

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: P972273

Luminaire Tested: **GKO-PB1D-740-U-T3**

Issue Date: 02/27/2025



Test Information

Test Method: LM-79-08
Report Number: P972273
Test Lab: INNOVATION CENTER(G1)
Issue Date: 02/27/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB1D-740-U-T3
Description: GEKKO WALL PACK 3500LM 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: 3641.8 lumens
Efficiency: N/A
Efficacy: 142.3 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

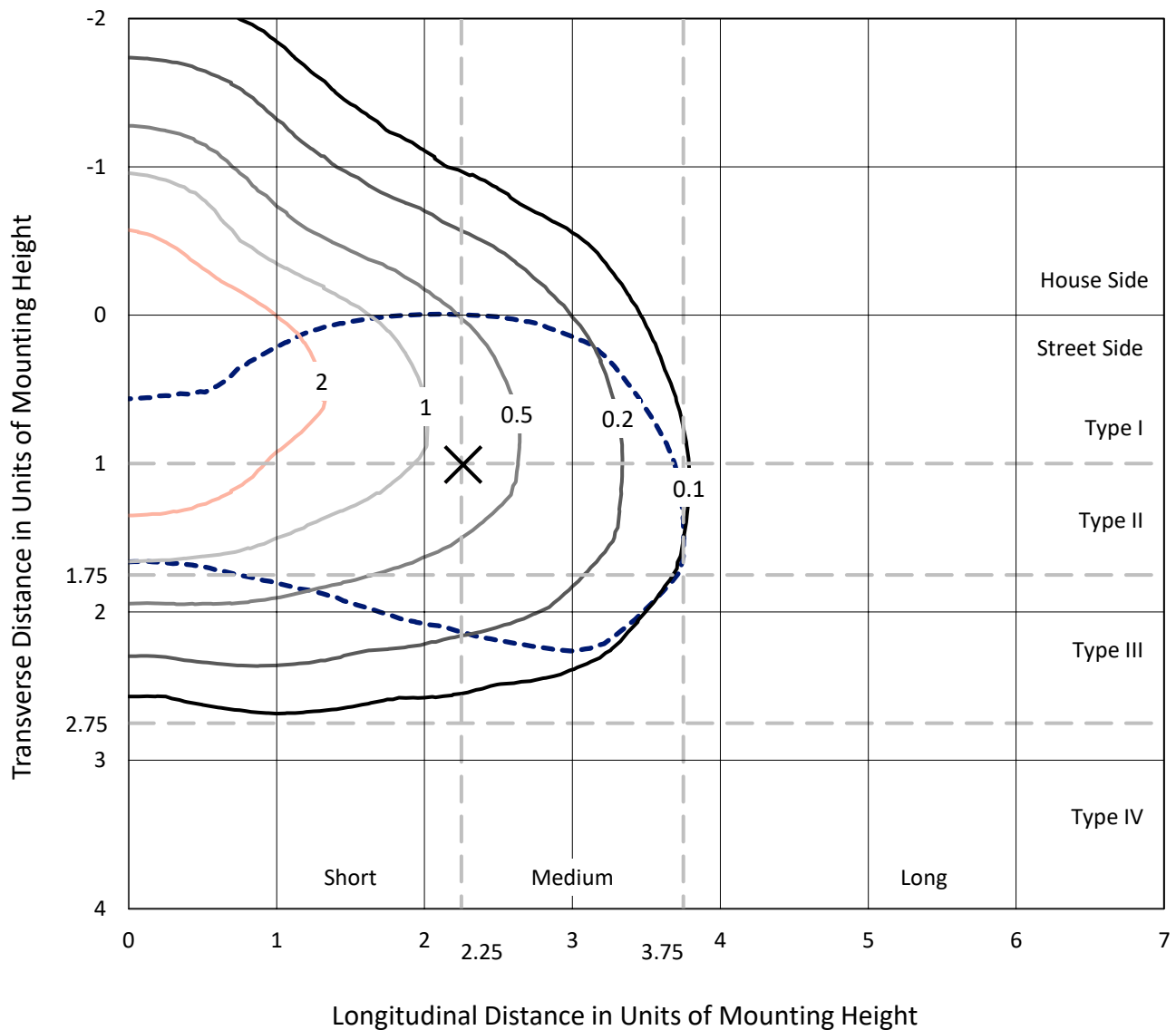
Input Watts (W): 25.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi):
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

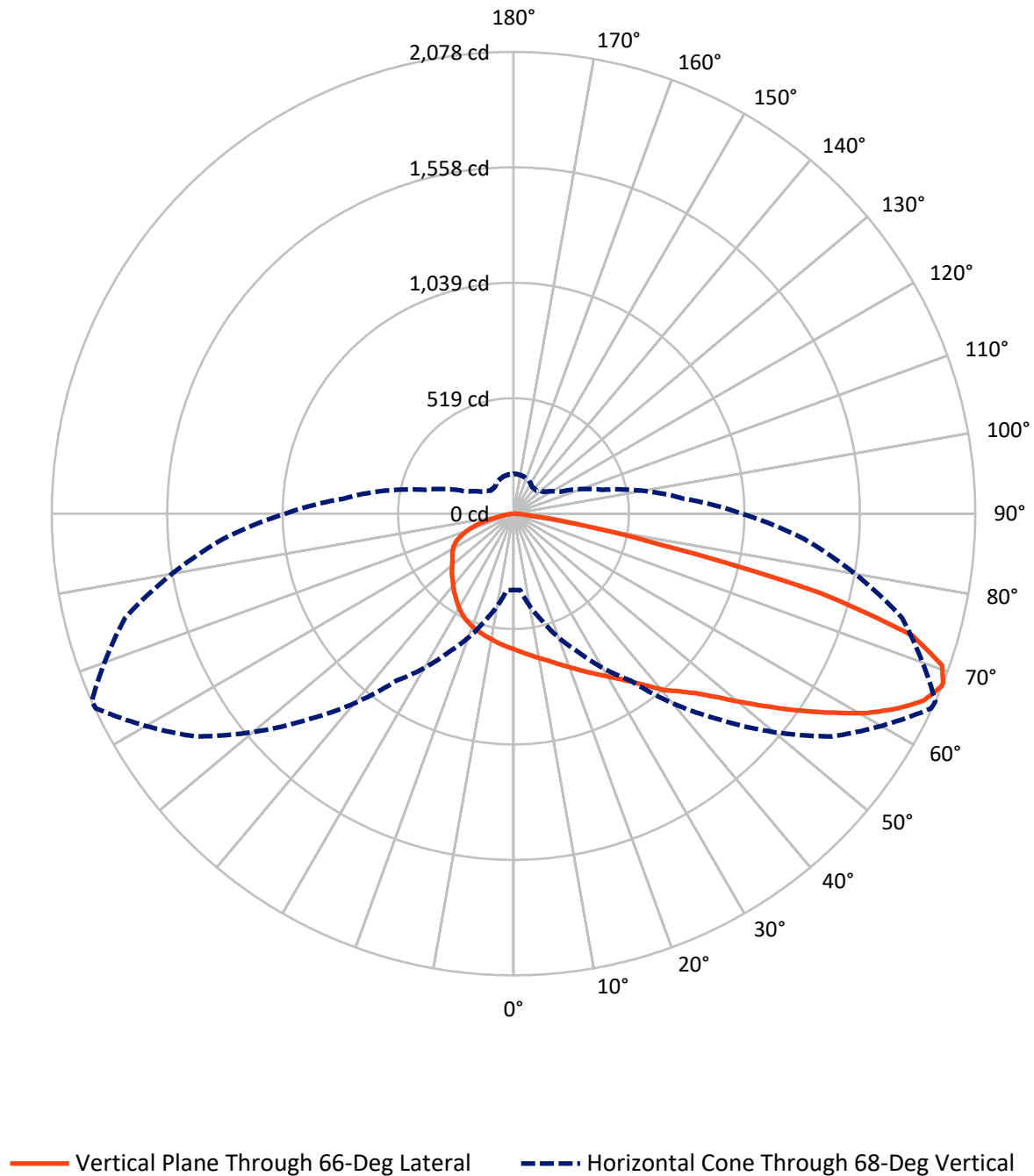
✕ Max cd
 - - - 1/2 Max cd



Based on 12 foot mounting height. Maximum calculated value = 4.9 fc
 Type III - Medium - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	932.3	0.0	932.3
	% Fixture	25.6	0.0	25.6
Street Side	Lumens	2709.4	0.0	2709.4
	% Fixture	74.4	0.0	74.4
Total	Lumens	3641.8	0.0	3641.8
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	58.6	1.6
10°-20°	176.1	4.8
20°-30°	303.5	8.3
30°-40°	470.8	12.9
40°-50°	645.0	17.7
50°-60°	769.4	21.1
60°-70°	771.0	21.2
70°-80°	408.0	11.2
80°-90°	39.4	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°	3641.8	100.0
0°-180°	3641.8	100.0



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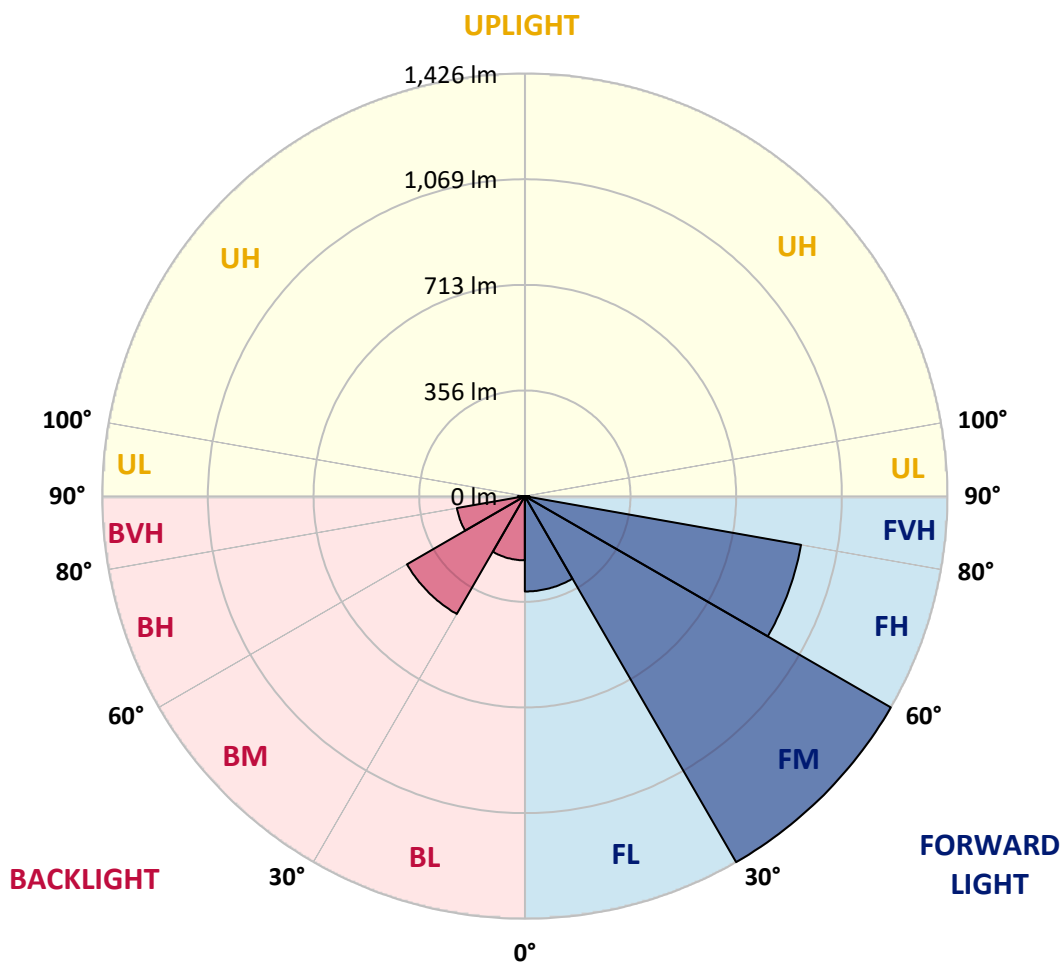
CATALOG NUMBER: GKO-PB1D-740-U-T3

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	321.7	8.8			
FM	(30°-60°)	1425.9	39.2			
FH	(60°-80°)	946.3	26.0			G1/1800
FVH	(80°-90°)	15.5	0.4			G1/100
BL	(0°-30°)	216.6	5.9	B1/500		
BM	(30°-60°)	459.3	12.6	B1/1000		
BH	(60°-80°)	232.6	6.4	B1/500		G1/500
BVH	(80°-90°)	23.9	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°	610.8	610.8	610.8	610.8	610.8	610.8	610.8	610.8	610.8	610.8	610.8
2.5°	636.3	636.3	634.8	634.1	633.4	629.2	626.4	622.8	622.8	617.2	612.2
5°	658.2	658.9	656.0	656.0	653.2	647.6	641.9	634.8	634.8	626.4	616.5
7.5°	677.3	679.4	676.5	676.5	673.7	667.4	658.2	648.3	648.3	636.3	622.1
10°	695.6	697.1	695.6	697.1	692.8	687.2	676.5	663.1	662.4	647.6	627.8
12.5°	710.5	711.9	712.6	714.7	711.2	706.9	697.1	680.1	678.0	660.3	634.8
15°	724.6	726.0	728.2	731.0	730.3	726.7	717.6	698.5	697.1	674.4	644.0
17.5°	735.9	736.6	740.9	746.5	748.0	748.7	738.8	719.0	717.6	690.7	653.9
20°	752.2	753.6	757.8	763.5	767.7	770.6	762.8	740.9	739.5	709.8	666.7
22.5°	789.0	786.8	789.0	789.0	791.1	795.3	789.7	767.7	764.9	732.4	682.2
25°	858.2	856.1	850.5	837.7	823.6	822.9	816.5	795.3	791.8	755.7	697.1
27.5°	955.1	950.1	939.5	912.7	878.7	856.8	846.9	825.0	820.8	779.1	711.2
30°	1057.6	1063.3	1045.6	1008.8	946.6	899.9	880.9	856.1	852.6	805.2	728.2
32.5°	1177.1	1177.8	1160.1	1109.2	1028.6	954.4	921.9	891.5	888.6	835.6	750.8
35°	1246.4	1249.2	1241.4	1194.0	1102.1	1014.5	971.3	934.6	932.5	873.8	779.1
37.5°	1318.5	1324.8	1312.8	1260.5	1158.0	1070.3	1026.5	986.2	984.1	917.6	814.4
40°	1425.2	1422.4	1409.7	1332.6	1210.3	1117.0	1080.9	1049.1	1044.2	971.3	850.5
42.5°	1502.3	1509.3	1481.8	1394.8	1267.6	1163.6	1135.4	1099.3	1092.9	1003.9	871.7
45°	1528.4	1522.1	1491.7	1428.0	1342.5	1206.1	1187.0	1159.4	1153.0	1061.1	913.4
47.5°	1534.1	1522.8	1495.9	1447.8	1406.1	1261.2	1249.9	1243.5	1234.3	1133.2	963.6
50°	1499.4	1491.7	1478.9	1454.9	1447.1	1312.8	1318.5	1341.8	1334.0	1211.0	1019.4
52.5°	1421.0	1417.4	1428.7	1444.3	1423.8	1357.3	1399.8	1447.1	1444.3	1296.5	1079.5
55°	1273.2	1273.2	1336.8	1391.3	1403.3	1386.3	1487.4	1568.7	1565.2	1392.7	1136.8
57.5°	1138.2	1140.3	1193.3	1315.6	1366.5	1417.4	1585.0	1696.0	1690.3	1500.9	1196.9
60°	967.8	967.8	1048.4	1201.8	1313.5	1441.5	1671.2	1819.0	1822.5	1605.5	1256.2
62.5°	766.3	768.5	880.2	1060.4	1237.2	1445.7	1739.8	1934.9	1934.2	1700.2	1302.2
65°	564.9	565.6	717.6	903.5	1122.6	1416.0	1777.3	2024.0	2028.2	1775.1	1329.1
67.5°	366.9	374.0	528.1	733.1	960.7	1331.9	1757.5	2071.4	2076.3	1809.8	1320.6
68°	343.6	345.0	499.8	686.4	916.9	1310.7	1748.3	2073.5	2077.7	1809.1	1312.1
70°	222.7	222.7	357.7	535.9	731.7	1178.5	1668.4	2040.3	2045.2	1778.0	1250.6
72.5°	120.2	122.3	204.3	324.5	499.8	912.0	1505.8	1867.1	1875.5	1607.6	1093.6
75°	84.1	85.5	118.8	181.7	272.2	593.8	1177.1	1426.6	1425.2	1110.6	685.0
77.5°	60.8	60.8	67.9	113.1	142.8	271.5	582.5	687.2	679.4	542.2	345.7
80°	39.6	39.6	42.4	59.4	68.6	82.7	178.2	297.6	303.3	264.4	172.5
82.5°	16.3	17.0	18.4	24.0	24.7	34.6	50.9	85.5	82.7	67.2	48.8
85°	2.1	2.1	2.8	3.5	4.2	7.8	7.1	7.1	7.1	8.5	7.8
87.5°	0.0	0.0	0.0	0.0	0.0	0.7	1.4	2.1	2.1	2.8	2.1
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-PB1D-740-U-T3

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	610.8	610.8	610.8	610.8	610.8	610.8	610.8	610.8	610.8	610.8	610.8
2.5°	610.8	610.8	606.6	602.3	598.1	594.5	589.6	586.1	586.8	588.9	588.2
5°	614.3	610.8	602.3	593.1	586.1	579.7	570.5	565.6	564.9	566.3	565.6
7.5°	616.5	610.8	598.1	583.9	572.6	564.1	551.4	546.5	544.4	545.1	545.1
10°	620.7	611.5	593.8	574.0	559.9	547.9	534.5	527.4	525.3	525.3	524.6
12.5°	625.6	612.9	589.6	565.6	547.2	533.0	517.5	509.7	507.6	507.6	506.9
15°	630.6	615.0	585.4	556.4	535.2	518.2	503.3	494.2	491.3	491.3	492.7
17.5°	637.0	617.2	581.1	547.9	522.4	503.3	487.8	478.6	475.1	477.2	478.6
20°	643.3	621.4	576.9	538.7	509.7	489.9	474.4	465.2	461.6	465.2	465.9
22.5°	652.5	624.9	571.9	528.1	497.0	475.1	460.9	452.4	450.3	453.9	456.7
25°	661.7	629.2	565.6	516.8	480.7	459.5	448.2	441.8	442.5	447.5	450.3
27.5°	671.6	632.7	559.2	502.6	463.1	443.3	434.8	433.4	436.2	441.8	445.4
30°	683.6	637.7	550.7	486.4	443.3	425.6	422.0	426.3	431.2	436.9	440.4
32.5°	699.2	644.0	542.2	468.0	422.8	406.5	412.2	421.3	427.0	432.7	436.2
35°	721.1	656.8	537.3	449.6	400.8	390.2	403.0	417.8	422.0	425.6	429.8
37.5°	746.5	673.7	535.2	432.7	381.0	376.1	393.8	411.4	412.9	414.3	418.5
40°	771.3	686.4	529.5	414.3	360.5	360.5	382.5	399.4	398.7	396.6	399.4
42.5°	781.2	685.0	513.2	396.6	344.3	345.0	364.8	381.0	376.8	376.8	381.0
45°	809.5	696.3	501.2	382.5	329.4	326.6	342.2	354.9	362.0	371.1	375.4
47.5°	845.5	711.9	492.0	366.2	315.3	306.1	314.6	335.8	347.8	357.7	361.3
50°	883.0	729.6	483.6	349.2	301.2	282.8	287.0	310.4	321.0	325.9	328.0
52.5°	921.2	745.8	477.2	335.1	284.9	255.2	264.4	286.3	294.1	296.9	298.3
55°	955.1	759.3	471.5	323.1	266.5	233.3	240.4	263.0	268.6	271.5	273.6
57.5°	991.1	774.1	468.0	311.8	246.0	214.2	219.2	239.7	247.4	250.3	252.4
60°	1023.0	788.2	465.2	299.7	226.9	197.2	200.1	219.9	228.3	229.8	231.9
62.5°	1044.2	797.4	460.9	284.9	209.3	181.0	181.7	200.8	210.0	211.4	212.8
65°	1049.8	795.3	448.2	265.1	191.6	164.7	164.7	183.1	193.0	197.9	200.1
67.5°	1032.9	777.6	421.3	239.7	174.6	149.9	149.9	166.1	176.7	182.4	184.5
68°	1027.2	769.9	412.9	233.3	170.4	146.3	146.3	163.3	173.2	178.2	179.6
70°	979.1	731.7	374.0	209.3	156.9	135.7	135.7	150.6	161.2	161.2	160.5
72.5°	850.5	634.1	307.5	175.3	137.1	120.2	122.3	136.4	140.0	143.5	142.8
75°	526.7	379.6	206.4	138.6	115.2	105.3	109.6	122.3	124.4	132.2	130.1
77.5°	263.7	185.9	109.6	80.6	89.1	90.5	98.3	107.5	113.8	122.3	116.6
80°	130.1	90.5	64.3	50.2	52.3	66.5	85.5	92.6	103.9	109.6	104.6
82.5°	36.1	27.6	26.2	27.6	38.9	51.6	67.2	82.0	96.9	101.8	94.7
85°	6.4	4.9	4.2	13.4	26.9	38.2	54.4	72.8	87.0	83.4	78.5
87.5°	2.1	1.4	1.4	8.5	19.8	31.1	46.7	65.0	74.2	67.2	60.1
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

REPORT NUMBER: SP2-2501-321-1

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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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	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 [^] /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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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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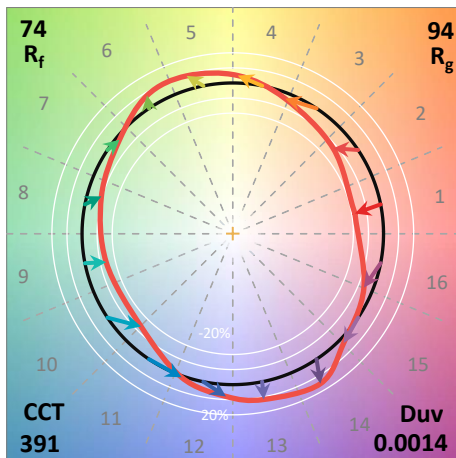
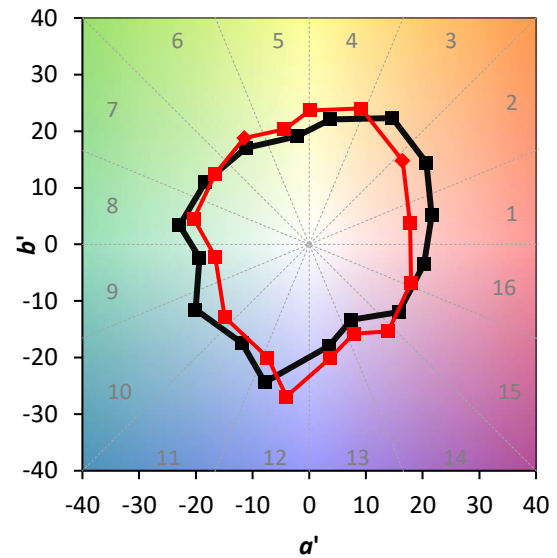
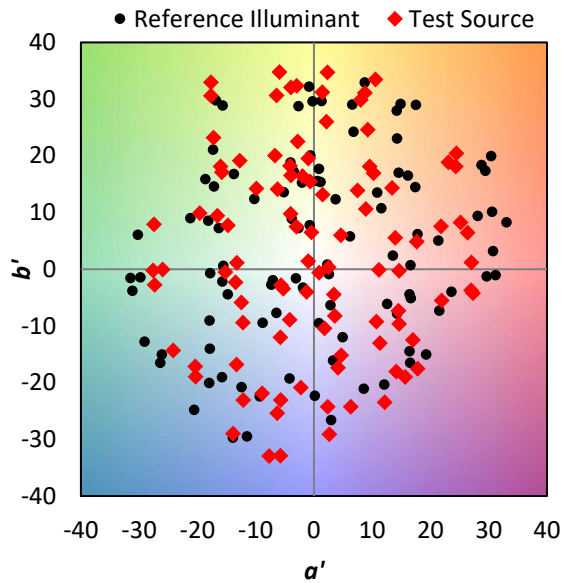
TM-30-18

Summary

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

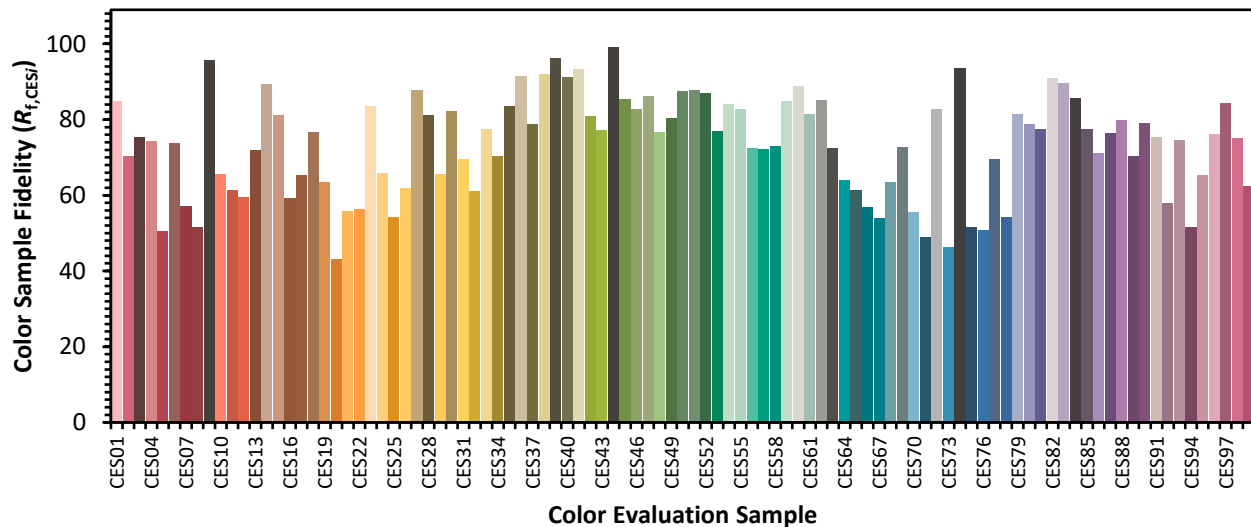


Color Vector Graphics

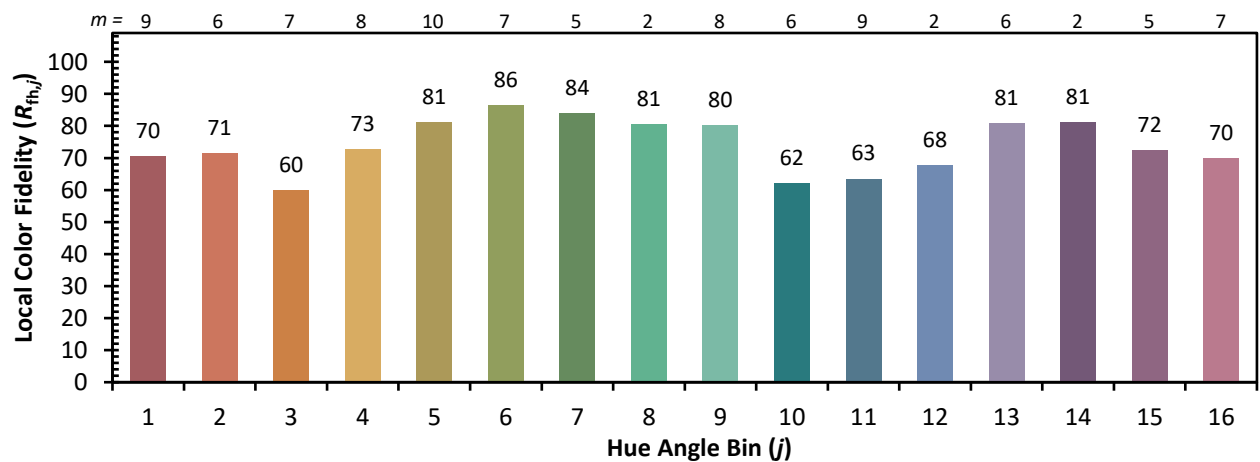
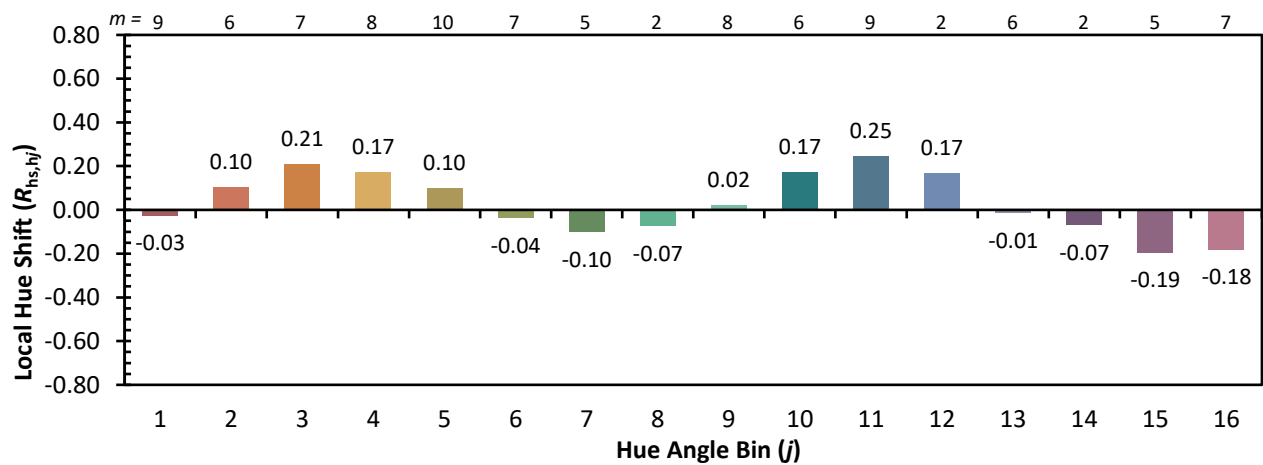


Individual Sample Fidelity Index ($R_{f,i}$)

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



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Measure Comparisons



(END OF REPORT)