

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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Peachtree City, GA 30269

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: STREETWORKS

Report Number: P1461392

Luminaire Tested: USSL-150-730-U-T2U-HSS

Issue Date: 06/10/2026

Test Information

Test Method: LM-79-2024
Report Number: P1461392
Test Lab: INNOVATION CENTER(G3)
Issue Date: 6/11/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: STREETWORKS
Catalog Number: USSL-150-730-U-T2U-HSS
Description: USSL DISCRETE LED 1 SQUARE 150W 70CRI 3000K FIXTURE w/ TYPE II URBAN
DISTRIBUTION OPTIC AND HOUSE SIDE SHIELD
Light Source: (40) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 14011.6 lumens
Efficiency: N/A
Efficacy: 92.2 lumens/watt
Luminous Opening: Rectangular (W 0.67' x L: 0.67' x H: 0')
IES Classification: Type II - Short
BUG Rating: B2 - U0 - G2

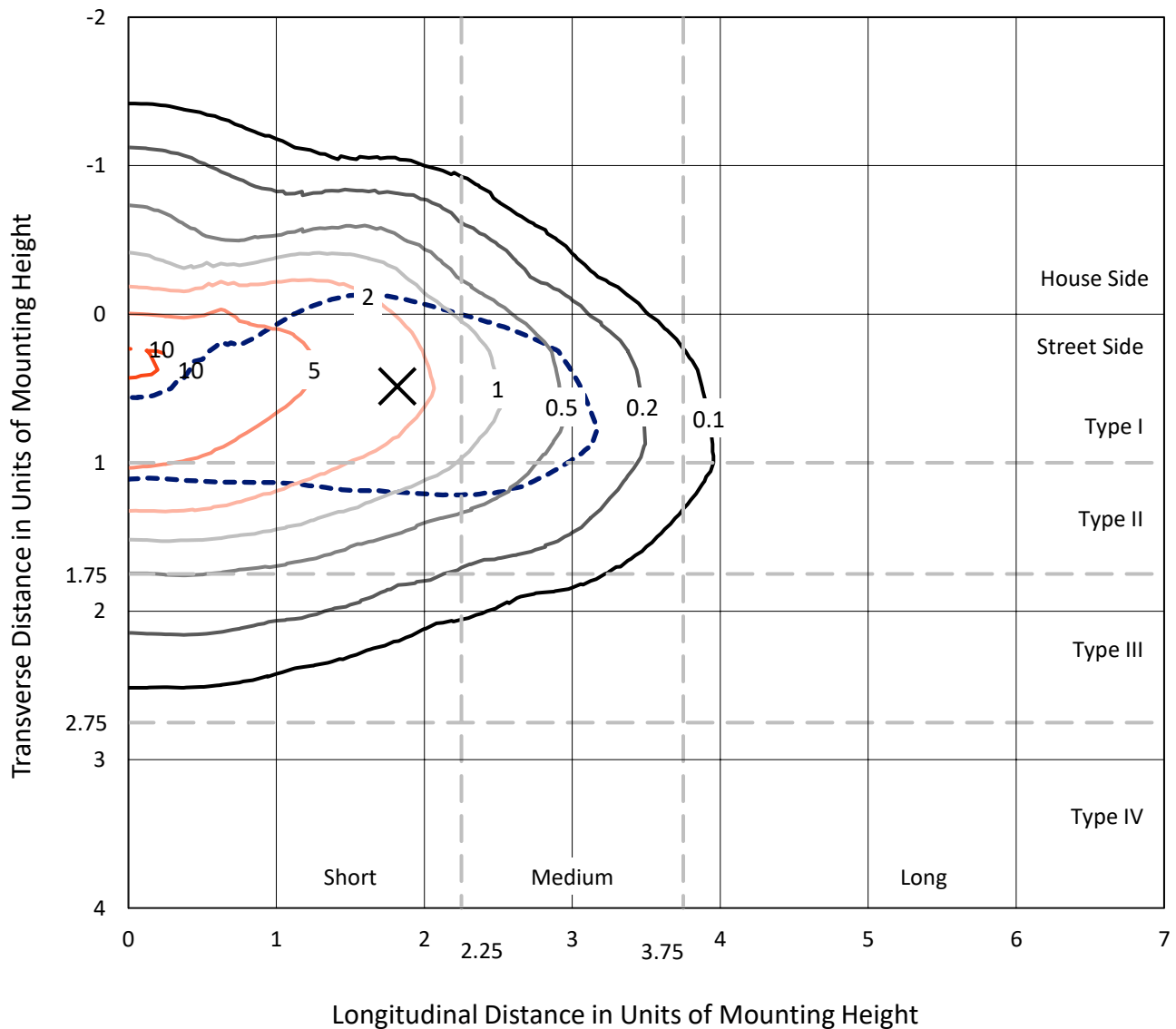
Input Watts (W): 152
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.98
Total Harmonic Distortion (THDi): 2.75%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 --- 1/2 Max cd

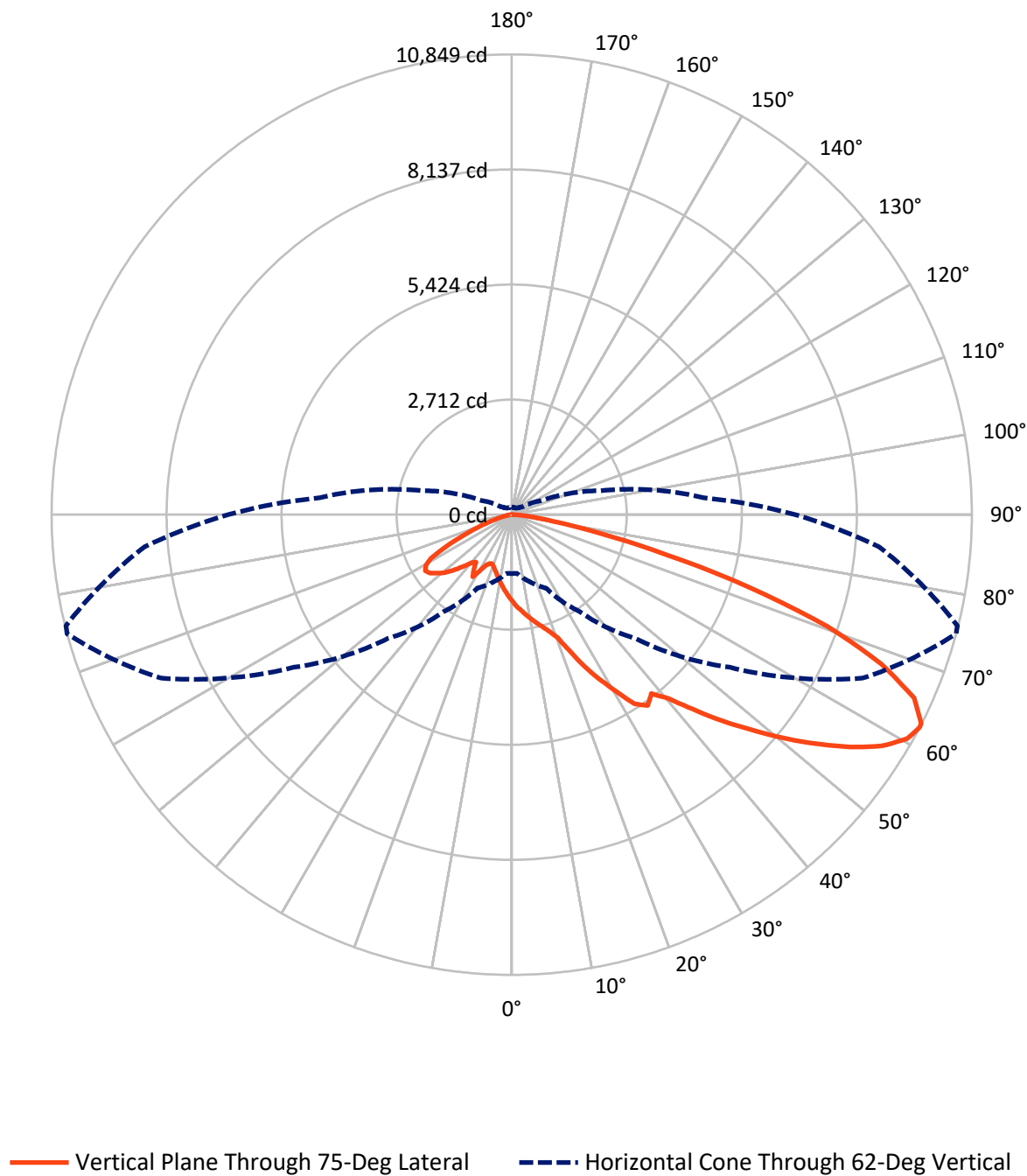


Based on 20 foot mounting height. Maximum calculated value = 10.7 fc
 Type II - Short - N/A

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Luminous Intensity Polar Plot



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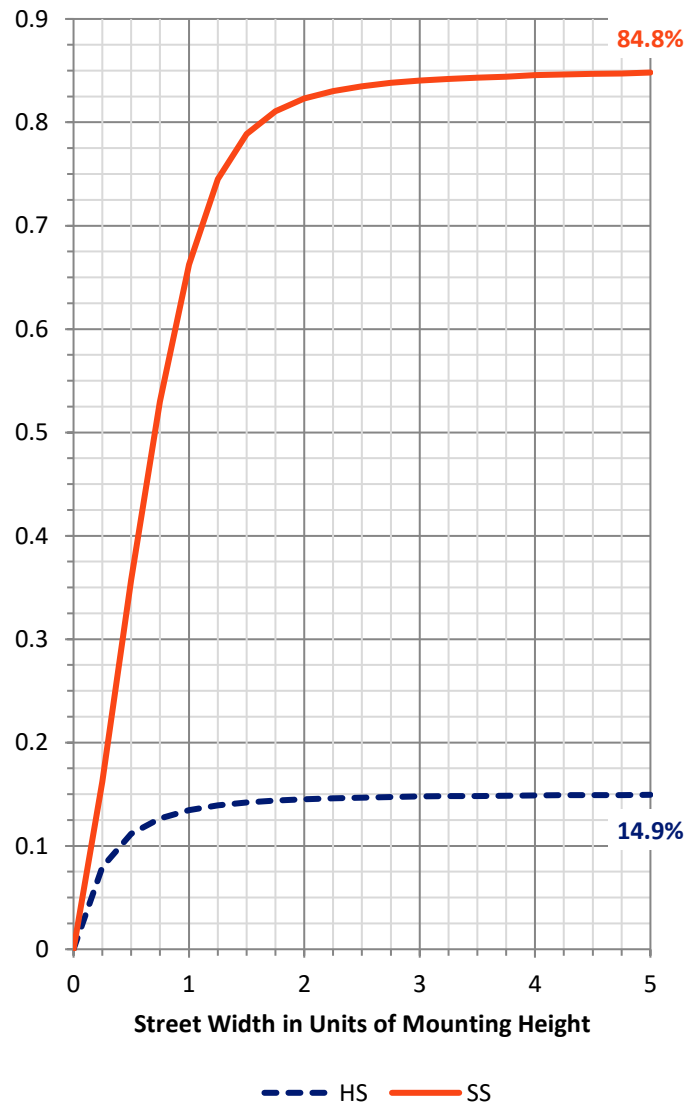
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	2112.3	0.0	2112.3
	% Fixture	15.1	0.0	15.1
Street Side	Lumens	11899.3	0.0	11899.3
	% Fixture	84.9	0.0	84.9
Total	Lumens	14011.6	0.0	14011.6
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	201.0	1.4
10°-20°	678.5	4.8
20°-30°	1283.8	9.2
30°-40°	2071.3	14.8
40°-50°	2881.7	20.6
50°-60°	3272.2	23.4
60°-70°	2567.0	18.3
70°-80°	934.1	6.7
80°-90°	122.0	0.9
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°	14011.6	100.0
0°-180°	14011.6	100.0

Coefficient of Utilization



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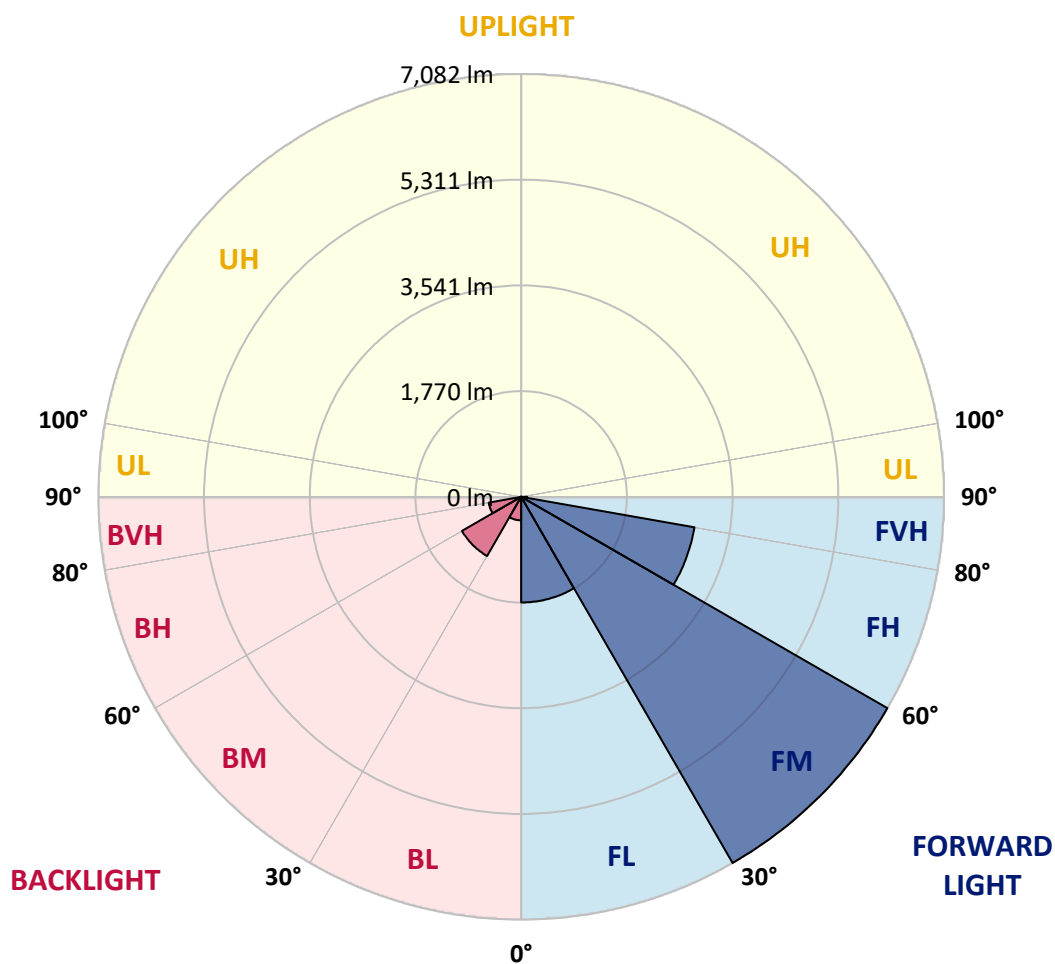
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1769.3	12.6			
FM	(30°-60°)	7081.9	50.5			
FH	(60°-80°)	2948.2	21.0			G2/5000
FVH	(80°-90°)	99.9	0.7			G1/100
BL	(0°-30°)	394.0	2.8	B1/500		
BM	(30°-60°)	1143.3	8.2	B2/2500		
BH	(60°-80°)	552.9	3.9	B2/1000		G2/1000
BVH	(80°-90°)	22.0	0.2			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 Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	76°	85°
0°	2038.3	2038.3	2038.3	2038.3	2038.3	2038.3	2038.3	2038.3	2038.3	2038.3	2038.3
2.5°	2485.0	2475.5	2466.0	2446.9	2415.5	2349.8	2287.8	2231.6	2159.3	2144.0	2082.1
5°	2927.9	2934.6	2888.9	2857.4	2774.6	2666.0	2550.7	2411.7	2260.2	2248.8	2115.4
7.5°	3412.7	3413.7	3351.8	3287.9	3165.1	2991.7	2795.5	2595.5	2376.4	2350.7	2146.9
10°	3912.8	3871.8	3840.4	3746.1	3572.7	3327.9	3076.5	2790.7	2493.6	2456.4	2185.9
12.5°	4259.5	4245.2	4193.7	4086.1	3932.8	3688.0	3369.9	2988.9	2618.3	2568.8	2232.6
15°	4664.3	4618.5	4537.6	4419.5	4251.8	3998.5	3650.8	3215.5	2746.0	2695.5	2287.8
17.5°	5080.5	5033.8	4995.7	4873.8	4670.9	4321.4	3937.5	3465.1	2898.4	2831.7	2351.7
20°	5241.5	5222.4	5239.6	5222.4	5116.7	4867.1	4386.1	3753.7	3091.7	3013.6	2450.7
22.5°	5041.4	5029.1	5094.8	5177.6	5239.6	5223.4	4938.6	4335.7	3476.5	3372.7	2644.1
25°	4999.5	4998.6	5034.8	5081.4	5087.2	5134.8	5150.0	4813.8	3940.4	3821.3	2951.7
27.5°	5162.4	5127.2	5147.2	5213.8	5223.4	5229.1	5144.3	4985.2	4376.6	4271.8	3298.4
30°	5401.5	5364.3	5345.3	5372.9	5395.8	5453.9	5428.1	5207.2	4815.7	4747.1	3856.6
32.5°	5778.7	5736.7	5665.3	5616.7	5574.8	5693.9	5772.9	5677.7	5318.6	5243.4	4421.4
35°	6107.3	6090.1	6050.1	5949.1	5852.0	5948.2	6199.6	6209.2	5527.2	5411.0	4343.3
37.5°	6434.0	6403.5	6392.0	6318.7	6195.8	6162.5	6373.0	6206.3	5350.0	5219.6	4089.0
40°	6589.2	6562.5	6650.2	6650.2	6492.1	6372.0	6462.5	6306.3	5696.7	5601.5	4464.2
42.5°	6552.1	6532.1	6645.4	6688.3	6684.5	6625.4	6732.1	6744.5	6269.2	6165.4	5041.4
45°	6167.3	6089.2	6228.2	6538.7	6693.0	6792.1	7073.1	7275.9	6919.7	6803.5	5647.2
47.5°	5621.5	5552.0	5766.3	6210.1	6547.3	6868.3	7339.8	7780.8	7564.5	7451.2	6306.3
50°	4712.8	4763.3	5136.7	5693.9	6253.0	6835.9	7543.6	8253.2	8268.4	8151.3	6993.1
52.5°	3739.4	3787.0	4389.9	5042.4	5833.9	6586.4	7627.4	8752.3	8973.2	8866.6	7650.3
55°	2811.7	2886.0	3396.5	4224.2	5147.2	6186.3	7549.3	9138.0	9669.5	9609.5	8247.5
57.5°	2147.8	2202.1	2551.7	3316.5	4264.2	5620.5	7282.6	9375.2	10290.5	10230.5	8649.4
60°	1645.9	1674.4	1977.3	2431.7	3428.0	4848.1	6816.9	9358.0	10717.2	10674.4	8792.3
62°	1387.8	1388.7	1636.3	1909.7	2787.9	4127.1	6273.0	9121.8	10848.7	10831.5	8689.4
62.5°	1326.8	1363.0	1568.7	1815.4	2593.6	3943.2	6082.5	9012.3	10835.3	10819.1	8625.6
65°	1055.3	1083.0	1236.3	1386.8	1970.7	2892.7	5057.6	8287.5	10427.7	10427.7	8166.5
67.5°	858.2	862.9	977.2	1065.8	1435.4	1964.0	3747.0	7216.9	9405.7	9462.8	7363.6
70°	654.3	667.7	728.6	809.6	1037.2	1394.4	2528.8	5719.6	7902.7	7820.8	6126.3
72.5°	518.1	518.1	549.6	583.9	726.7	984.9	1732.5	4147.1	5861.5	5805.3	4501.4
75°	424.8	427.7	434.3	430.5	497.2	674.4	1134.4	2566.9	3752.7	3740.4	2731.7
77.5°	319.1	322.9	344.8	339.1	337.2	416.2	717.2	1391.6	2130.7	2126.9	1431.6
80°	241.9	241.9	250.5	247.6	237.2	261.0	434.3	755.3	1084.9	1093.4	762.9
82.5°	172.4	172.4	183.8	181.0	169.5	179.1	247.6	416.2	580.1	565.8	436.2
85°	97.2	100.0	102.9	110.5	107.6	112.4	145.7	206.7	285.7	299.1	242.9
87.5°	47.6	52.4	53.3	58.1	56.2	58.1	67.6	91.4	84.8	84.8	62.9
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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CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	2038.3	2038.3	2038.3	2038.3	2038.3	2038.3	2038.3	2038.3	2038.3	2038.3	2038.3
2.5°	2042.1	1999.2	1931.6	1857.3	1791.6	1744.0	1680.2	1639.2	1610.6	1604.0	1643.0
5°	2040.2	1963.0	1819.2	1687.8	1566.8	1470.6	1381.1	1312.5	1268.7	1242.0	1265.8
7.5°	2033.5	1928.8	1712.5	1521.1	1353.5	1223.9	1115.3	1049.6	998.2	982.0	973.4
10°	2043.1	1895.4	1615.4	1364.9	1173.4	1011.5	916.3	858.2	826.7	801.0	806.7
12.5°	2048.8	1864.0	1522.1	1236.3	1010.6	865.8	782.0	740.1	717.2	705.8	699.1
15°	2055.4	1840.2	1430.6	1100.1	874.4	758.2	691.5	659.1	638.2	634.3	627.7
17.5°	2086.9	1825.9	1351.6	987.7	769.6	669.6	622.0	597.2	582.9	580.1	577.2
20°	2139.3	1836.4	1286.8	893.4	690.5	607.7	566.7	548.6	541.0	538.1	536.2
22.5°	2268.8	1890.7	1243.9	818.2	627.7	554.3	522.9	511.5	506.7	504.8	502.9
25°	2513.6	2067.8	1267.7	769.6	582.9	506.7	484.8	479.1	474.3	473.4	473.4
27.5°	2779.3	2255.5	1342.0	765.8	552.4	472.4	452.4	448.6	446.7	446.7	446.7
30°	3267.9	2608.8	1504.9	844.8	558.1	444.8	422.9	421.0	422.9	425.8	425.8
32.5°	3755.6	3038.4	1727.8	919.1	570.5	421.9	397.2	397.2	401.9	407.7	407.7
35°	3726.1	3005.1	1578.2	798.2	503.9	394.3	373.4	374.3	384.8	390.5	390.5
37.5°	3420.3	2697.4	1400.1	701.0	462.9	373.4	351.5	353.4	364.8	371.5	372.4
40°	3679.4	2882.2	1464.0	715.3	448.6	358.1	332.4	335.3	344.8	350.5	349.6
42.5°	4157.5	3219.4	1602.1	742.0	437.2	345.7	317.2	317.2	322.9	326.7	325.7
45°	4669.0	3602.3	1769.7	764.8	424.8	335.3	304.8	300.0	301.9	302.9	301.0
47.5°	5235.7	4044.2	1941.1	793.4	413.4	325.7	288.6	282.9	281.0	278.1	280.0
50°	5814.8	4446.1	2108.8	812.5	402.9	313.4	274.3	263.8	259.1	255.3	254.3
52.5°	6390.1	4907.1	2242.1	823.9	391.5	299.1	258.1	243.8	237.2	231.5	229.5
55°	6890.2	5261.5	2371.7	829.6	379.1	283.8	240.0	222.9	211.4	204.8	203.8
57.5°	7156.9	5377.7	2427.9	829.6	364.8	266.7	221.9	201.9	194.3	188.6	187.6
60°	7053.1	5089.1	2345.0	818.2	344.8	246.7	201.9	186.7	181.9	184.8	184.8
62°	6680.6	4546.2	2169.7	783.9	324.8	225.7	188.6	176.2	173.4	177.2	179.1
62.5°	6558.7	4394.7	2083.1	772.5	318.1	221.9	185.7	172.4	171.4	175.3	174.3
65°	5733.9	3437.5	1638.3	686.7	286.7	201.0	170.5	161.9	166.7	166.7	165.7
67.5°	4849.0	2635.5	1189.6	573.4	255.3	182.9	155.3	155.3	154.3	151.4	150.5
70°	3811.8	1940.2	826.7	438.1	219.1	163.8	141.0	137.2	133.3	131.4	132.4
72.5°	2620.3	1366.8	546.7	326.7	177.2	137.2	121.9	116.2	111.4	108.6	107.6
75°	1560.2	835.3	363.8	219.1	135.3	115.2	100.0	93.3	90.5	85.7	85.7
77.5°	855.3	503.9	212.4	150.5	106.7	95.2	81.9	72.4	73.3	69.5	69.5
80°	455.3	263.8	131.4	101.9	81.0	78.1	67.6	60.0	58.1	49.5	47.6
82.5°	270.5	148.6	82.9	69.5	59.1	60.0	53.3	46.7	41.0	17.1	13.3
85°	154.3	73.3	39.1	34.3	29.5	35.2	31.4	23.8	15.2	2.9	3.8
87.5°	46.7	15.2	10.5	10.5	9.5	8.6	6.7	4.8	3.8	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

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

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
 CIE u' : 0.2482
 CIE v' : 0.5193
 Duv: -0.0004
 CIE x: 0.4313
 CIE y: 0.4010
 CIE z: 0.1677
 Peak Wavelength (nm): 593
 Dominant Wavelength (nm): 582
 Purity: 49.8225
 R_f: 74.7
 R_g: 94.2

CRI (Ra): 71.7
 R1: 68.1
 R2: 82.1
 R3: 93.4
 R4: 67.3
 R5: 67.2
 R6: 74.9
 R7: 77.5
 R8: 43.4
 R9: -33.9
 R10: 58.6
 R11: 62.0
 R12: 48.5
 R13: 70.7
 R14: 96.4
 R15: 60.2



Test Conditions

Stabilization Time: 30M
 Operation Time: 1H 30M
 Sphere Temperature (°C): 25.7

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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 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength

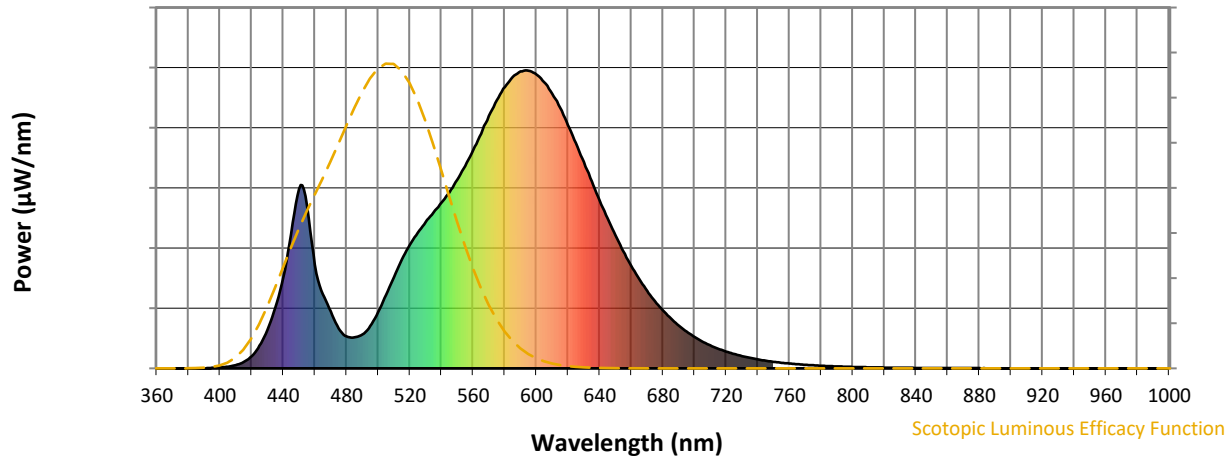


Photopic Lumens: NR

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	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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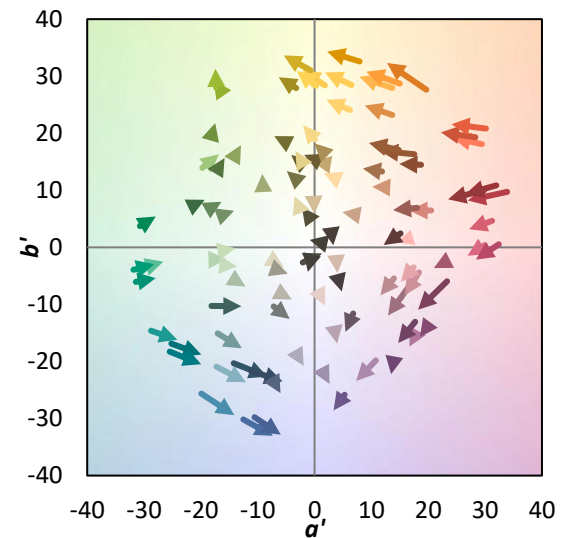
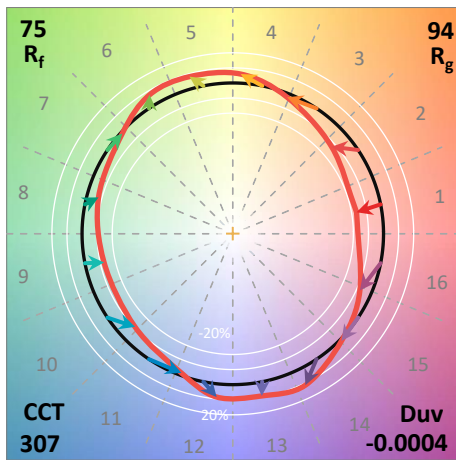
TM-30-18

Summary

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



Color Vector Graphics

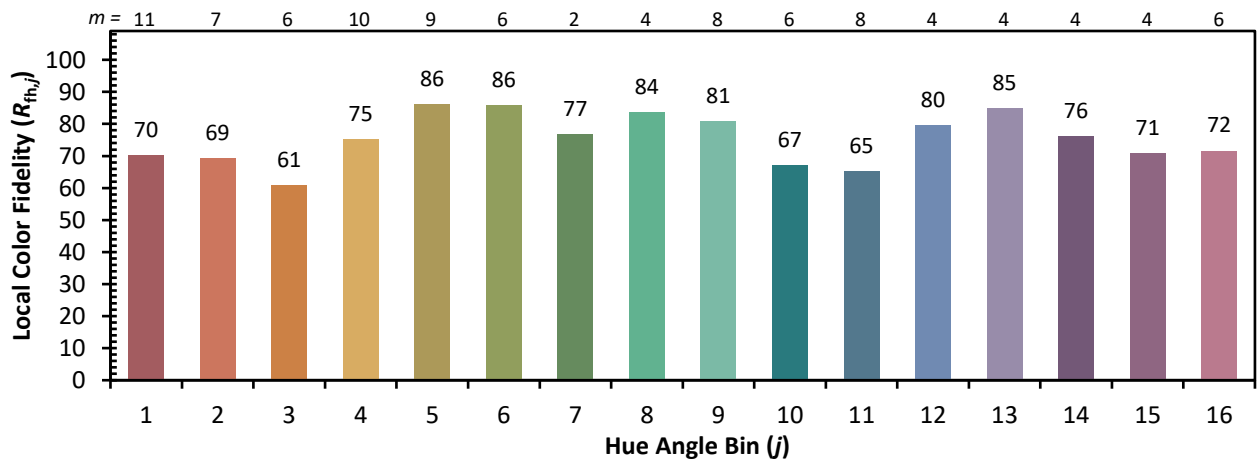
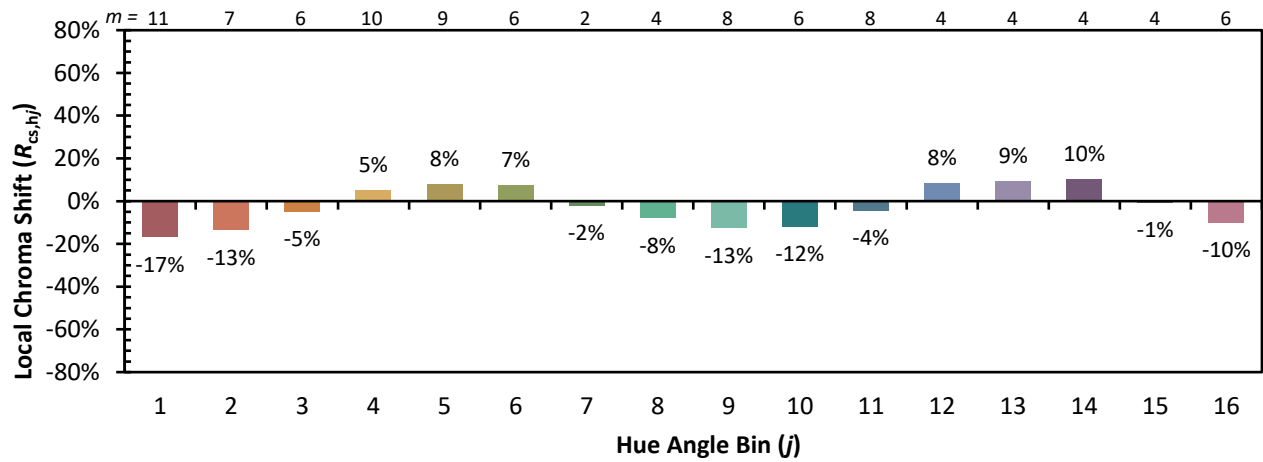


Individual Sample Fidelity Index ($R_{f,i}$)

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)