

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: P972263

Luminaire Tested: **GKO-PB1D-730-U-T3**

Issue Date: 02/27/2025



Test Information

Test Method: LM-79-08
Report Number: P972263
Test Lab: INNOVATION CENTER(G1)
Issue Date: 02/27/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB1D-730-U-T3
Description: GEKKO WALL PACK 3500LM PACKAGE 70CRI 3000K FIXTURE w/ TYPE III
DISTRIBUTION OPTIC
Light Source: (10) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3423.3 lumens
Efficiency: N/A
Efficacy: 133.7 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): 25.6
Input Voltage (V): 120
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi):
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

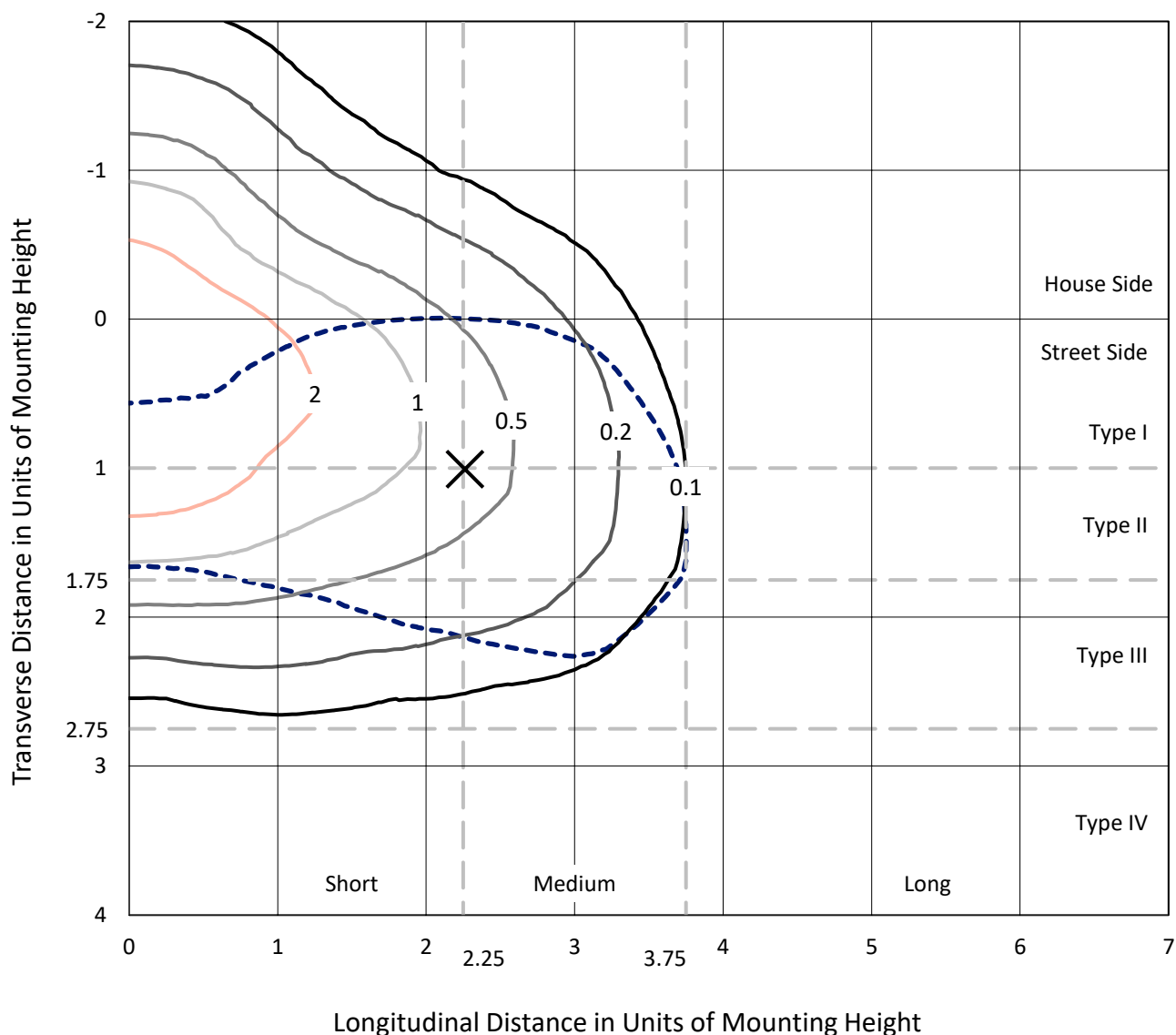
REPORT NUMBER: P972263

CATALOG NUMBER: GKO-PB1D-730-U-T3

Iso-Footcandle Lines of Horizontal Illumination

× Max cd

--- 1/2 Max cd

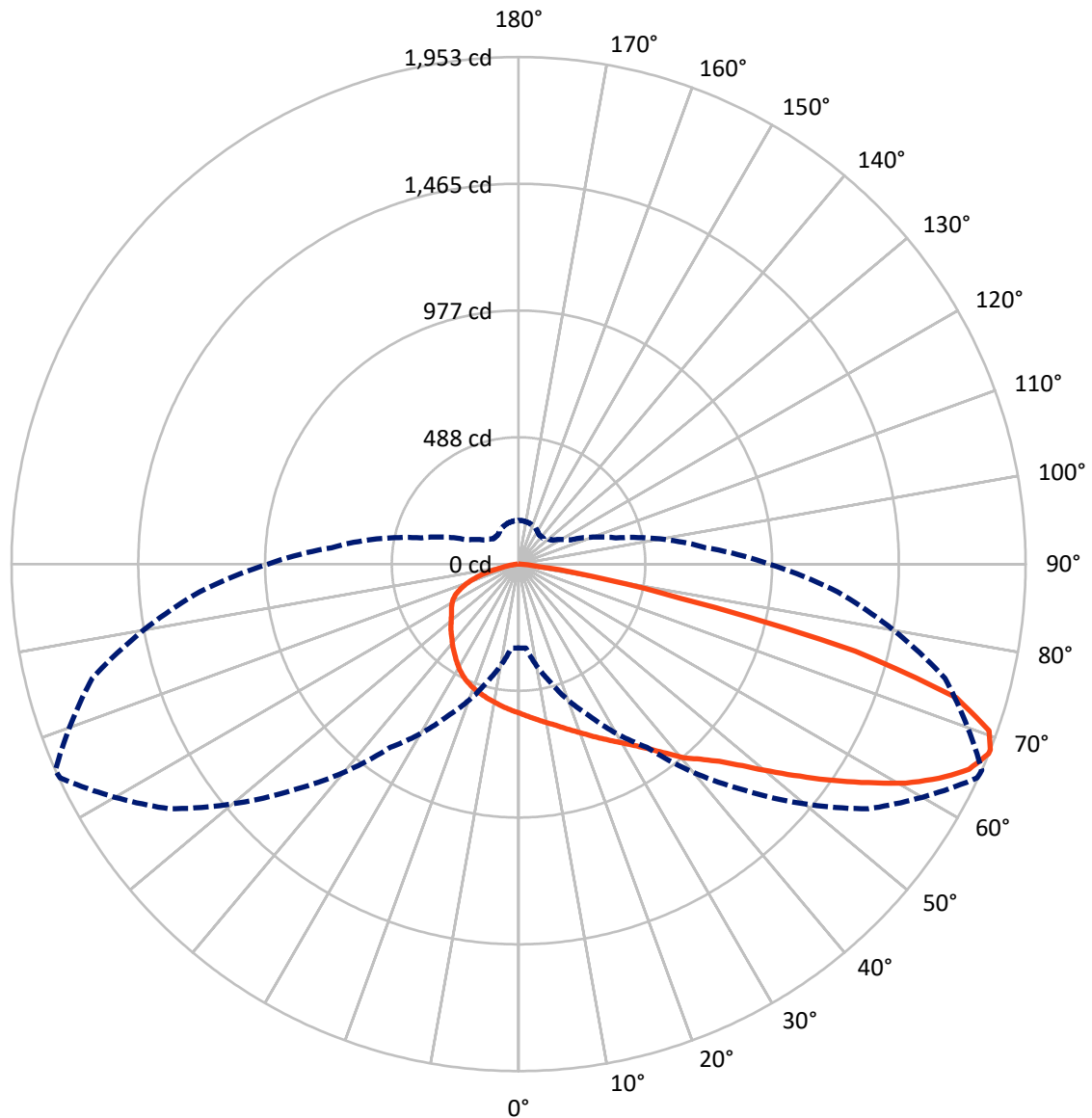


Based on 12 foot mounting height. Maximum calculated value = 4.6 fc

Type III - Medium - N/A

REPORT NUMBER: P972263
CATALOG NUMBER: GKO-PB1D-730-U-T3

Luminous Intensity Polar Plot



— Vertical Plane Through 66-Deg Lateral - - - Horizontal Cone Through 68-Deg Vertical

REPORT NUMBER: P972263

CATALOG NUMBER: GKO-PB1D-730-U-T3

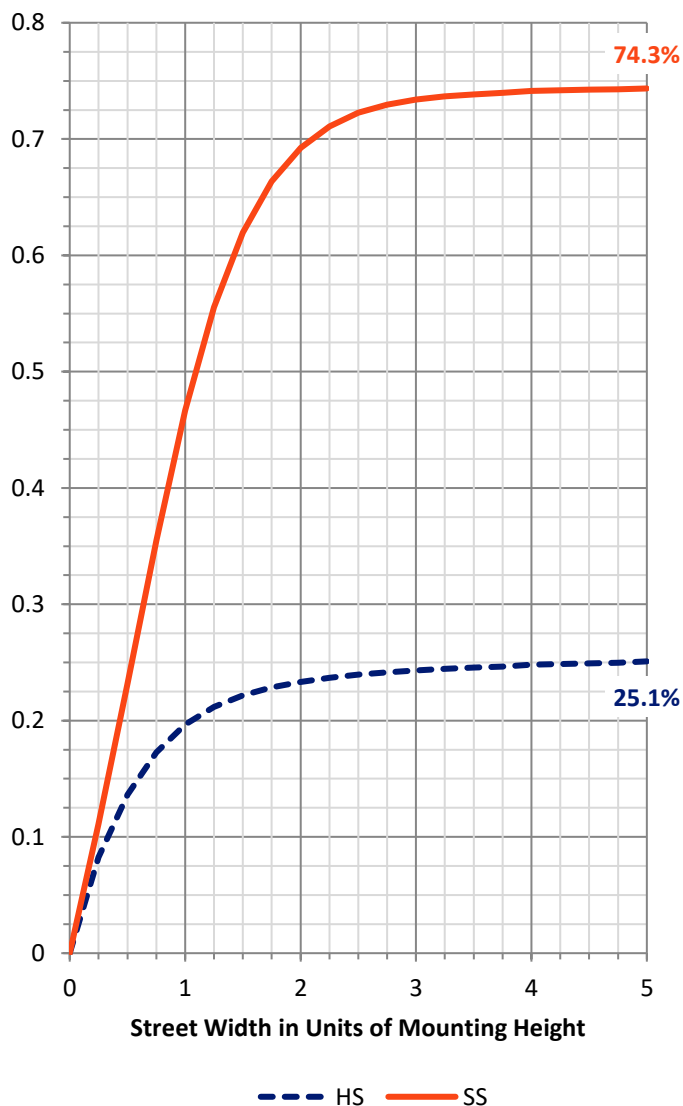
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	876.4	0.0	876.4
	% Fixture	25.6	0.0	25.6
Street Side	Lumens	2546.8	0.0	2546.8
	% Fixture	74.4	0.0	74.4
Total	Lumens	3423.3	0.0	3423.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	55.1	1.6
10°-20°	165.6	4.8
20°-30°	285.3	8.3
30°-40°	442.6	12.9
40°-50°	606.3	17.7
50°-60°	723.2	21.1
60°-70°	724.7	21.2
70°-80°	383.5	11.2
80°-90°	37.0	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°	3423.3	100.0
0°-180°	3423.3	100.0



REPORT NUMBER: P972263

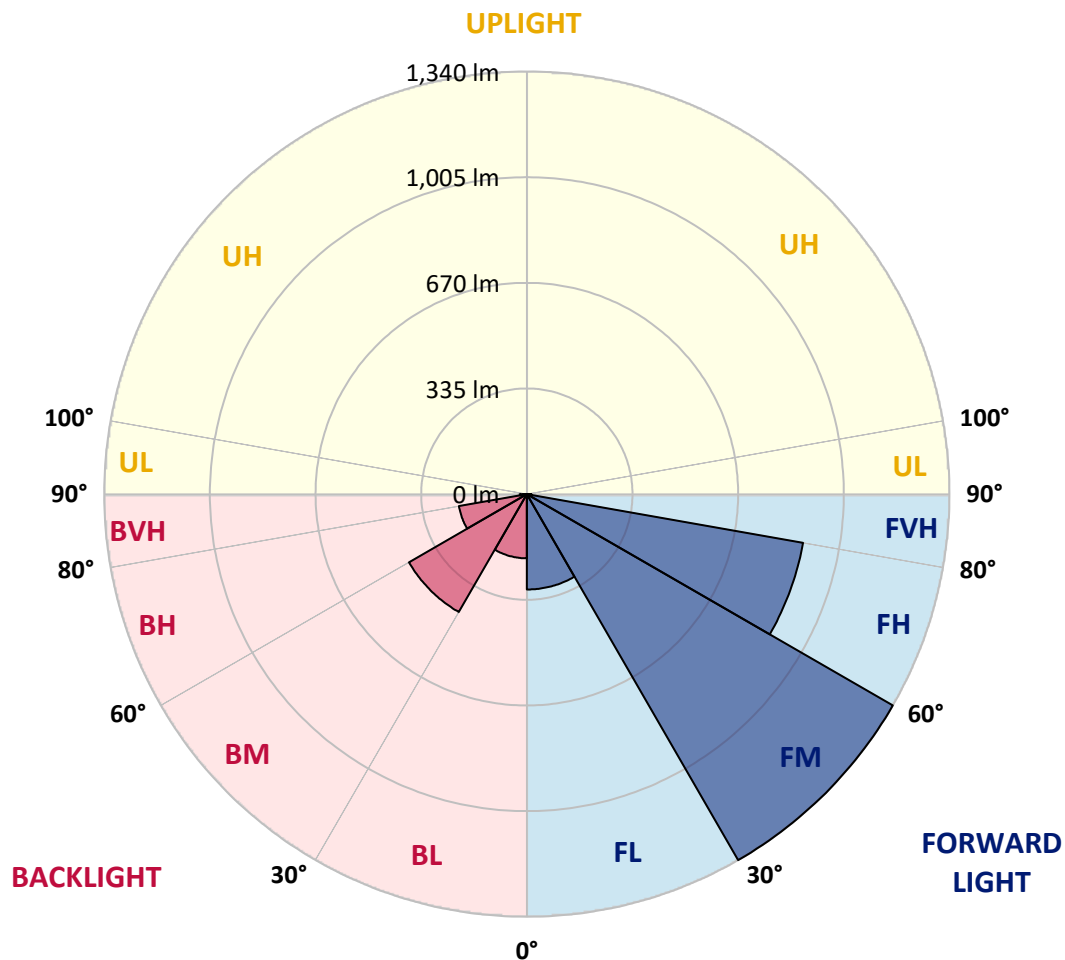
CATALOG NUMBER: GKO-PB1D-730-U-T3

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	302.4	8.8			
FM	(30°-60°)	1340.4	39.2			
FH	(60°-80°)	889.6	26.0			G1/1800
FVH	(80°-90°)	14.5	0.4			G1/100
BL	(0°-30°)	203.6	5.9	B1/500		
BM	(30°-60°)	431.7	12.6	B1/1000		
BH	(60°-80°)	218.7	6.4	B1/500		G1/500
BVH	(80°-90°)	22.5	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



REPORT NUMBER: P972263

CATALOG NUMBER: GKO-PB1D-730-U-T3

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	66°	75°	85°
0°	574.2	574.2	574.2	574.2	574.2	574.2	574.2	574.2	574.2	574.2	574.2
2.5°	598.1	598.1	596.7	596.1	595.4	591.4	588.8	585.5	585.5	580.1	575.5
5°	618.7	619.3	616.7	616.7	614.0	608.7	603.4	596.7	596.7	588.8	579.5
7.5°	636.6	638.6	636.0	636.0	633.3	627.3	618.7	609.4	609.4	598.1	584.8
10°	653.9	655.2	653.9	655.2	651.2	645.9	636.0	623.3	622.7	608.7	590.1
12.5°	667.9	669.2	669.8	671.8	668.5	664.5	655.2	639.3	637.3	620.7	596.7
15°	681.1	682.5	684.5	687.1	686.5	683.1	674.5	656.6	655.2	634.0	605.4
17.5°	691.8	692.4	696.4	701.7	703.1	703.7	694.4	675.8	674.5	649.2	614.7
20°	707.1	708.4	712.4	717.7	721.7	724.3	717.0	696.4	695.1	667.2	626.7
22.5°	741.6	739.6	741.6	741.6	743.6	747.6	742.3	721.7	719.0	688.5	641.3
25°	806.7	804.7	799.4	787.5	774.2	773.5	767.5	747.6	744.3	710.4	655.2
27.5°	897.8	893.1	883.2	857.9	826.0	805.4	796.1	775.5	771.5	732.3	668.5
30°	994.1	999.5	982.8	948.3	889.8	845.9	828.0	804.7	801.4	756.9	684.5
32.5°	1106.4	1107.1	1090.5	1042.7	966.9	897.1	866.5	838.0	835.3	785.5	705.7
35°	1171.6	1174.2	1166.9	1122.4	1036.0	953.6	913.1	878.5	876.5	821.4	732.3
37.5°	1239.4	1245.3	1234.0	1184.9	1088.5	1006.1	964.9	927.0	925.0	862.6	765.5
40°	1339.7	1337.0	1325.1	1252.6	1137.7	1050.0	1016.1	986.2	981.5	913.1	799.4
42.5°	1412.1	1418.8	1392.9	1311.1	1191.5	1093.8	1067.2	1033.3	1027.4	943.6	819.4
45°	1436.7	1430.7	1402.2	1342.4	1261.9	1133.7	1115.7	1089.8	1083.9	997.5	858.6
47.5°	1442.0	1431.4	1406.1	1361.0	1321.8	1185.5	1174.9	1168.9	1160.3	1065.2	905.8
50°	1409.5	1402.2	1390.2	1367.6	1360.3	1234.0	1239.4	1261.3	1254.0	1138.3	958.3
52.5°	1335.7	1332.4	1343.0	1357.6	1338.4	1275.9	1315.8	1360.3	1357.6	1218.8	1014.7
55°	1196.8	1196.8	1256.6	1307.8	1319.1	1303.1	1398.2	1474.6	1471.3	1309.1	1068.6
57.5°	1069.9	1071.9	1121.7	1236.7	1284.5	1332.4	1489.9	1594.2	1588.9	1410.8	1125.1
60°	909.7	909.7	985.5	1129.7	1234.7	1355.0	1571.0	1709.8	1713.2	1509.2	1180.9
62.5°	720.4	722.3	827.3	996.8	1162.9	1359.0	1635.4	1818.8	1818.2	1598.2	1224.1
65°	531.0	531.6	674.5	849.3	1055.3	1331.1	1670.6	1902.6	1906.5	1668.6	1249.3
67.5°	344.9	351.5	496.4	689.1	903.1	1252.0	1652.0	1947.1	1951.7	1701.2	1241.3
68°	323.0	324.3	469.8	645.3	861.9	1232.0	1643.4	1949.1	1953.1	1700.5	1233.4
70°	209.3	209.3	336.3	503.7	687.8	1107.8	1568.3	1917.8	1922.5	1671.3	1175.6
72.5°	113.0	115.0	192.0	305.0	469.8	857.2	1415.5	1755.0	1763.0	1511.1	1028.0
75°	79.1	80.4	111.6	170.8	255.8	558.2	1106.4	1341.0	1339.7	1044.0	643.9
77.5°	57.1	57.1	63.8	106.3	134.2	255.2	547.6	645.9	638.6	509.7	325.0
80°	37.2	37.2	39.9	55.8	64.5	77.8	167.5	279.8	285.1	248.5	162.1
82.5°	15.3	15.9	17.3	22.6	23.3	32.6	47.8	80.4	77.8	63.1	45.9
85°	2.0	2.0	2.7	3.3	4.0	7.3	6.6	6.6	6.6	8.0	7.3
87.5°	0.0	0.0	0.0	0.0	0.0	0.7	1.3	2.0	2.0	2.7	2.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P972263

CATALOG NUMBER: GKO-PB1D-730-U-T3

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	574.2	574.2	574.2	574.2	574.2	574.2	574.2	574.2	574.2	574.2	574.2
2.5°	574.2	574.2	570.2	566.2	562.2	558.9	554.2	550.9	551.6	553.6	552.9
5°	577.5	574.2	566.2	557.5	550.9	544.9	536.3	531.6	531.0	532.3	531.6
7.5°	579.5	574.2	562.2	548.9	538.3	530.3	518.3	513.7	511.7	512.4	512.4
10°	583.5	574.8	558.2	539.6	526.3	515.0	502.4	495.7	493.7	493.7	493.1
12.5°	588.1	576.1	554.2	531.6	514.3	501.1	486.4	479.1	477.1	477.1	476.5
15°	592.8	578.1	550.2	523.0	503.1	487.1	473.1	464.5	461.8	461.8	463.2
17.5°	598.7	580.1	546.2	515.0	491.1	473.1	458.5	449.9	446.6	448.6	449.9
20°	604.7	584.1	542.3	506.4	479.1	460.5	445.9	437.3	433.9	437.3	437.9
22.5°	613.4	587.4	537.6	496.4	467.2	446.6	433.3	425.3	423.3	426.6	429.3
25°	622.0	591.4	531.6	485.8	451.9	431.9	421.3	415.3	416.0	420.6	423.3
27.5°	631.3	594.8	525.6	472.5	435.3	416.7	408.7	407.4	410.0	415.3	418.7
30°	642.6	599.4	517.7	457.2	416.7	400.0	396.7	400.7	405.4	410.7	414.0
32.5°	657.2	605.4	509.7	439.9	397.4	382.1	387.4	396.1	401.4	406.7	410.0
35°	677.8	617.3	505.0	422.6	376.8	366.8	378.8	392.7	396.7	400.0	404.0
37.5°	701.7	633.3	503.1	406.7	358.2	353.5	370.1	386.8	388.1	389.4	393.4
40°	725.0	645.3	497.7	389.4	338.9	338.9	359.5	375.5	374.8	372.8	375.5
42.5°	734.3	643.9	482.4	372.8	323.6	324.3	342.9	358.2	354.2	354.2	358.2
45°	760.9	654.6	471.2	359.5	309.7	307.0	321.6	333.6	340.2	348.9	352.9
47.5°	794.8	669.2	462.5	344.2	296.4	287.7	295.7	315.7	326.9	336.3	339.6
50°	830.0	685.8	454.5	328.3	283.1	265.8	269.8	291.7	301.7	306.3	308.3
52.5°	865.9	701.1	448.6	315.0	267.8	239.9	248.5	269.1	276.4	279.1	280.4
55°	897.8	713.7	443.2	303.7	250.5	219.3	225.9	247.2	252.5	255.2	257.2
57.5°	931.7	727.7	439.9	293.1	231.3	201.4	206.0	225.3	232.6	235.2	237.2
60°	961.6	741.0	437.3	281.8	213.3	185.4	188.1	206.7	214.6	216.0	218.0
62.5°	981.5	749.6	433.3	267.8	196.7	170.1	170.8	188.7	197.4	198.7	200.0
65°	986.8	747.6	421.3	249.2	180.1	154.8	154.8	172.1	181.4	186.1	188.1
67.5°	970.9	731.0	396.1	225.3	164.1	140.9	140.9	156.2	166.1	171.4	173.4
68°	965.6	723.7	388.1	219.3	160.2	137.6	137.6	153.5	162.8	167.5	168.8
70°	920.4	687.8	351.5	196.7	147.5	127.6	127.6	141.5	151.5	151.5	150.8
72.5°	799.4	596.1	289.1	164.8	128.9	113.0	115.0	128.3	131.6	134.9	134.2
75°	495.1	356.9	194.0	130.2	108.3	99.0	103.0	115.0	117.0	124.3	122.3
77.5°	247.9	174.8	103.0	75.8	83.7	85.1	92.4	101.0	107.0	115.0	109.6
80°	122.3	85.1	60.5	47.2	49.2	62.5	80.4	87.1	97.7	103.0	98.4
82.5°	33.9	25.9	24.6	25.9	36.5	48.5	63.1	77.1	91.0	95.7	89.0
85°	6.0	4.7	4.0	12.6	25.3	35.9	51.2	68.4	81.7	78.4	73.8
87.5°	2.0	1.3	1.3	8.0	18.6	29.2	43.9	61.1	69.8	63.1	56.5
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

REPORT NUMBER: SP2-2501-321-4

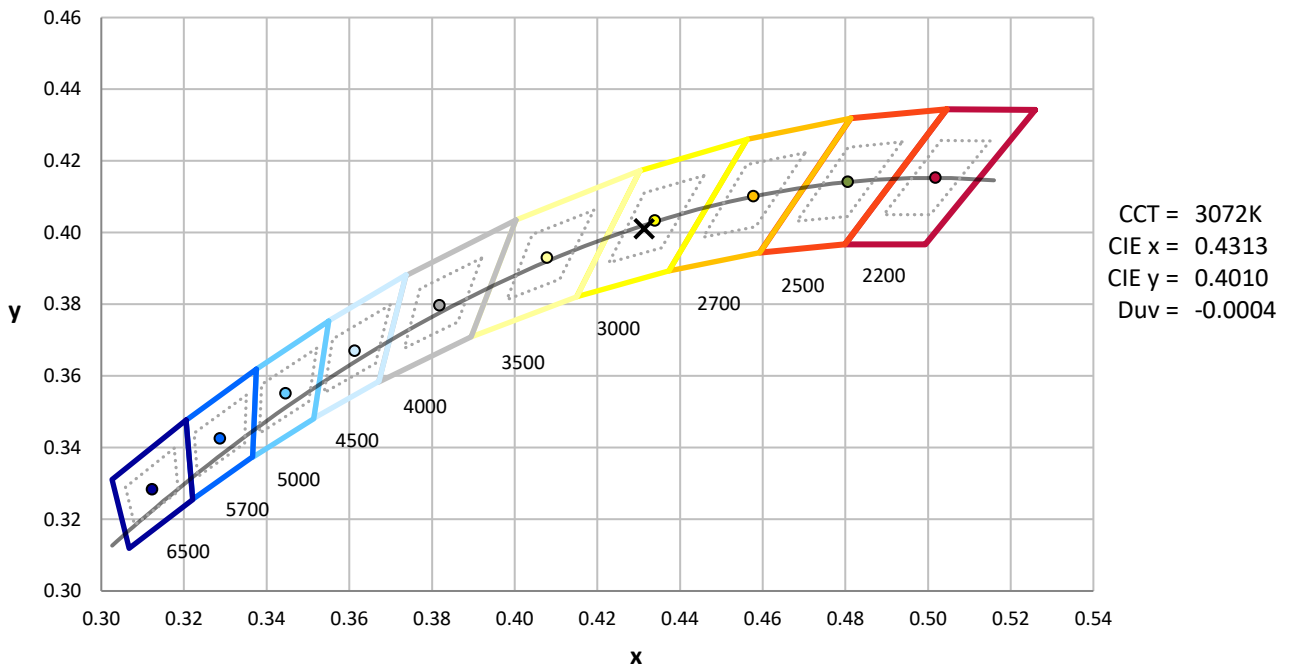
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN2187	1/6/2025	7/6/2025
Power Meter	INXT2011002	1/21/2025	1/21/2026
AC Power Source	IN0458	10/22/2024	10/22/2025
DC Power Source	IN0212	10/22/2024	10/22/2025
Sphere Thermometer	IN4036B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

REPORT NUMBER: SP2-2501-321-4

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

REPORT NUMBER: SP2-2501-321-4

Photopic Flux vs. Wavelength

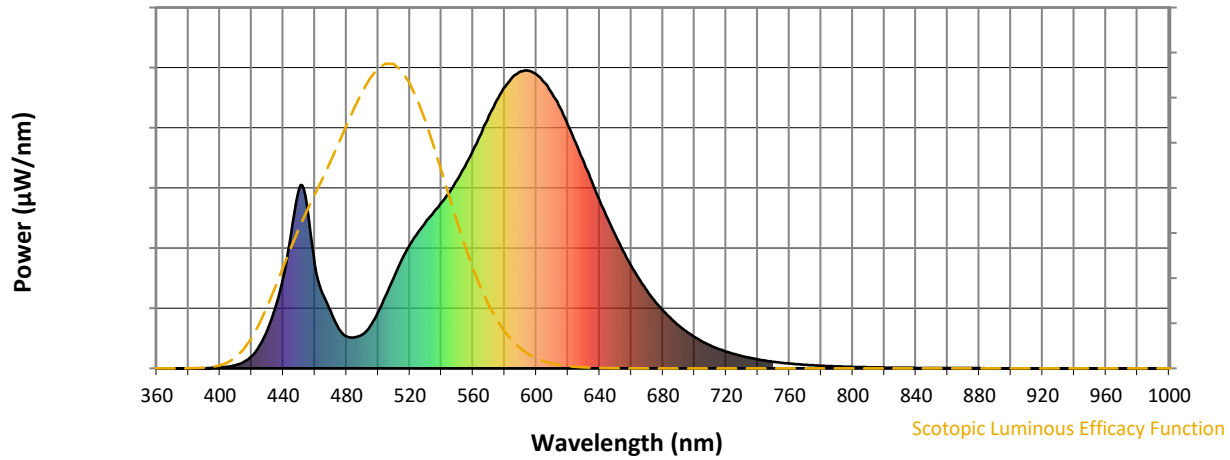


Photopic Lumens: NR

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			

REPORT NUMBER: SP2-2501-321-4

Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.24

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			

REPORT NUMBER: SP2-2501-321-4

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.3

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	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			

REPORT NUMBER: SP2-2501-321-4

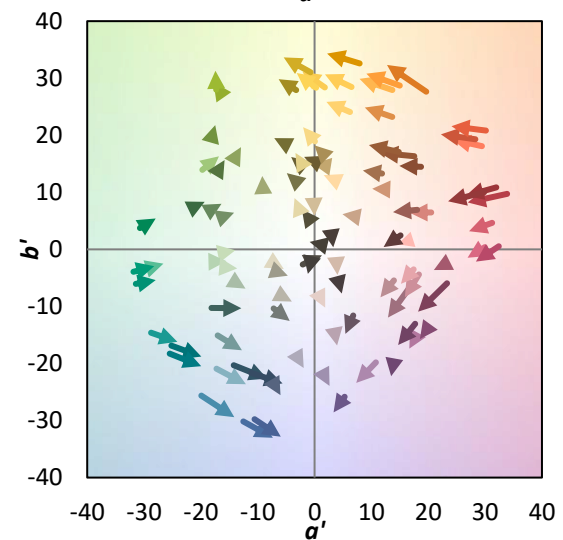
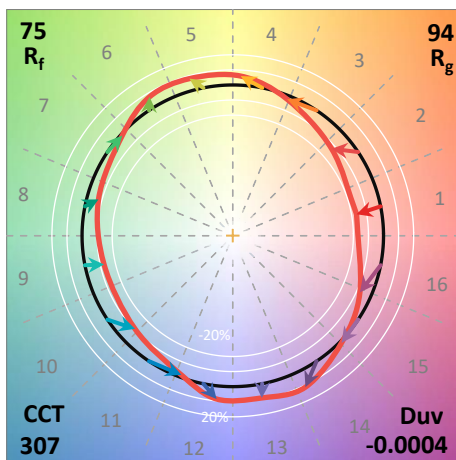
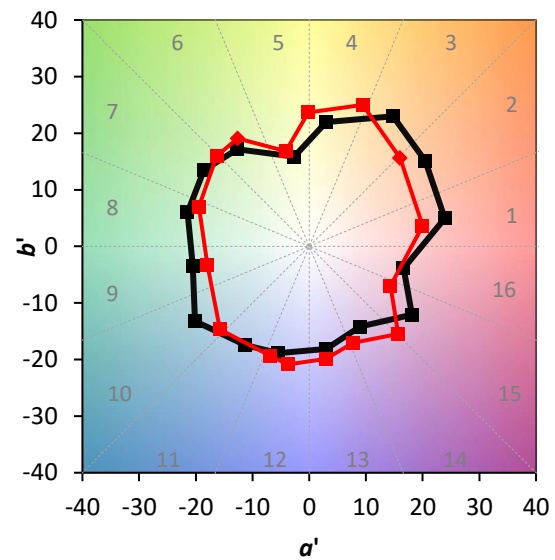
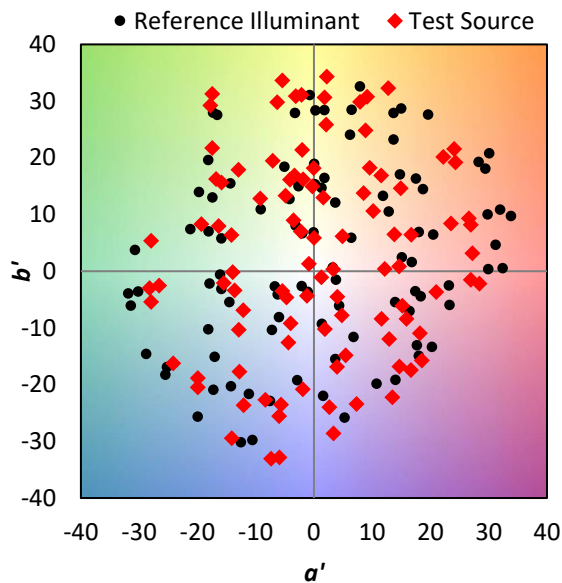
TM-30-18

Summary

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



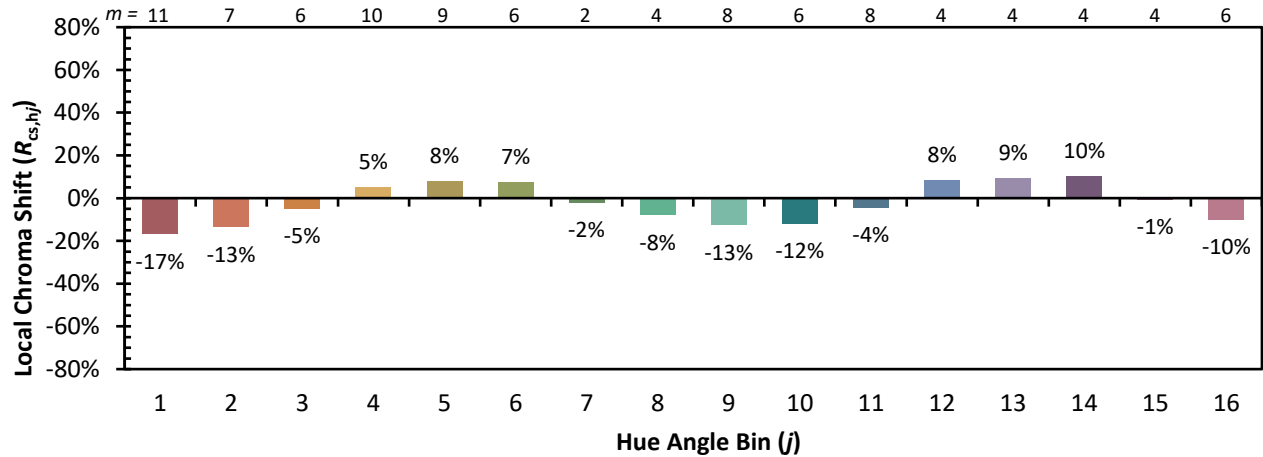
Color Vector Graphics



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)