

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: P1462009

Luminaire Tested: PRV-P-30-727-U-T4W

Issue Date: 06/10/2026

Test Information

Test Method: LM-79-2024
Report Number: P1462009
Test Lab: INNOVATION CENTER(G3)
Issue Date: 6/11/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: STREETWORKS
Catalog Number: PRV-P-30-727-U-T4W
Description: PREVAIL PETITE DISCRETE LED 1 SQUARE 30W 70CRI 2700K FIXTURE w/ TYPE IV WIDE DISTRIBUTION OPTIC
Light Source: (10) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4011.5 lumens
Efficiency: N/A
Efficacy: 121.9 lumens/watt
Luminous Opening: Rectangular (W 0.33' x L: 0.33' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B1 - U0 - G1

Input Watts (W): 32.9
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): 10.0%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

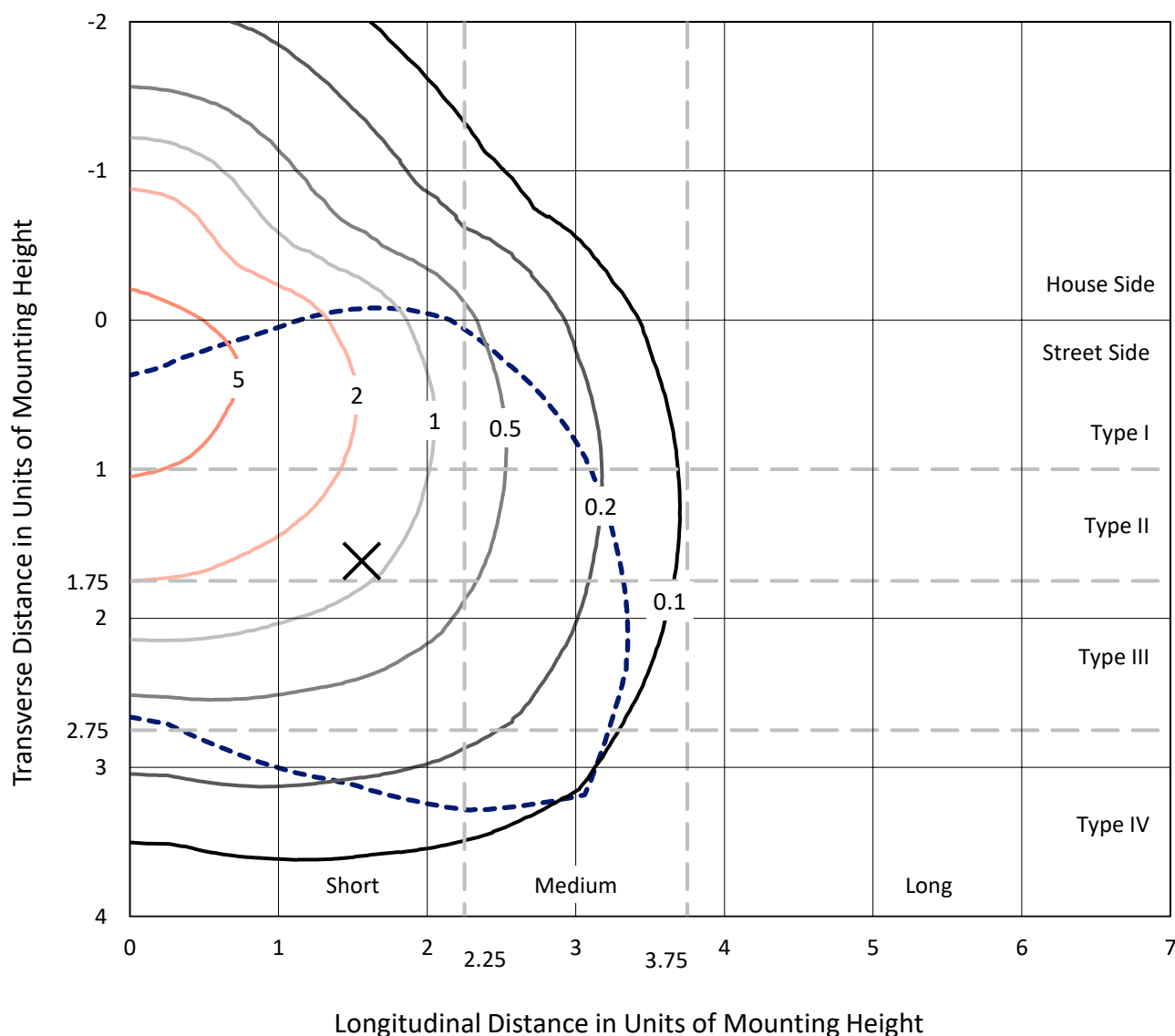
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Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

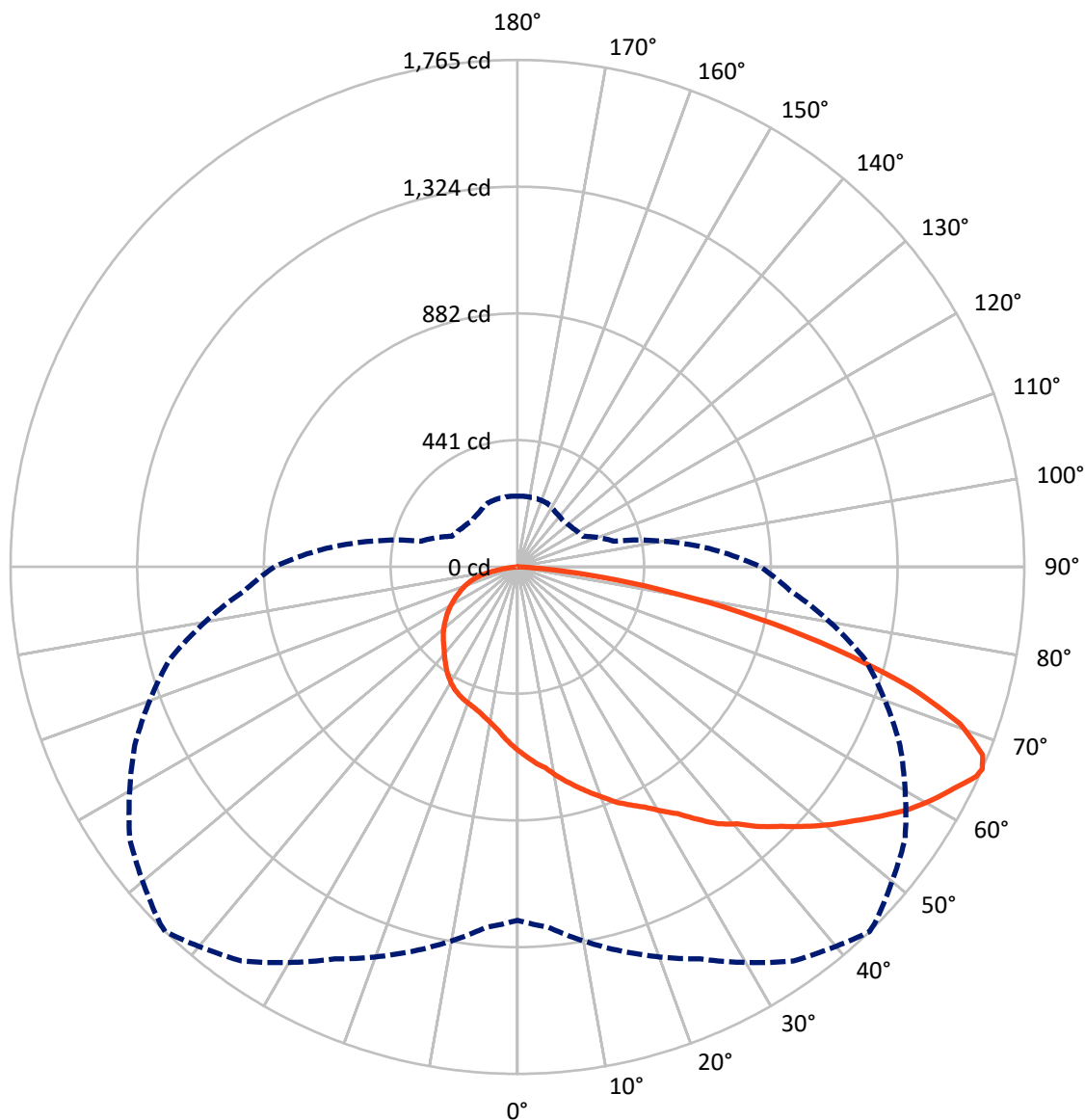


Based on 10 foot mounting height. Maximum calculated value = 7.5 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



— Vertical Plane Through 44-Deg Lateral - - - Horizontal Cone Through 66-Deg Vertical

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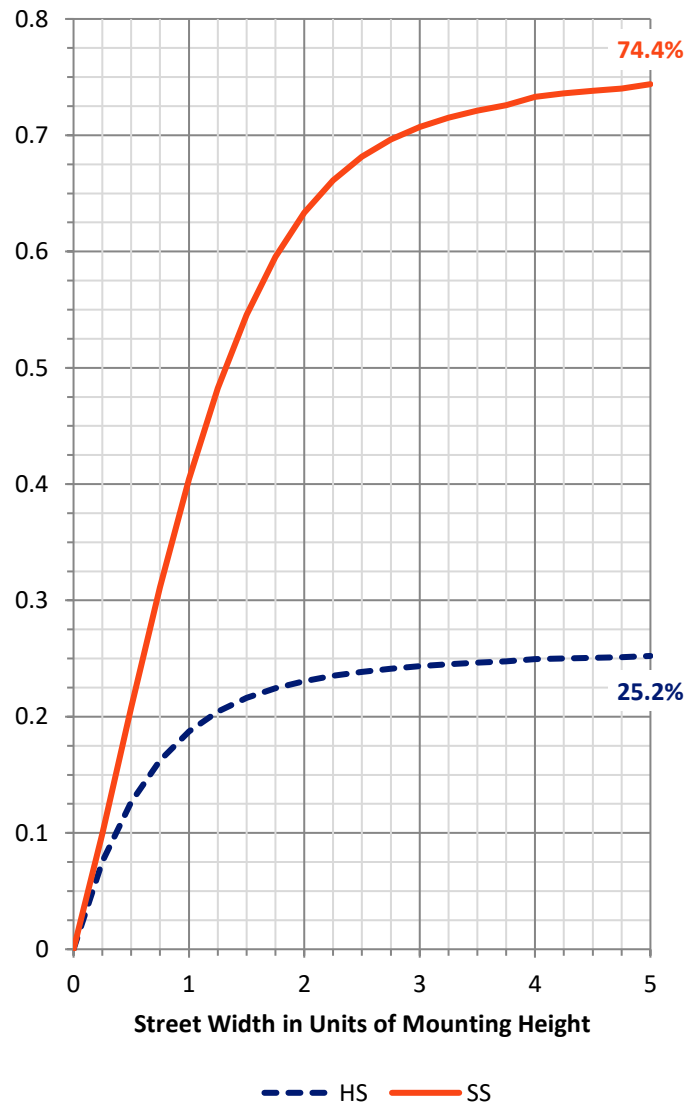
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1016.7	0.0	1016.7
	% Fixture	25.3	0.0	25.3
Street Side	Lumens	2994.8	0.0	2994.8
	% Fixture	74.7	0.0	74.7
Total	Lumens	4011.5	0.0	4011.5
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	61.2	1.5
10°-20°	188.5	4.7
20°-30°	327.2	8.2
30°-40°	488.2	12.2
40°-50°	667.7	16.6
50°-60°	833.5	20.8
60°-70°	862.5	21.5
70°-80°	501.8	12.5
80°-90°	80.8	2.0
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°	4011.5	100.0
0°-180°	4011.5	100.0

Coefficient of Utilization



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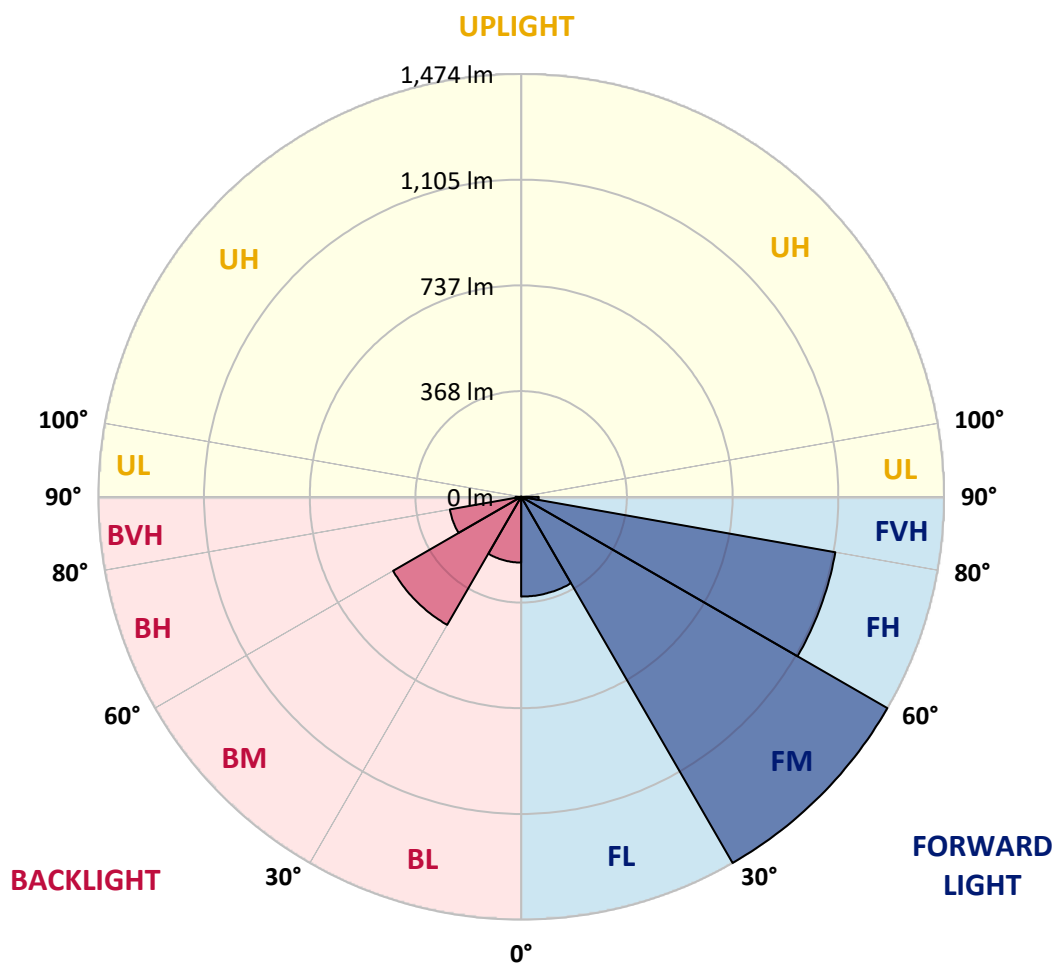
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LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	347.8	8.7			
FM	(30°-60°)	1473.9	36.7			
FH	(60°-80°)	1112.1	27.7			G1/1800
FVH	(80°-90°)	61.0	1.5			G1/100
BL	(0°-30°)	229.2	5.7	B1/500		
BM	(30°-60°)	515.5	12.9	B1/1000		
BH	(60°-80°)	252.2	6.3	B1/500		G1/500
BVH	(80°-90°)	19.7	0.5			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 IV Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	44°	45°	55°	65°	75°	85°
0°	640.4	640.4	640.4	640.4	640.4	640.4	640.4	640.4	640.4	640.4	640.4
2.5°	669.5	669.5	670.8	669.5	666.3	663.1	663.1	660.5	651.4	650.1	643.0
5°	699.4	701.3	699.4	696.8	694.2	687.0	686.4	678.0	664.4	654.6	645.6
7.5°	727.2	730.5	730.5	727.2	718.2	706.5	707.1	697.4	678.0	663.7	650.7
10°	766.1	764.8	766.8	758.3	749.9	737.6	732.4	717.5	696.8	678.6	657.2
12.5°	806.3	802.4	803.1	794.0	783.0	767.4	761.6	739.5	715.6	692.2	665.7
15°	831.6	833.5	835.5	825.1	818.6	796.6	792.0	770.7	736.3	705.2	674.1
17.5°	858.2	853.6	862.7	853.6	848.4	827.0	827.7	796.6	756.4	722.7	684.5
20°	876.3	877.6	881.5	880.8	877.0	856.9	856.9	831.6	784.9	738.2	692.9
22.5°	895.7	896.4	902.2	902.9	897.7	890.6	889.3	858.8	812.8	760.3	704.5
25°	929.5	926.9	929.5	924.3	924.9	918.4	918.4	900.3	847.1	783.6	720.1
27.5°	975.5	976.1	969.6	963.2	955.4	947.0	951.5	930.7	884.1	812.8	737.0
30°	1035.1	1036.4	1028.6	1009.8	993.6	985.2	981.3	970.9	923.0	842.6	757.0
32.5°	1124.5	1116.1	1101.2	1071.4	1045.5	1024.1	1025.4	1011.1	967.0	877.6	776.5
35°	1191.3	1185.5	1173.8	1149.2	1119.4	1078.5	1078.5	1053.9	1008.5	913.9	796.6
37.5°	1254.2	1254.8	1243.8	1213.3	1190.7	1134.9	1125.8	1092.8	1047.4	948.9	821.2
40°	1354.0	1333.3	1308.6	1278.2	1237.3	1176.4	1172.5	1140.1	1091.5	989.1	845.8
42.5°	1414.3	1402.6	1377.3	1338.4	1289.2	1236.0	1228.9	1186.1	1138.8	1029.9	877.0
45°	1496.6	1477.1	1444.1	1417.5	1338.4	1288.5	1282.7	1241.2	1190.7	1074.6	905.5
47.5°	1558.2	1515.4	1507.0	1488.8	1396.1	1349.5	1341.7	1298.9	1245.1	1130.4	941.1
50°	1580.2	1556.2	1565.3	1532.9	1448.0	1410.4	1407.8	1363.7	1299.5	1179.0	973.5
52.5°	1588.0	1593.8	1603.5	1558.8	1498.5	1468.7	1466.1	1424.0	1354.6	1224.4	1003.3
55°	1632.1	1630.8	1643.7	1598.3	1562.1	1532.2	1528.3	1491.4	1404.5	1263.9	1029.9
57.5°	1672.2	1656.0	1670.9	1636.6	1621.0	1597.7	1597.1	1553.6	1452.5	1296.3	1045.5
60°	1657.3	1634.0	1659.9	1632.1	1652.8	1652.8	1658.6	1603.5	1490.1	1323.5	1053.3
62.5°	1532.2	1531.6	1591.9	1600.3	1672.2	1702.7	1696.2	1634.0	1507.6	1326.8	1040.9
65°	1321.6	1346.2	1458.3	1546.5	1680.0	1757.1	1750.7	1646.3	1487.5	1282.0	992.3
66°	1230.2	1260.0	1383.8	1505.7	1674.8	1764.9	1758.4	1648.3	1470.0	1255.5	954.1
67.5°	1071.4	1104.5	1263.3	1434.4	1641.1	1747.4	1750.0	1637.9	1417.5	1189.4	897.0
70°	818.0	853.0	1042.9	1239.9	1507.6	1635.3	1634.6	1528.3	1287.9	1039.6	759.0
72.5°	591.8	612.5	810.8	998.8	1284.0	1429.8	1438.3	1315.8	1085.0	848.4	599.5
75°	420.0	430.4	581.4	744.1	991.7	1147.2	1137.5	1031.2	829.6	635.8	455.0
77.5°	286.5	307.9	412.9	521.1	710.4	848.4	834.2	716.2	588.5	446.6	331.9
80°	178.9	191.2	253.4	322.1	453.7	555.5	558.1	471.2	371.4	304.6	243.7
82.5°	98.5	103.7	147.8	178.2	221.7	292.3	303.3	283.2	230.7	199.0	171.1
85°	27.2	27.2	46.0	52.5	70.6	97.9	97.9	102.4	90.1	71.3	55.1
87.5°	1.3	1.3	1.3	1.9	1.9	1.9	1.9	3.2	2.6	1.3	1.3
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°	640.4	640.4	640.4	640.4	640.4	640.4	640.4	640.4	640.4	640.4	640.4
2.5°	639.7	637.8	632.6	628.1	622.2	619.0	614.4	610.6	609.3	605.4	605.4
5°	637.8	634.5	620.3	611.2	603.4	594.4	589.8	583.3	580.7	576.2	576.9
7.5°	640.4	633.9	614.4	596.9	584.6	571.0	563.9	560.0	555.5	551.6	550.3
10°	644.9	634.5	609.3	585.3	565.2	552.2	543.2	536.7	536.0	534.1	533.4
12.5°	649.5	635.2	606.0	576.2	554.2	538.0	527.6	522.4	523.7	526.9	525.7
15°	656.6	639.1	600.2	563.9	539.9	523.7	517.2	514.6	521.1	523.7	524.4
17.5°	661.1	641.0	593.1	552.9	526.3	513.3	510.1	512.7	518.5	526.3	527.6
20°	667.0	642.3	585.9	541.2	514.0	504.9	507.5	514.0	521.8	532.1	534.1
22.5°	675.4	645.6	582.0	527.6	501.0	497.1	504.9	515.9	524.4	537.3	538.6
25°	685.7	651.4	572.3	514.0	486.1	487.4	502.3	516.6	525.0	537.3	541.2
27.5°	699.4	657.9	565.8	498.4	471.9	477.7	495.2	513.3	523.7	536.0	539.9
30°	712.3	663.7	558.7	482.2	455.0	464.1	485.5	504.3	516.6	527.6	533.4
32.5°	727.9	672.8	552.2	468.6	439.4	449.2	472.5	495.8	508.8	519.8	524.4
35°	742.8	681.9	549.0	455.0	423.9	433.0	456.3	483.5	497.8	504.9	512.7
37.5°	761.6	695.5	547.0	443.3	407.7	414.2	440.7	469.3	484.2	491.3	498.4
40°	785.6	714.3	547.7	431.7	390.8	396.0	424.5	455.7	472.5	475.7	482.2
42.5°	808.9	731.1	549.0	420.7	375.9	378.5	408.3	440.1	454.4	456.9	463.4
45°	834.8	754.5	549.0	407.0	360.4	364.3	392.8	423.2	439.4	440.7	445.9
47.5°	863.3	777.1	546.4	392.8	345.5	349.4	377.2	403.8	418.7	420.7	425.8
50°	891.9	795.3	540.6	375.3	330.6	335.7	359.1	383.7	394.1	397.3	401.2
52.5°	919.1	811.5	526.3	357.1	315.7	319.5	340.3	360.4	368.8	372.7	374.6
55°	939.8	822.5	506.9	337.0	302.7	304.0	318.9	335.7	341.6	341.6	344.8
57.5°	950.8	824.5	479.6	316.3	287.8	287.8	298.2	313.1	315.7	315.0	315.7
60°	954.1	813.4	446.6	296.9	272.9	269.6	278.1	287.8	288.4	288.4	291.7
62.5°	937.9	783.0	407.0	278.1	258.0	250.8	257.3	267.0	269.0	269.0	269.6
65°	883.4	718.2	363.6	259.3	241.8	233.3	239.2	251.5	255.4	254.7	254.1
66°	846.5	686.4	346.1	251.5	235.3	225.6	232.0	245.0	246.9	246.9	246.3
67.5°	783.6	620.9	315.7	239.8	223.6	215.2	222.3	232.0	235.3	237.2	237.2
70°	651.4	511.4	276.1	219.1	203.5	197.7	202.9	210.0	211.9	214.5	213.2
72.5°	514.0	400.6	240.5	198.3	185.4	178.2	180.8	187.3	192.5	194.4	191.9
75°	390.2	310.5	209.4	177.6	165.3	156.9	156.9	155.6	155.6	160.7	153.6
77.5°	293.0	245.7	182.1	151.0	138.1	129.0	123.8	125.1	116.7	110.2	105.0
80°	216.5	186.7	149.1	118.6	103.7	89.4	90.1	93.3	73.2	51.9	25.9
82.5°	153.6	135.5	106.9	81.0	61.6	53.8	53.8	56.4	40.8	14.9	0.0
85°	48.6	46.7	42.1	30.5	27.2	20.7	16.2	14.9	16.9	3.2	0.0
87.5°	1.3	1.3	1.3	1.3	0.6	0.6	0.6	0.6	0.0	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: SP2-2501-321-3

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

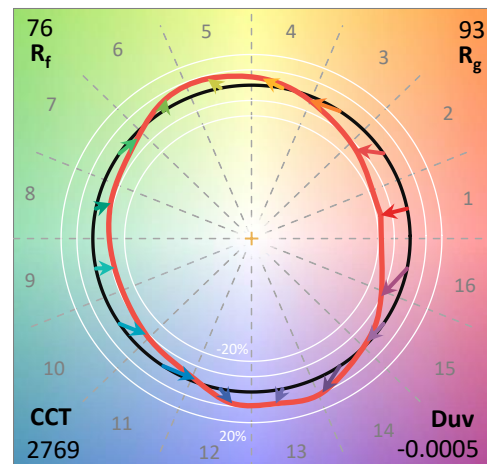
Test Information

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

REPORT NUMBER: SP2-2501-321-3

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

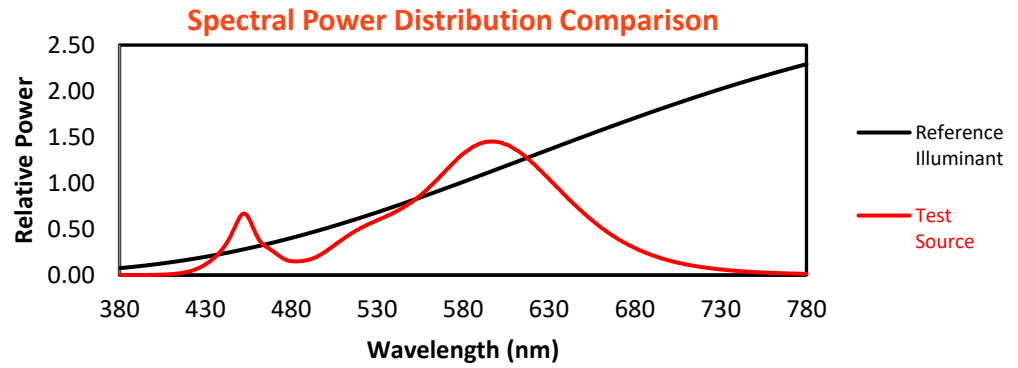
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	114	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			

REPORT NUMBER: SP2-2501-321-3

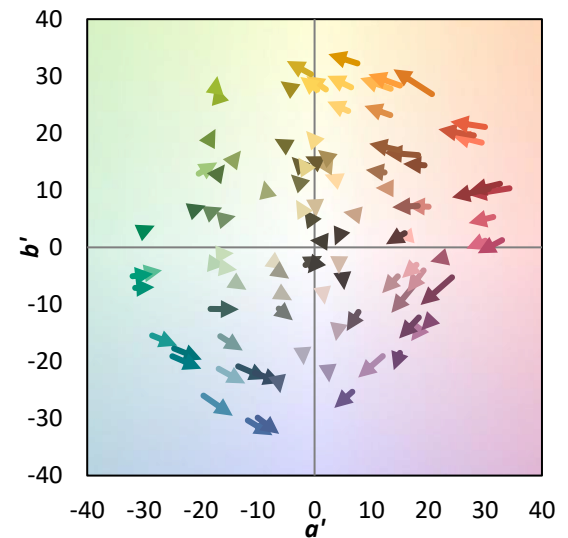
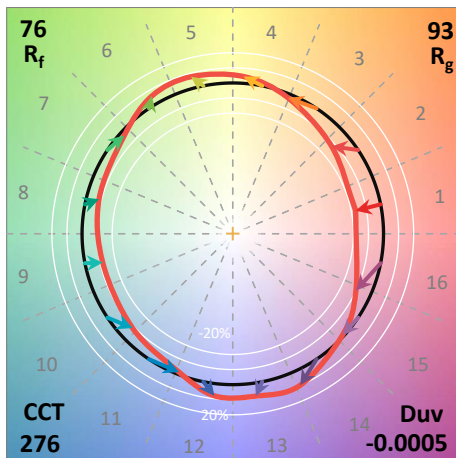
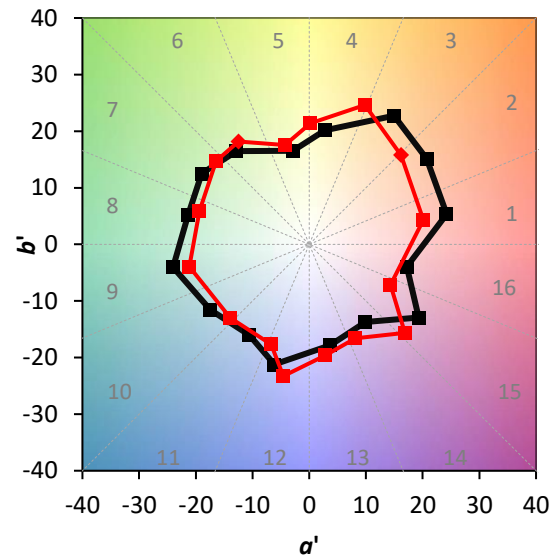
TM-30-18

Summary

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

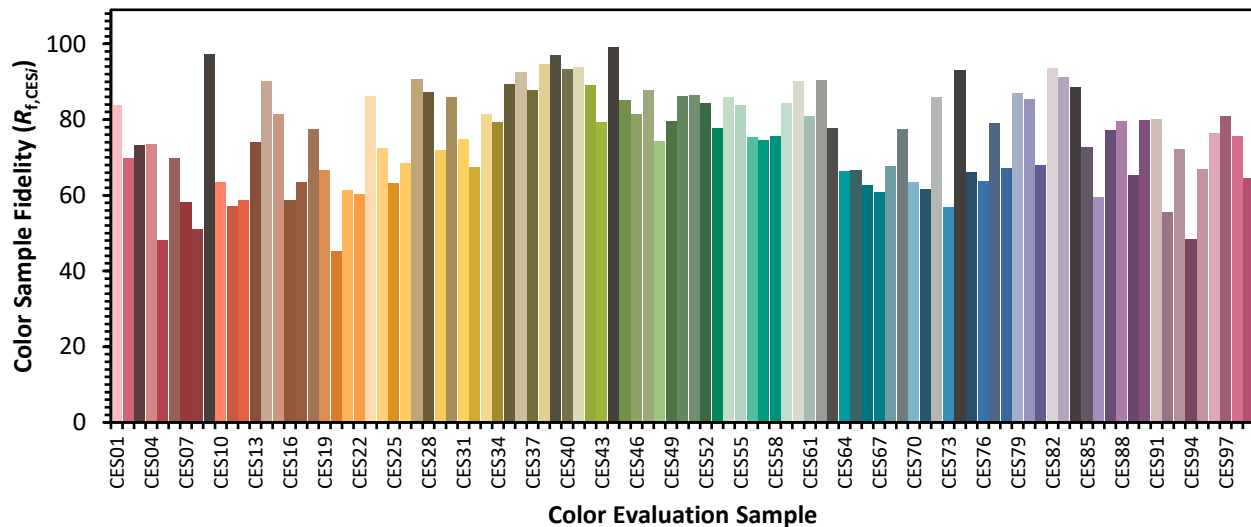


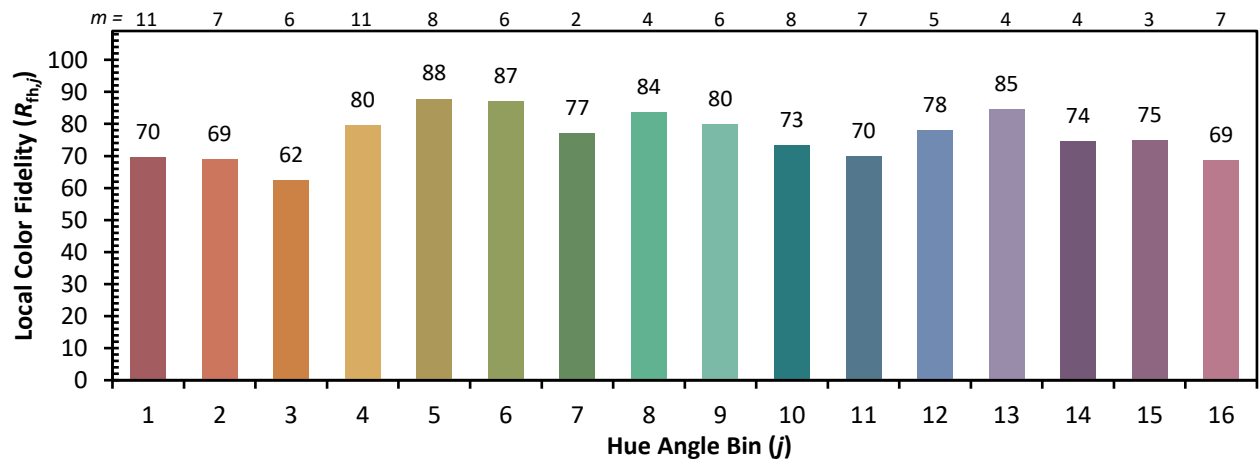
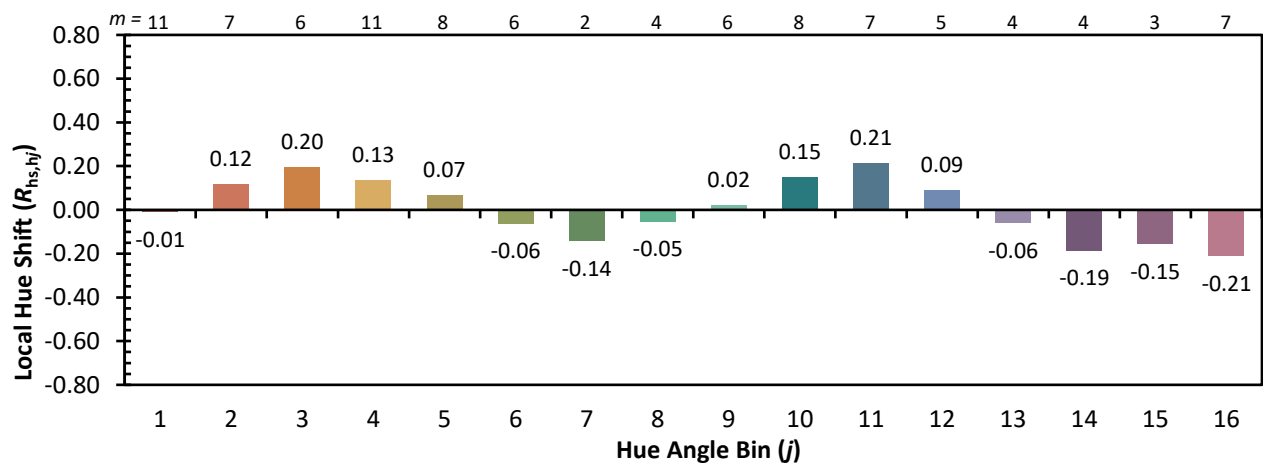
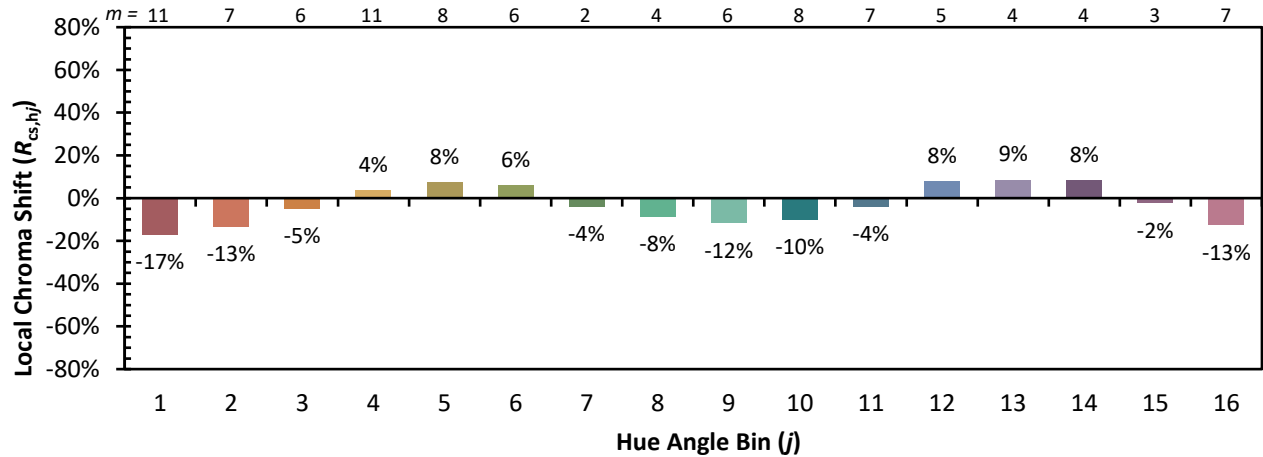
Color Vector Graphics



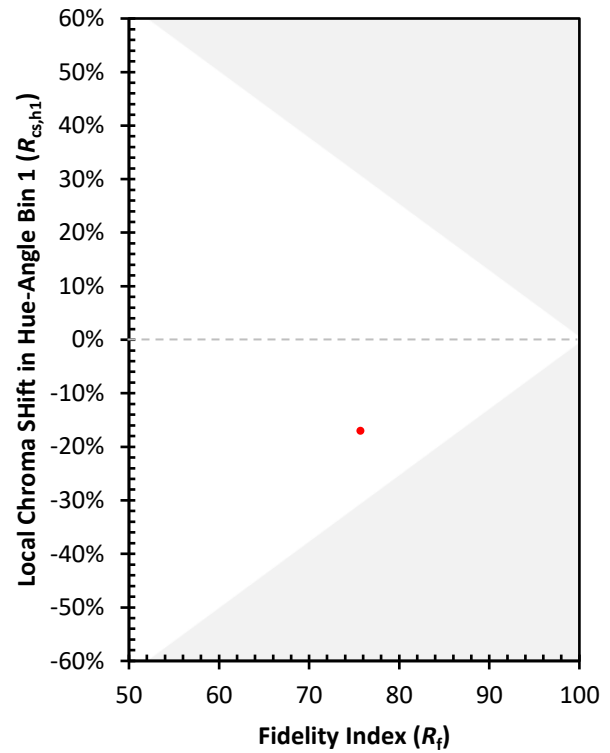
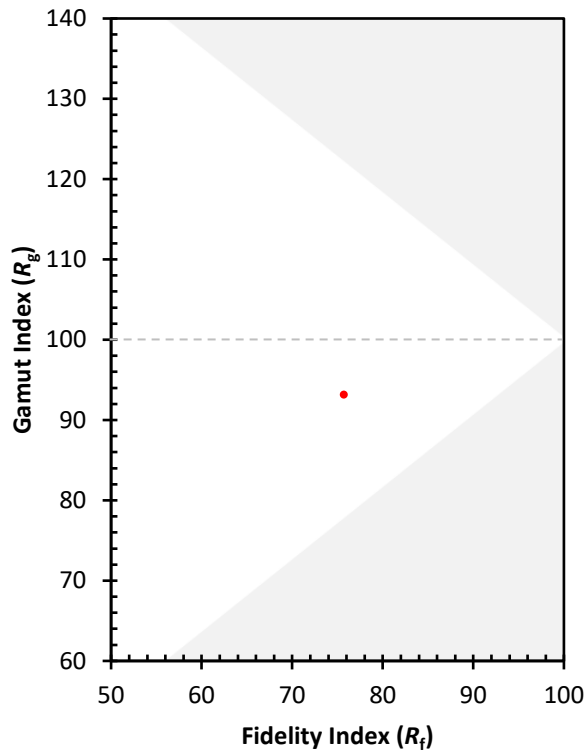
Individual Sample Fidelity Index ($R_{f,i}$)

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)