 = 92	CES48 = 73	CES73 = 67	CES98 = 72
CES24 = 92	CES49 = 82	CES74 = 85	CES99 = 64
CES25 = 73	CES50 = 87	CES75 = 79	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)