

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: P972223

Luminaire Tested: **GKO-PB1D-740-U-T4W**

Issue Date: 02/27/2025



Test Information

Test Method: LM-79-08
Report Number: P972223
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-T4W
Description: GEKKO WALL PACK 3500LM PACKAGE 70CRI 4000K FIXTURE w/ TYPE IV WIDE DISTRIBUTION OPTIC
Light Source: (10) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 3531.9 lumens
Efficiency: N/A
Efficacy: 138.0 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

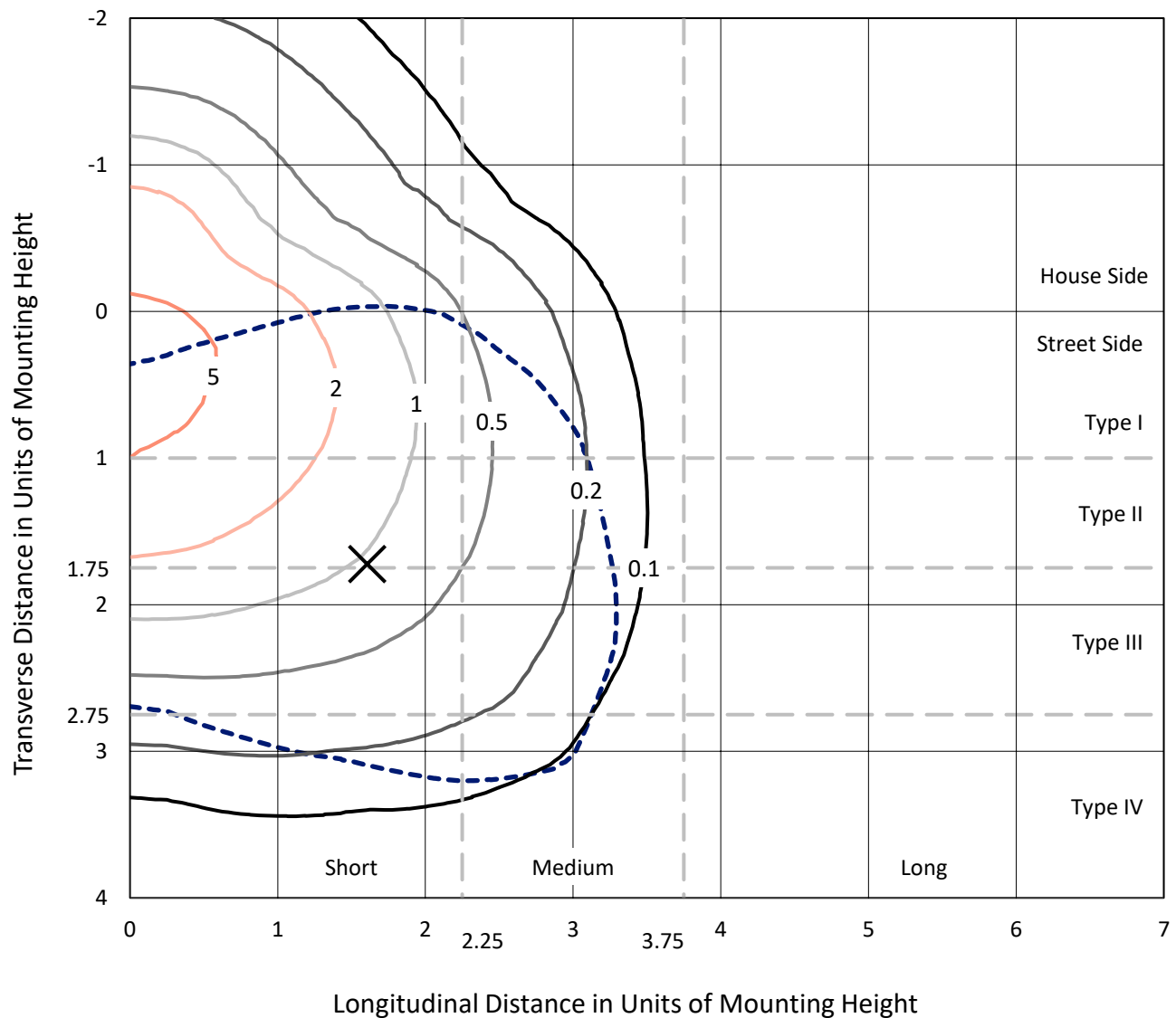
Input Watts (W): 25.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi):
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

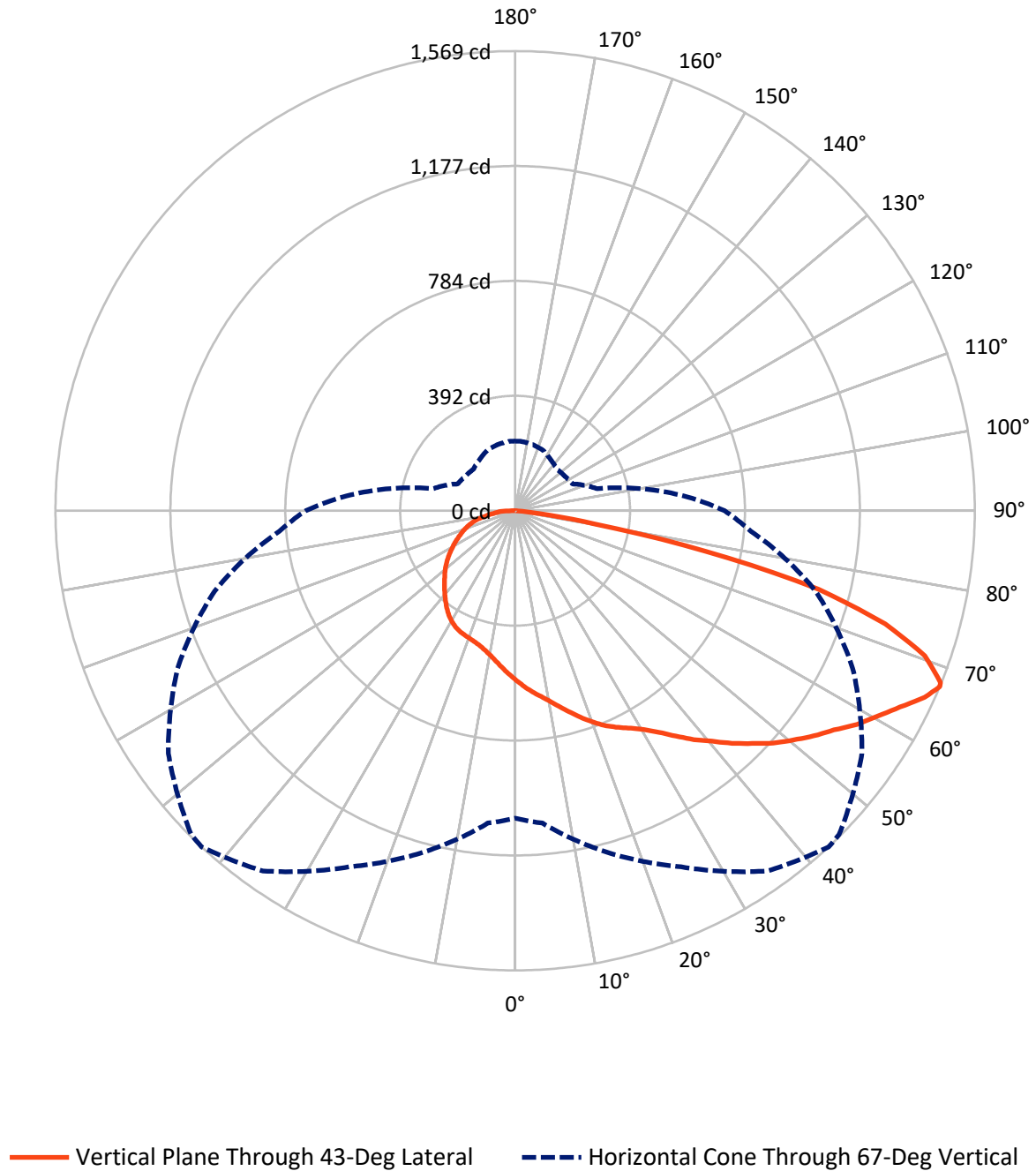


Based on 10 foot mounting height. Maximum calculated value = 6.7 fc
 Type IV - Short - N/A

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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	950.0	0.0	950.0
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	2582.0	0.0	2582.0
	% Fixture	73.1	0.0	73.1
Total	Lumens	3531.9	0.0	3531.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	55.4	1.6
10°-20°	170.3	4.8
20°-30°	294.9	8.3
30°-40°	437.6	12.4
40°-50°	594.5	16.8
50°-60°	729.7	20.7
60°-70°	769.1	21.8
70°-80°	424.5	12.0
80°-90°	55.9	1.6
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°	3531.9	100.0
0°-180°	3531.9	100.0



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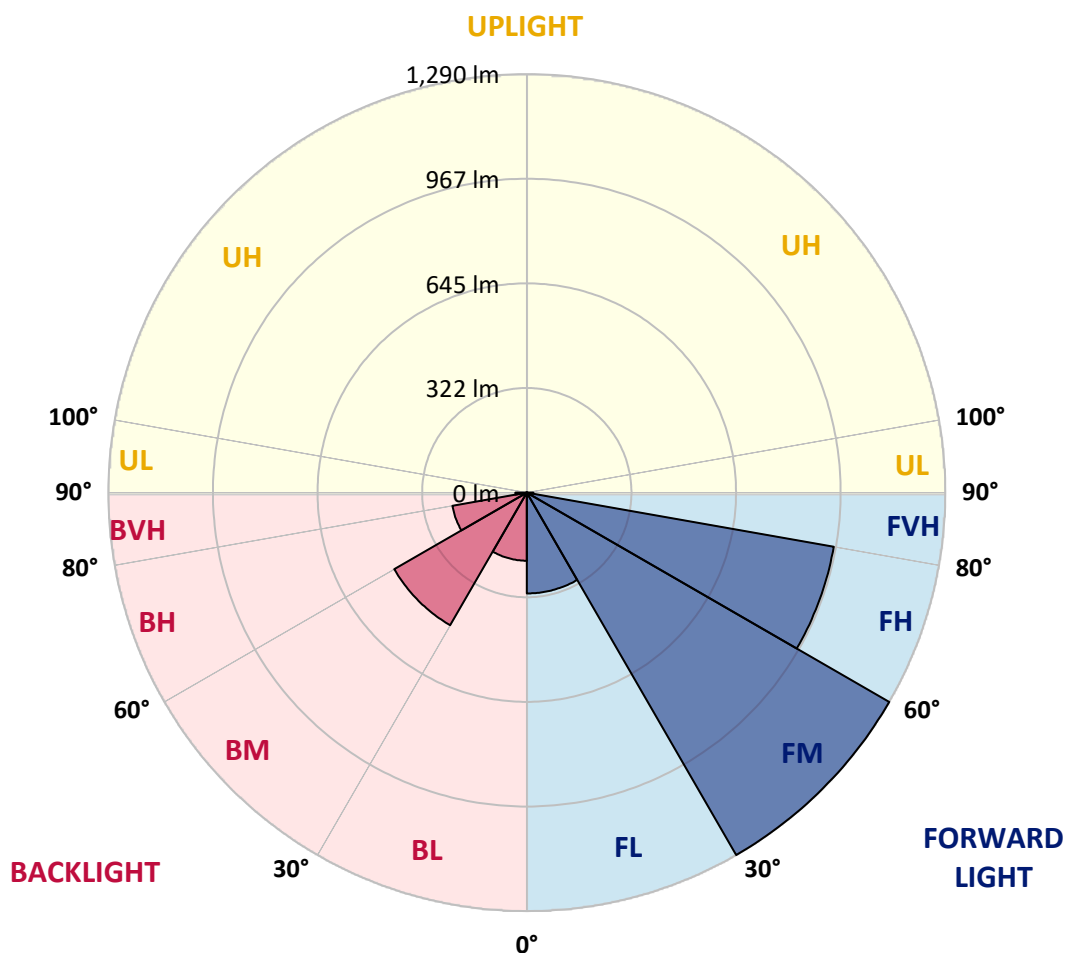
CATALOG NUMBER: GKO-PB1D-740-U-T4W

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	310.7	8.8			
FM	(30°-60°)	1290.0	36.5			
FH	(60°-80°)	960.9	27.2			G1/1800
FVH	(80°-90°)	20.4	0.6			G1/100
BL	(0°-30°)	209.9	5.9	B1/500		
BM	(30°-60°)	471.8	13.4	B1/1000		
BH	(60°-80°)	232.8	6.6	B1/500		G1/500
BVH	(80°-90°)	35.5	1.0			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°	43°	45°	55°	65°	75°	85°
0°	579.7	579.7	579.7	579.7	579.7	579.7	579.7	579.7	579.7	579.7	579.7
2.5°	606.6	608.0	606.6	605.2	602.3	600.9	599.5	596.0	591.7	585.4	580.4
5°	633.4	633.4	631.3	629.9	625.7	621.4	619.3	610.8	601.6	591.0	581.1
7.5°	658.2	661.0	657.5	653.9	647.6	640.5	639.1	626.4	613.6	599.5	584.7
10°	689.3	691.4	686.5	683.6	671.6	662.4	659.6	644.0	627.1	609.4	590.3
12.5°	721.1	722.5	719.0	712.6	699.9	688.6	684.3	663.8	641.9	620.7	596.7
15°	748.7	750.1	748.7	741.6	729.6	715.4	709.8	687.2	660.3	632.7	604.5
17.5°	769.2	772.0	772.0	768.5	757.9	744.4	740.9	712.6	681.5	646.9	613.6
20°	786.9	788.3	791.1	789.0	783.3	772.0	767.1	740.2	702.7	663.1	622.8
22.5°	801.0	802.4	807.4	806.6	803.1	797.5	792.5	767.8	727.5	679.4	631.3
25°	825.7	825.0	827.9	825.7	821.5	819.4	816.5	794.6	752.2	698.5	642.6
27.5°	868.9	867.4	864.6	854.0	843.4	840.6	838.5	822.9	781.2	720.4	655.4
30°	932.5	933.9	920.5	896.4	875.2	866.7	863.9	853.3	813.7	745.8	669.5
32.5°	1008.1	1007.4	985.5	951.6	918.3	901.4	895.7	884.4	846.2	771.3	685.8
35°	1062.6	1061.2	1049.8	1019.4	984.8	944.5	933.9	916.2	880.9	800.3	702.0
37.5°	1136.1	1134.0	1112.1	1080.2	1049.1	991.2	979.1	955.1	914.1	828.6	720.4
40°	1220.2	1206.8	1170.7	1138.2	1095.8	1034.3	1024.4	993.3	952.3	863.2	741.6
42.5°	1296.6	1276.8	1230.1	1189.1	1136.1	1085.2	1072.5	1035.7	989.0	895.0	763.5
45°	1411.1	1363.0	1295.9	1271.8	1179.9	1133.3	1122.7	1077.4	1029.3	929.7	785.4
47.5°	1397.0	1363.0	1341.1	1338.3	1225.9	1185.6	1170.0	1123.4	1072.5	966.4	808.1
50°	1424.5	1397.7	1399.1	1364.4	1267.6	1230.1	1218.8	1171.4	1116.3	1002.5	832.1
52.5°	1418.9	1426.7	1422.4	1368.7	1307.9	1276.8	1268.3	1220.9	1158.0	1037.1	853.3
55°	1464.1	1459.9	1450.7	1397.7	1352.4	1320.6	1313.5	1272.5	1200.4	1066.8	871.7
57.5°	1497.4	1475.4	1474.7	1430.2	1401.9	1375.8	1364.4	1325.6	1240.0	1093.0	885.8
60°	1476.9	1450.7	1469.8	1435.1	1432.3	1422.4	1416.1	1372.2	1275.4	1112.8	891.5
62.5°	1367.3	1373.6	1430.2	1428.1	1465.5	1474.7	1467.7	1404.7	1298.7	1119.8	887.2
65°	1222.3	1241.4	1328.4	1402.6	1504.4	1536.2	1529.2	1428.1	1296.6	1103.6	859.0
67°	1049.8	1070.3	1206.1	1341.1	1500.9	1568.8	1563.8	1445.0	1271.1	1061.9	808.1
67.5°	1011.7	1035.0	1170.7	1312.8	1488.2	1565.9	1562.4	1446.5	1262.6	1042.1	788.3
70°	744.4	772.0	963.6	1153.8	1386.4	1483.9	1483.2	1393.4	1175.0	934.6	683.6
72.5°	463.8	488.5	687.2	900.0	1201.1	1321.3	1316.4	1213.9	1011.7	762.8	539.4
75°	284.2	299.8	432.7	586.8	871.0	1069.6	1076.7	948.7	690.0	453.2	304.7
77.5°	173.9	190.9	272.9	362.0	532.3	665.3	666.7	526.0	354.2	246.7	166.8
80°	96.9	101.1	142.1	189.5	272.9	274.3	263.0	231.9	183.8	118.8	85.5
82.5°	38.2	41.0	61.5	76.4	77.8	81.3	75.6	68.6	58.0	38.2	26.9
85°	0.0	0.0	0.0	1.4	4.9	9.9	9.9	7.1	2.8	2.1	2.1
87.5°	0.0	0.0	0.0	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
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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CATALOG NUMBER: GKO-PB1D-740-U-T4W

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	579.7	579.7	579.7	579.7	579.7	579.7	579.7	579.7	579.7	579.7	579.7
2.5°	579.0	578.3	573.3	567.7	563.5	559.9	556.4	552.1	552.1	553.6	552.8
5°	577.6	574.1	564.9	555.0	547.2	540.1	533.8	528.1	527.4	528.1	528.8
7.5°	578.3	571.9	557.8	542.9	530.2	521.0	511.8	507.6	506.9	506.9	506.9
10°	581.1	571.9	552.8	532.3	516.8	503.4	493.5	489.2	489.9	490.6	491.3
12.5°	586.1	573.3	549.3	523.2	503.4	489.9	480.0	476.5	479.3	482.9	483.6
15°	591.0	576.2	545.8	515.4	492.8	477.9	470.8	470.1	475.1	481.4	482.9
17.5°	596.7	578.3	541.5	505.5	481.4	469.4	465.9	468.0	475.8	485.7	487.8
20°	602.3	581.1	536.6	496.3	470.8	462.4	464.5	470.8	480.7	492.8	494.9
22.5°	608.0	583.2	530.2	485.0	459.5	456.7	464.5	475.1	485.0	498.4	501.2
25°	614.4	586.1	522.4	470.8	448.2	450.3	463.8	476.5	487.1	501.2	504.8
27.5°	624.3	590.3	514.7	458.1	435.5	442.6	460.2	475.8	487.1	500.5	504.8
30°	634.1	594.6	508.3	444.7	422.8	432.0	453.2	472.3	483.6	495.6	501.2
32.5°	645.5	600.2	502.7	431.2	408.6	419.9	443.3	464.5	477.9	488.5	494.2
35°	657.5	608.7	498.4	419.2	394.5	404.4	428.4	454.6	468.0	477.9	482.9
37.5°	673.0	617.9	495.6	407.2	379.6	388.1	412.9	440.4	456.0	463.8	470.1
40°	690.0	631.3	495.6	397.3	365.5	371.2	396.6	426.3	441.9	448.2	454.6
42.5°	707.0	644.8	494.9	387.4	350.7	354.9	380.3	410.7	425.6	430.5	435.5
45°	726.8	660.3	494.2	376.1	334.4	338.6	364.8	395.2	409.3	413.6	417.8
47.5°	748.0	675.9	491.3	362.0	319.5	323.1	349.2	377.5	391.7	396.6	400.8
50°	767.1	690.7	484.3	345.7	306.1	309.7	333.0	356.3	369.0	374.7	378.9
52.5°	784.0	701.3	473.0	327.3	291.3	295.5	313.2	333.7	343.6	347.8	350.7
55°	797.5	707.0	454.6	309.7	277.1	279.3	293.4	311.8	319.5	320.3	322.4
57.5°	806.6	706.3	429.8	289.1	263.0	263.7	273.6	289.9	295.5	294.8	296.2
60°	808.8	697.1	400.1	270.1	248.9	246.7	256.6	267.9	271.5	274.3	277.8
62.5°	800.3	675.2	366.2	251.0	234.7	231.2	238.2	248.1	253.8	255.2	256.6
65°	769.2	634.9	325.2	231.2	220.6	214.2	222.0	236.1	245.3	248.1	247.4
67°	714.7	578.3	289.9	216.3	206.4	200.8	212.1	226.9	233.3	237.5	237.5
67.5°	697.1	557.8	277.8	211.4	202.9	198.0	208.6	222.7	231.2	236.1	236.1
70°	591.7	457.4	234.7	186.6	182.4	183.1	195.8	211.4	222.0	226.9	226.9
72.5°	451.0	354.2	190.9	162.6	161.2	166.1	182.4	196.5	210.0	218.5	217.7
75°	255.9	204.3	139.3	132.9	138.6	148.5	169.0	184.5	196.5	205.0	204.3
77.5°	149.2	123.0	96.1	91.2	107.5	130.1	151.3	171.1	179.6	182.4	180.3
80°	75.6	64.3	60.1	62.2	72.1	96.9	132.2	155.5	161.9	164.0	161.9
82.5°	24.0	21.9	24.0	31.8	48.1	76.4	106.8	140.7	148.5	148.5	147.8
85°	1.4	1.4	1.4	14.1	33.2	56.6	83.4	123.0	139.3	137.9	135.7
87.5°	0.7	0.7	0.7	9.2	26.2	47.4	73.5	111.7	132.9	123.0	115.9
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

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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 4000K 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	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 ^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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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 2.88

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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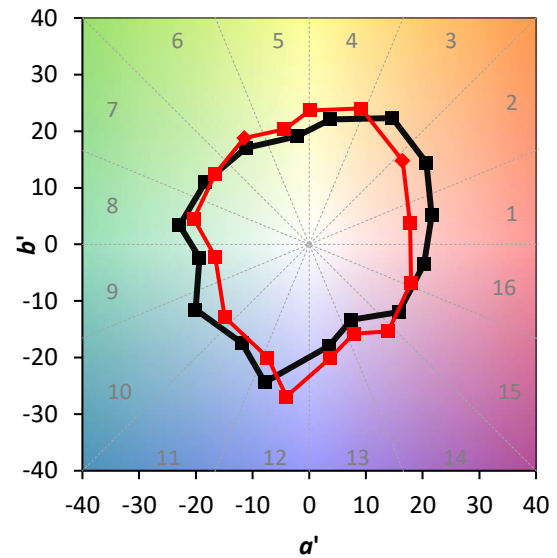
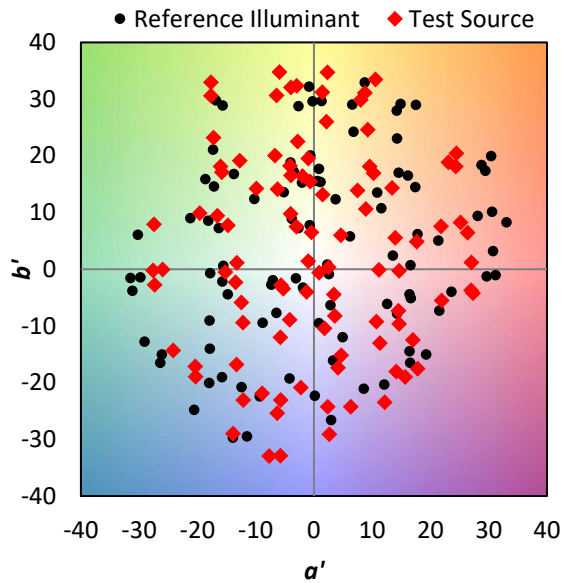
TM-30-18

Summary

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

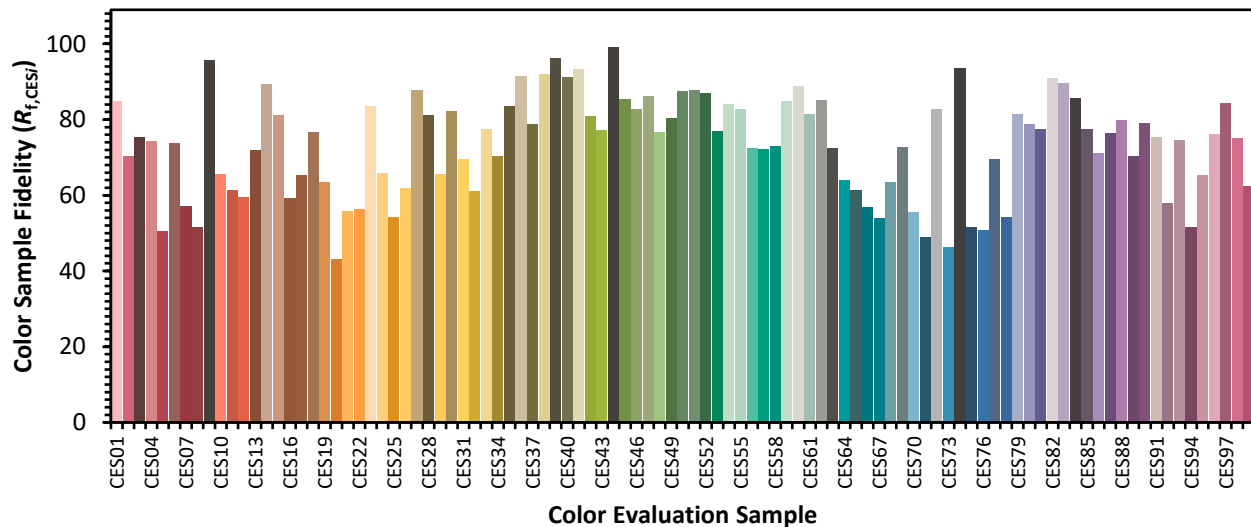


Color Vector Graphics

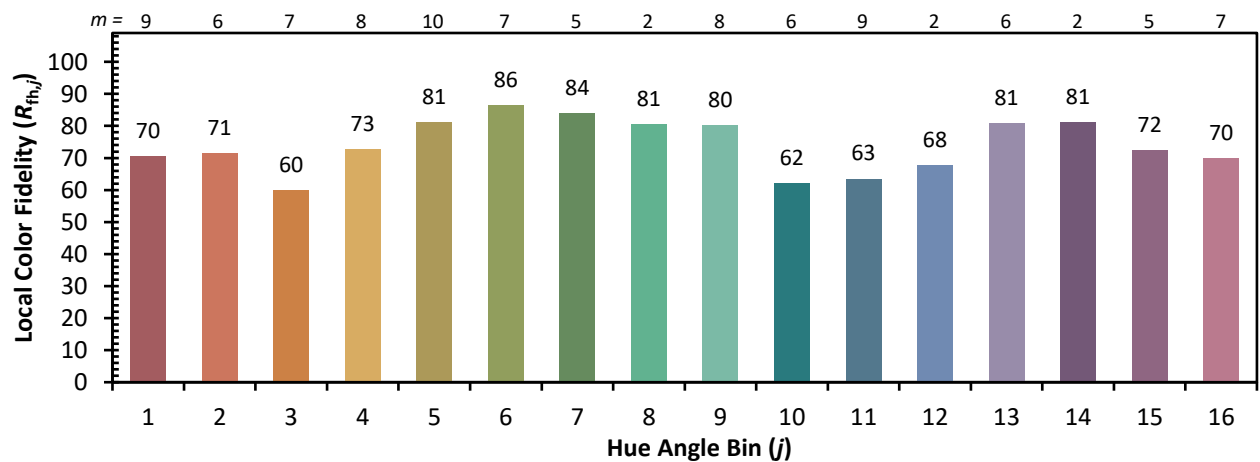
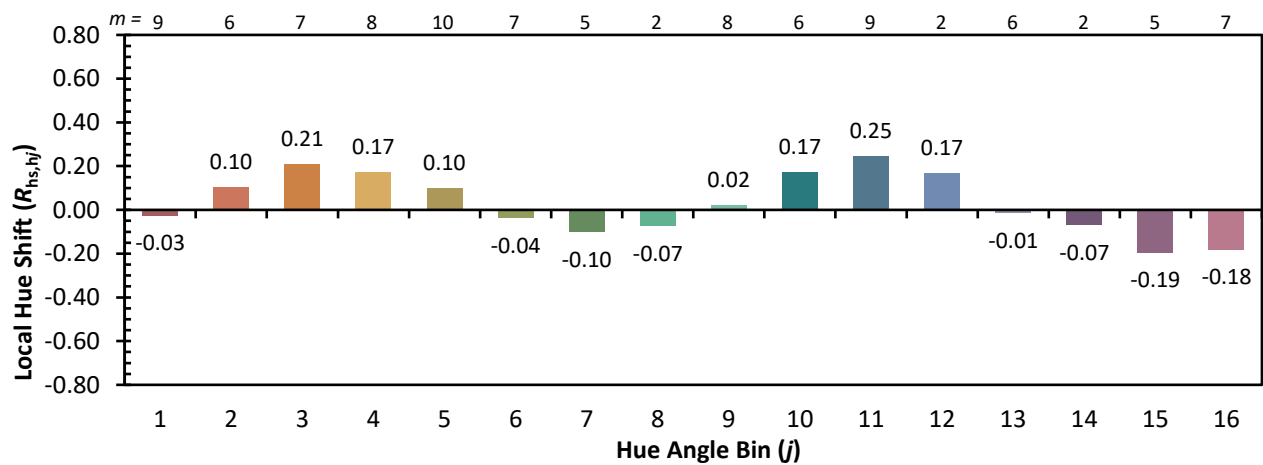


Individual Sample Fidelity Index ($R_{f,i}$)

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



Measure Comparisons



(END OF REPORT)