

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: P972241

Luminaire Tested: **GKO-PB2A-750-U-T4W**

Issue Date: 02/27/2025



Test Information

Test Method: LM-79-08
Report Number: P972241
Test Lab: INNOVATION CENTER(G1)
Issue Date: 02/27/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB2A-750-U-T4W
Description: GEKKO WALL PACK 4000LM PACKAGE 70CRI 5000K FIXTURE w/ TYPE IV WIDE DISTRIBUTION OPTIC
Light Source: (20) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 4057.9 lumens
Efficiency: N/A
Efficacy: 153.1 lumens/watt
Luminous Opening: Rectangular (W 0.67' x L: 0.33' x H: 0')
IES Classification: Type IV - Short
BUG Rating: B1 - U0 - G1

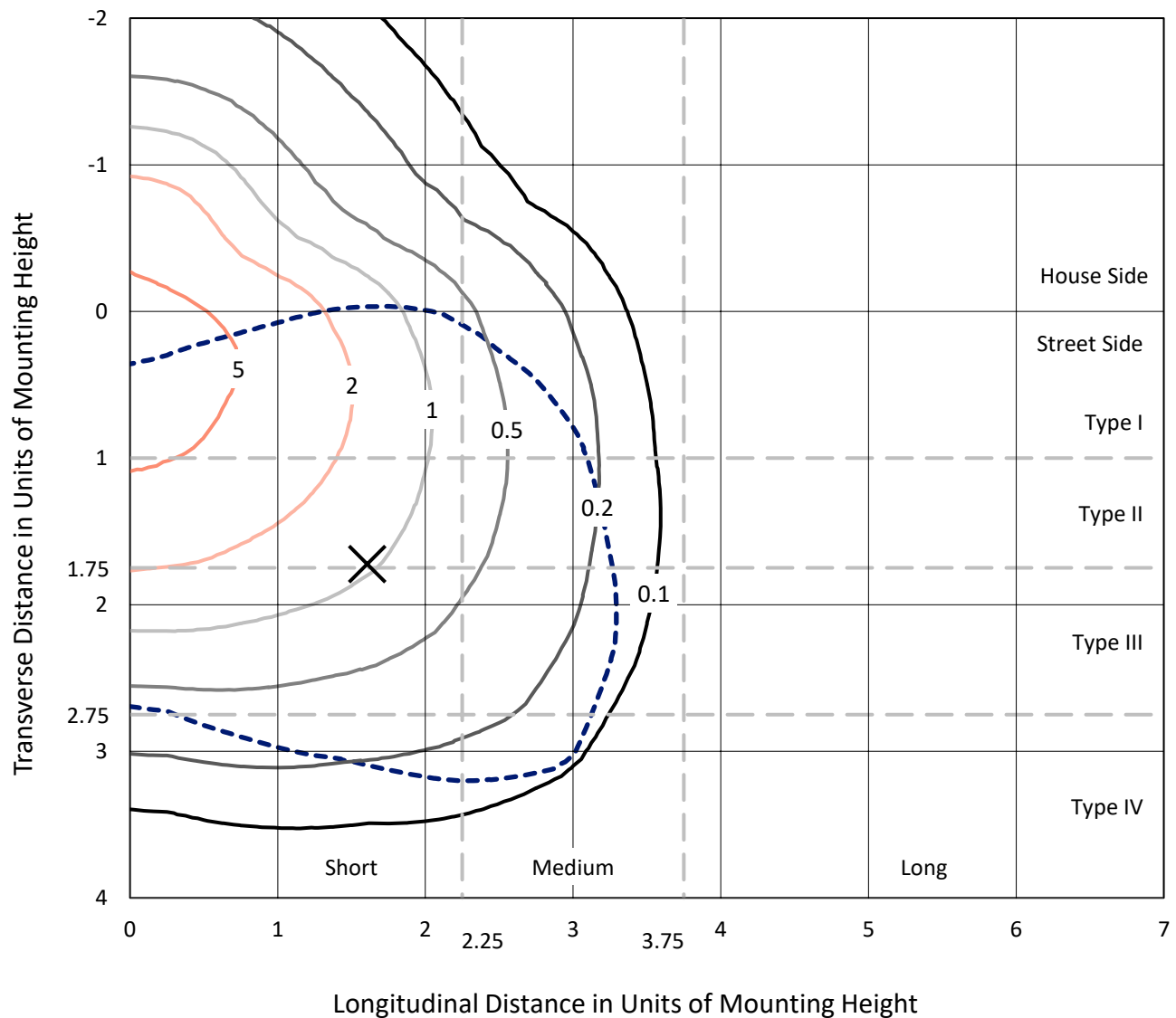
Input Watts (W): 26.5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): 12%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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CATALOG NUMBER: GKO-PB2A-750-U-T4W

Iso-Footcandle Lines of Horizontal Illumination

× Max cd
 - - - 1/2 Max cd

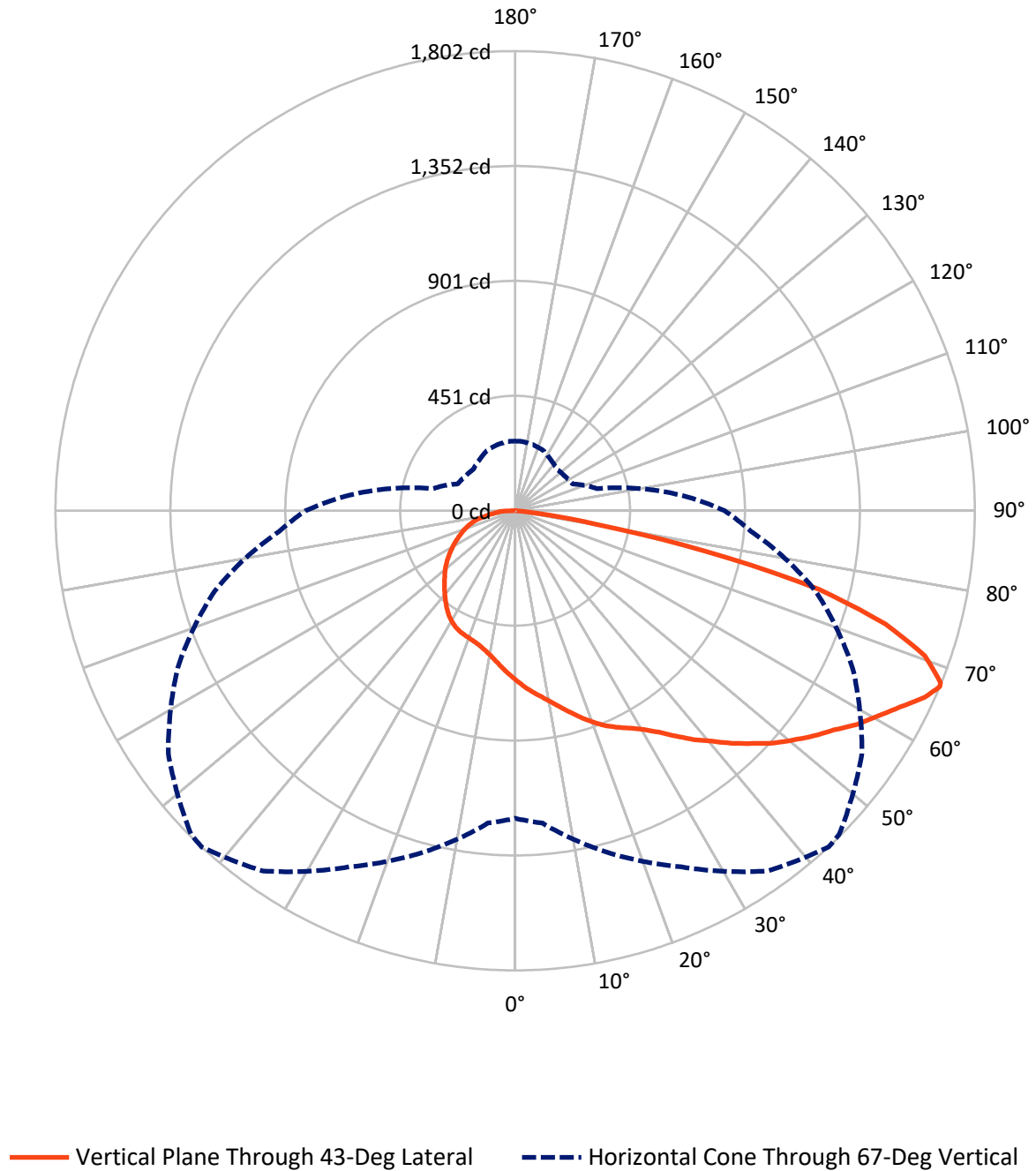


Based on 10 foot mounting height. Maximum calculated value = 7.7 fc
 Type IV - Short - N/A

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CATALOG NUMBER: GKO-PB2A-750-U-T4W

Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1091.5	0.0	1091.5
	% Fixture	26.9	0.0	26.9
Street Side	Lumens	2966.5	0.0	2966.5
	% Fixture	73.1	0.0	73.1
Total	Lumens	4057.9	0.0	4057.9
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	63.7	1.6
10°-20°	195.7	4.8
20°-30°	338.8	8.3
30°-40°	502.8	12.4
40°-50°	683.0	16.8
50°-60°	838.4	20.7
60°-70°	883.6	21.8
70°-80°	487.8	12.0
80°-90°	64.3	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°	4057.9	100.0
0°-180°	4057.9	100.0



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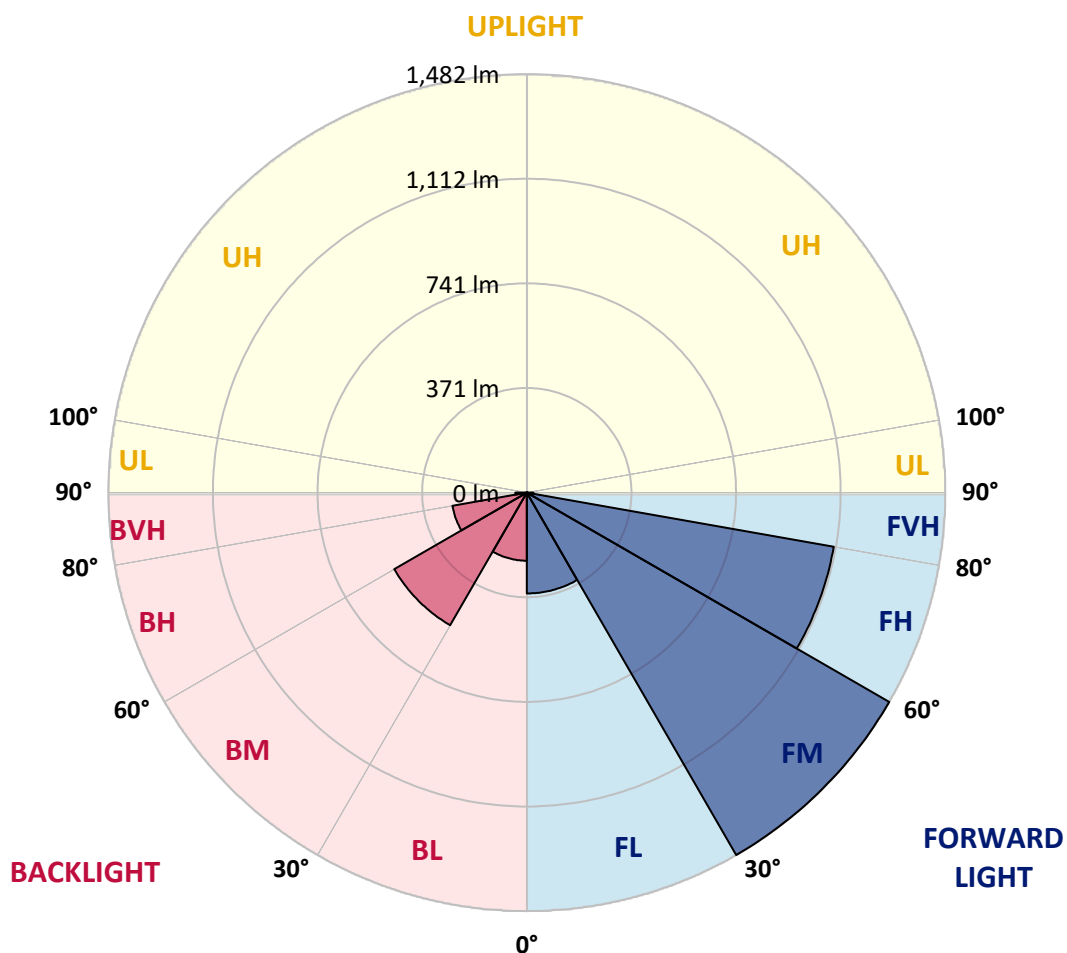
CATALOG NUMBER: GKO-PB2A-750-U-T4W

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	357.0	8.8			
FM	(30°-60°)	1482.1	36.5			
FH	(60°-80°)	1103.9	27.2			G1/1800
FVH	(80°-90°)	23.5	0.6			G1/100
BL	(0°-30°)	241.1	5.9	B1/500		
BM	(30°-60°)	542.1	13.4	B1/1000		
BH	(60°-80°)	267.5	6.6	B1/500		G1/500
BVH	(80°-90°)	40.8	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°	666.0	666.0	666.0	666.0	666.0	666.0	666.0	666.0	666.0	666.0	666.0
2.5°	696.9	698.5	696.9	695.3	692.0	690.4	688.8	684.7	679.9	672.5	666.9
5°	727.8	727.8	725.3	723.7	718.8	714.0	711.5	701.8	691.2	679.0	667.7
7.5°	756.2	759.5	755.4	751.3	744.0	735.9	734.3	719.7	705.0	688.8	671.7
10°	791.9	794.4	788.7	785.4	771.6	761.1	757.8	740.0	720.5	700.2	678.2
12.5°	828.5	830.1	826.1	818.7	804.1	791.1	786.3	762.7	737.5	713.2	685.5
15°	860.2	861.8	860.2	852.1	838.2	822.0	815.5	789.5	758.6	727.0	694.5
17.5°	883.7	887.0	887.0	882.9	870.7	855.3	851.2	818.7	783.0	743.2	705.0
20°	904.0	905.7	908.9	906.5	900.0	887.0	881.3	850.4	807.4	761.9	715.6
22.5°	920.3	921.9	927.6	926.8	922.7	916.2	910.5	882.1	835.8	780.6	725.3
25°	948.7	947.9	951.1	948.7	943.8	941.4	938.1	913.0	864.2	802.5	738.3
27.5°	998.3	996.6	993.4	981.2	969.0	965.8	963.3	945.5	897.5	827.7	753.0
30°	1071.4	1073.0	1057.5	1029.9	1005.6	995.8	992.6	980.4	934.9	856.9	769.2
32.5°	1158.3	1157.5	1132.3	1093.3	1055.1	1035.6	1029.1	1016.1	972.3	886.2	787.9
35°	1220.8	1219.2	1206.2	1171.3	1131.5	1085.2	1073.0	1052.7	1012.1	919.5	806.6
37.5°	1305.3	1302.8	1277.7	1241.1	1205.4	1138.8	1125.0	1097.3	1050.2	952.0	827.7
40°	1401.9	1386.5	1345.1	1307.7	1259.0	1188.3	1176.9	1141.2	1094.1	991.8	852.1
42.5°	1489.7	1466.9	1413.3	1366.2	1305.3	1246.8	1232.2	1189.9	1136.3	1028.3	877.2
45°	1621.3	1566.0	1488.9	1461.2	1355.6	1302.0	1289.9	1237.9	1182.6	1068.1	902.4
47.5°	1605.0	1566.0	1540.8	1537.6	1408.4	1362.1	1344.3	1290.7	1232.2	1110.3	928.4
50°	1636.7	1605.8	1607.4	1567.6	1456.4	1413.3	1400.3	1345.9	1282.5	1151.8	956.0
52.5°	1630.2	1639.1	1634.2	1572.5	1502.7	1466.9	1457.2	1402.8	1330.5	1191.6	980.4
55°	1682.2	1677.3	1666.7	1605.8	1553.8	1517.3	1509.2	1462.0	1379.2	1225.7	1001.5
57.5°	1720.3	1695.2	1694.4	1643.2	1610.7	1580.6	1567.6	1523.0	1424.7	1255.7	1017.7
60°	1696.8	1666.7	1688.7	1648.9	1645.6	1634.2	1626.9	1576.6	1465.3	1278.5	1024.2
62.5°	1570.9	1578.2	1643.2	1640.7	1683.8	1694.4	1686.2	1613.9	1492.1	1286.6	1019.4
65°	1404.4	1426.3	1526.2	1611.5	1728.5	1765.0	1756.9	1640.7	1489.7	1267.9	986.9
67°	1206.2	1229.7	1385.7	1540.8	1724.4	1802.4	1796.7	1660.2	1460.4	1220.0	928.4
67.5°	1162.3	1189.1	1345.1	1508.3	1709.8	1799.1	1795.1	1661.9	1450.7	1197.3	905.7
70°	855.3	887.0	1107.1	1325.6	1592.8	1704.9	1704.1	1600.9	1350.0	1073.8	785.4
72.5°	532.8	561.3	789.5	1034.0	1380.0	1518.1	1512.4	1394.6	1162.3	876.4	619.7
75°	326.5	344.4	497.1	674.2	1000.7	1228.9	1237.1	1090.0	792.8	520.7	350.1
77.5°	199.8	219.3	313.5	415.9	611.6	764.3	766.0	604.3	406.9	283.5	191.7
80°	111.3	116.2	163.3	217.7	313.5	315.2	302.2	266.4	211.2	136.5	98.3
82.5°	43.9	47.1	70.7	87.7	89.3	93.4	86.9	78.8	66.6	43.9	30.9
85°	0.0	0.0	0.0	1.6	5.7	11.4	11.4	8.1	3.2	2.4	2.4
87.5°	0.0	0.0	0.0	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
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-PB2A-750-U-T4W

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	666.0	666.0	666.0	666.0	666.0	666.0	666.0	666.0	666.0	666.0	666.0
2.5°	665.2	664.4	658.7	652.2	647.4	643.3	639.2	634.4	634.4	636.0	635.2
5°	663.6	659.5	649.0	637.6	628.7	620.6	613.2	606.8	605.9	606.8	607.6
7.5°	664.4	657.1	640.9	623.8	609.2	598.6	588.1	583.2	582.4	582.4	582.4
10°	667.7	657.1	635.2	611.6	593.8	578.3	567.0	562.1	562.9	563.7	564.5
12.5°	673.4	658.7	631.1	601.1	578.3	562.9	551.5	547.5	550.7	554.8	555.6
15°	679.0	662.0	627.1	592.1	566.1	549.1	541.0	540.1	545.8	553.1	554.8
17.5°	685.5	664.4	622.2	580.8	553.1	539.3	535.3	537.7	546.6	558.0	560.5
20°	692.0	667.7	616.5	570.2	541.0	531.2	533.6	541.0	552.3	566.1	568.6
22.5°	698.5	670.1	609.2	557.2	528.0	524.7	533.6	545.8	557.2	572.6	575.9
25°	705.8	673.4	600.3	541.0	515.0	517.4	532.8	547.5	559.6	575.9	579.9
27.5°	717.2	678.2	591.3	526.3	500.3	508.5	528.8	546.6	559.6	575.1	579.9
30°	728.6	683.1	584.0	510.9	485.7	496.3	520.7	542.6	555.6	569.4	575.9
32.5°	741.6	689.6	577.5	495.5	469.5	482.5	509.3	533.6	549.1	561.3	567.8
35°	755.4	699.3	572.6	481.7	453.2	464.6	492.2	522.3	537.7	549.1	554.8
37.5°	773.3	709.9	569.4	467.9	436.2	445.9	474.4	506.0	523.9	532.8	540.1
40°	792.8	725.3	569.4	456.5	419.9	426.4	455.7	489.8	507.7	515.0	522.3
42.5°	812.2	740.8	568.6	445.1	402.9	407.7	437.0	471.9	489.0	494.7	500.3
45°	835.0	758.6	567.8	432.1	384.2	389.1	419.1	454.0	470.3	475.2	480.0
47.5°	859.4	776.5	564.5	415.9	367.1	371.2	401.3	433.7	450.0	455.7	460.5
50°	881.3	793.6	556.4	397.2	351.7	355.8	382.6	409.4	424.0	430.5	435.4
52.5°	900.8	805.8	543.4	376.1	334.6	339.5	359.8	383.4	394.8	399.6	402.9
55°	916.2	812.2	522.3	355.8	318.4	320.8	337.1	358.2	367.1	367.9	370.4
57.5°	926.8	811.4	493.8	332.2	302.2	303.0	314.3	333.0	339.5	338.7	340.3
60°	929.2	800.9	459.7	310.3	285.9	283.5	294.8	307.8	311.9	315.2	319.2
62.5°	919.5	775.7	420.7	288.3	269.7	265.6	273.7	285.1	291.6	293.2	294.8
65°	883.7	729.4	373.6	265.6	253.4	246.1	255.0	271.3	281.9	285.1	284.3
67°	821.2	664.4	333.0	248.5	237.2	230.7	243.7	260.7	268.0	272.9	272.9
67.5°	800.9	640.9	319.2	242.9	233.1	227.4	239.6	255.9	265.6	271.3	271.3
70°	679.9	525.5	269.7	214.4	209.6	210.4	225.0	242.9	255.0	260.7	260.7
72.5°	518.2	406.9	219.3	186.8	185.2	190.9	209.6	225.8	241.2	251.0	250.2
75°	294.0	234.7	160.0	152.7	159.2	170.6	194.1	212.0	225.8	235.6	234.7
77.5°	171.4	141.3	110.5	104.8	123.5	149.5	173.8	196.6	206.3	209.6	207.1
80°	86.9	73.9	69.0	71.5	82.8	111.3	151.9	178.7	186.0	188.4	186.0
82.5°	27.6	25.2	27.6	36.6	55.2	87.7	122.6	161.6	170.6	170.6	169.8
85°	1.6	1.6	1.6	16.2	38.2	65.0	95.8	141.3	160.0	158.4	156.0
87.5°	0.8	0.8	0.8	10.6	30.1	54.4	84.5	128.3	152.7	141.3	133.2
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: SP2-2501-321-5

Test Date: 04/10/2025

Luminaire Tested: GKO-PB1E-750-U-T4W

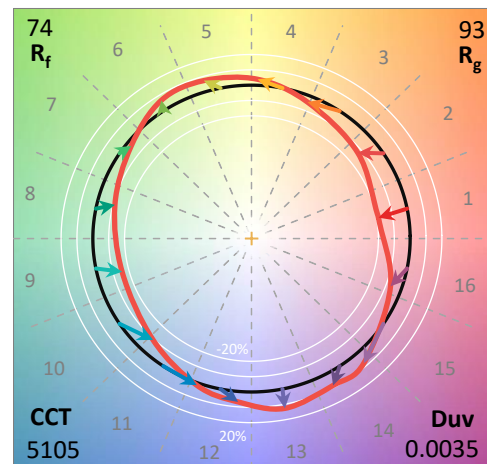
Data in this report applies to families of products including GKO-PB1E-750-U-T4W

Test Information

Test Method: LM-79-2019
 Report Number: SP2-2501-321-5
 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-750-U-T4W**
 Description: Gekko Wedge Wall Pack Fixture 1 SQ w/ T4W distribution

Spectral Parameters

CCT (K):	5105	CRI (Ra):	72.2		
CIE u':	0.2079	R1:	68.8	R9:	-38.2
CIE v':	0.4868	R2:	78.3	R10:	48.2
Duv:	0.0035	R3:	84.9	R11:	68.1
CIE x:	0.3428	R4:	71.7	R12:	42.9
CIE y:	0.3567	R5:	69.8	R13:	70.6
CIE z:	0.3005	R6:	69.8	R14:	91.6
Peak Wavelength (nm):	451	R7:	81.2	R15:	61.7
Dominant Wavelength (nm):	567	R8:	53.5		
Purity:	9.884628				
Rf:	74.2				
Rg:	92.7				



Test Conditions

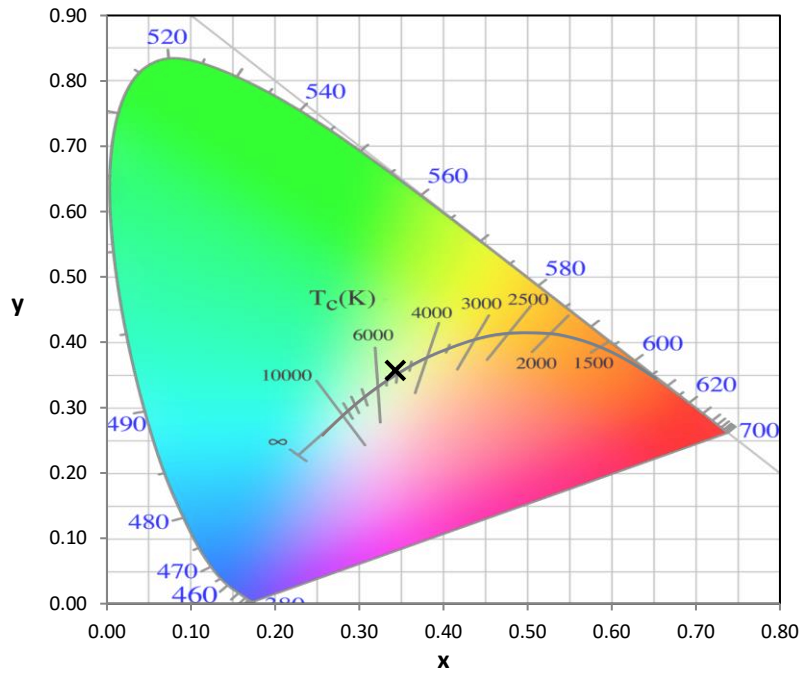
Stabilization Time: 30M
 Operation Time: 1H 30M
 Sphere Temperature (°C): 25.0

REPORT NUMBER: SP2-2501-321-5

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 5000K 4-step quadrangle

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Photopic Flux vs. Wavelength

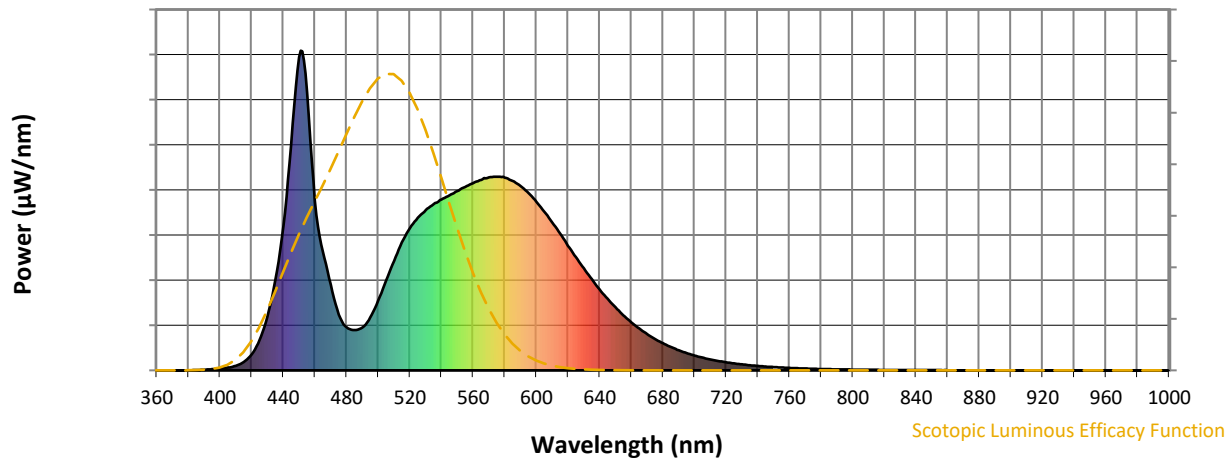


Photopic Lumens: NR

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	134	NR	620	390	NR	750	10	NR	880	0	NR
365	0	NR	495	165	NR	625	354	NR	755	9	NR	885	0	NR
370	0	NR	500	218	NR	630	319	NR	760	8	NR	890	0	NR
375	0	NR	505	281	NR	635	285	NR	765	7	NR	895	0	NR
380	0	NR	510	343	NR	640	254	NR	770	6	NR	900	0	NR
385	1	NR	515	400	NR	645	224	NR	775	5	NR	905	0	NR
390	2	NR	520	444	NR	650	197	NR	780	4	NR	910	0	NR
395	4	NR	525	477	NR	655	173	NR	785	4	NR	915	0	NR
400	6	NR	530	501	NR	660	150	NR	790	3	NR	920	0	NR
405	9	NR	535	520	NR	665	131	NR	795	3	NR	925	0	NR
410	14	NR	540	534	NR	670	113	NR	800	2	NR	930	0	NR
415	26	NR	545	547	NR	675	98	NR	805	2	NR	935	0	NR
420	50	NR	550	561	NR	680	85	NR	810	2	NR	940	0	NR
425	95	NR	555	574	NR	685	73	NR	815	2	NR	945	0	NR
430	168	NR	560	586	NR	690	63	NR	820	1	NR	950	0	NR
435	284	NR	565	596	NR	695	54	NR	825	1	NR	955	0	NR
440	452	NR	570	604	NR	700	46	NR	830	1	NR	960	0	NR
445	705	NR	575	606	NR	705	40	NR	835	1	NR	965	0	NR
450	980	NR	580	603	NR	710	34	NR	840	1	NR	970	0	NR
455	869	NR	585	592	NR	715	29	NR	845	1	NR	975	0	NR
460	531	NR	590	577	NR	720	25	NR	850	1	NR	980	0	NR
465	372	NR	595	554	NR	725	22	NR	855	1	NR	985	0	NR
470	268	NR	600	527	NR	730	19	NR	860	1	NR	990	0	NR
475	174	NR	605	497	NR	735	16	NR	865	0	NR	995	0	NR
480	135	NR	610	462	NR	740	14	NR	870	0	NR	1000	0	NR
485	126	NR	615	428	NR	745	12	NR	875	0	NR			

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Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.82

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	134	NR	620	390	NR	750	10	NR	880	0	NR
365	0	NR	495	165	NR	625	354	NR	755	9	NR	885	0	NR
370	0	NR	500	218	NR	630	319	NR	760	8	NR	890	0	NR
375	0	NR	505	281	NR	635	285	NR	765	7	NR	895	0	NR
380	0	NR	510	343	NR	640	254	NR	770	6	NR	900	0	NR
385	1	NR	515	400	NR	645	224	NR	775	5	NR	905	0	NR
390	2	NR	520	444	NR	650	197	NR	780	4	NR	910	0	NR
395	4	NR	525	477	NR	655	173	NR	785	4	NR	915	0	NR
400	6	NR	530	501	NR	660	150	NR	790	3	NR	920	0	NR
405	9	NR	535	520	NR	665	131	NR	795	3	NR	925	0	NR
410	14	NR	540	534	NR	670	113	NR	800	2	NR	930	0	NR
415	26	NR	545	547	NR	675	98	NR	805	2	NR	935	0	NR
420	50	NR	550	561	NR	680	85	NR	810	2	NR	940	0	NR
425	95	NR	555	574	NR	685	73	NR	815	2	NR	945	0	NR
430	168	NR	560	586	NR	690	63	NR	820	1	NR	950	0	NR
435	284	NR	565	596	NR	695	54	NR	825	1	NR	955	0	NR
440	452	NR	570	604	NR	700	46	NR	830	1	NR	960	0	NR
445	705	NR	575	606	NR	705	40	NR	835	1	NR	965	0	NR
450	980	NR	580	603	NR	710	34	NR	840	1	NR	970	0	NR
455	869	NR	585	592	NR	715	29	NR	845	1	NR	975	0	NR
460	531	NR	590	577	NR	720	25	NR	850	1	NR	980	0	NR
465	372	NR	595	554	NR	725	22	NR	855	1	NR	985	0	NR
470	268	NR	600	527	NR	730	19	NR	860	1	NR	990	0	NR
475	174	NR	605	497	NR	735	16	NR	865	0	NR	995	0	NR
480	135	NR	610	462	NR	740	14	NR	870	0	NR	1000	0	NR
485	126	NR	615	428	NR	745	12	NR	875	0	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.75

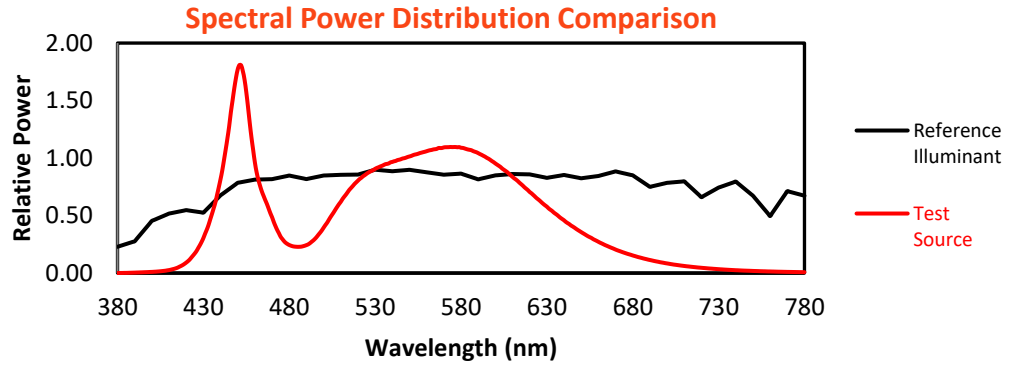
λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	134	NR	620	390	NR	750	10	NR	880	0	NR
365	0	NR	495	165	NR	625	354	NR	755	9	NR	885	0	NR
370	0	NR	500	218	NR	630	319	NR	760	8	NR	890	0	NR
375	0	NR	505	281	NR	635	285	NR	765	7	NR	895	0	NR
380	0	NR	510	343	NR	640	254	NR	770	6	NR	900	0	NR
385	1	NR	515	400	NR	645	224	NR	775	5	NR	905	0	NR
390	2	NR	520	444	NR	650	197	NR	780	4	NR	910	0	NR
395	4	NR	525	477	NR	655	173	NR	785	4	NR	915	0	NR
400	6	NR	530	501	NR	660	150	NR	790	3	NR	920	0	NR
405	9	NR	535	520	NR	665	131	NR	795	3	NR	925	0	NR
410	14	NR	540	534	NR	670	113	NR	800	2	NR	930	0	NR
415	26	NR	545	547	NR	675	98	NR	805	2	NR	935	0	NR
420	50	NR	550	561	NR	680	85	NR	810	2	NR	940	0	NR
425	95	NR	555	574	NR	685	73	NR	815	2	NR	945	0	NR
430	168	NR	560	586	NR	690	63	NR	820	1	NR	950	0	NR
435	284	NR	565	596	NR	695	54	NR	825	1	NR	955	0	NR
440	452	NR	570	604	NR	700	46	NR	830	1	NR	960	0	NR
445	705	NR	575	606	NR	705	40	NR	835	1	NR	965	0	NR
450	980	NR	580	603	NR	710	34	NR	840	1	NR	970	0	NR
455	869	NR	585	592	NR	715	29	NR	845	1	NR	975	0	NR
460	531	NR	590	577	NR	720	25	NR	850	1	NR	980	0	NR
465	372	NR	595	554	NR	725	22	NR	855	1	NR	985	0	NR
470	268	NR	600	527	NR	730	19	NR	860	1	NR	990	0	NR
475	174	NR	605	497	NR	735	16	NR	865	0	NR	995	0	NR
480	135	NR	610	462	NR	740	14	NR	870	0	NR	1000	0	NR
485	126	NR	615	428	NR	745	12	NR	875	0	NR			

REPORT NUMBER: SP2-2501-321-5

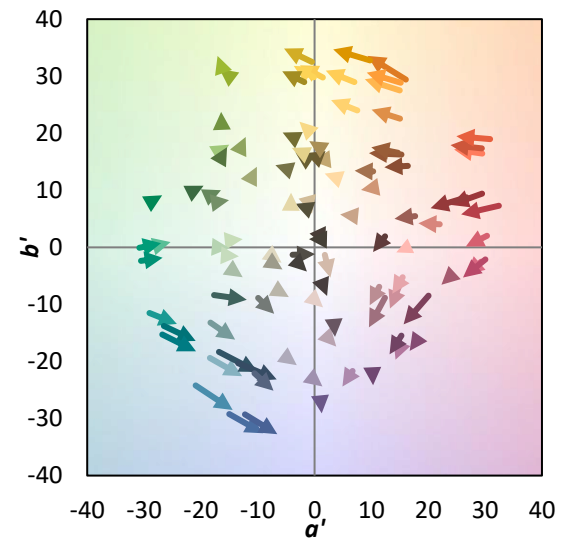
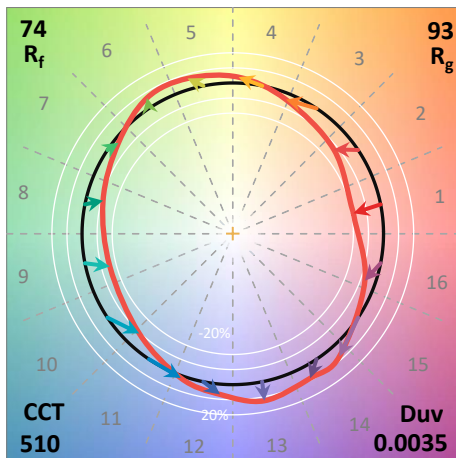
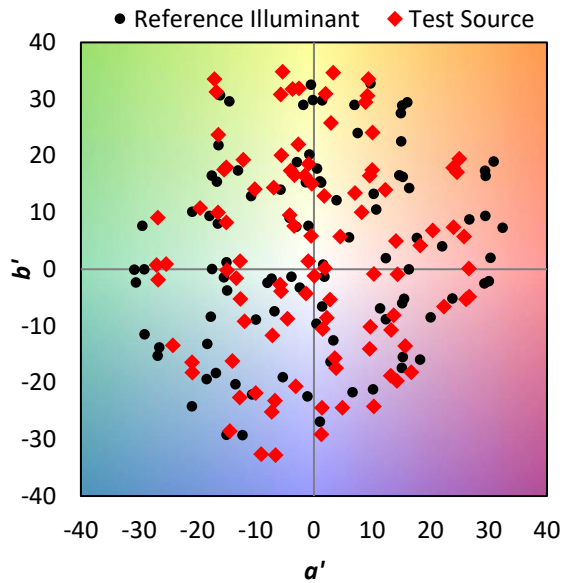
TM-30-18

Summary

$R_f = 74.2$
 $R_g = 92.7$
 $\text{CIE } R_a = 72.2$
 $R_g = -38.2$



Color Vector Graphics



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

CES01 = 85	CES26 = 63	CES51 = 89	CES76 = 51
CES02 = 59	CES27 = 89	CES52 = 89	CES77 = 68
CES03 = 30	CES28 = 81	CES53 = 79	CES78 = 54
CES04 = 69	CES29 = 69	CES54 = 84	CES79 = 80
CES05 = 46	CES30 = 88	CES55 = 83	CES80 = 77
CES06 = 50	CES31 = 72	CES56 = 74	CES81 = 79
CES07 = 38	CES32 = 63	CES57 = 73	CES82 = 91
CES08 = 38	CES33 = 82	CES58 = 74	CES83 = 90
CES09 = 29	CES34 = 70	CES59 = 86	CES84 = 85
CES10 = 72	CES35 = 83	CES60 = 88	CES85 = 78
CES11 = 56	CES36 = 88	CES61 = 82	CES86 = 75
CES12 = 61	CES37 = 78	CES62 = 81	CES87 = 77
CES13 = 41	CES38 = 98	CES63 = 73	CES88 = 81
CES14 = 74	CES39 = 97	CES64 = 64	CES89 = 73
CES15 = 70	CES40 = 91	CES65 = 61	CES90 = 80
CES16 = 46	CES41 = 96	CES66 = 56	CES91 = 72
CES17 = 49	CES42 = 80	CES67 = 54	CES92 = 58
CES18 = 55	CES43 = 79	CES68 = 64	CES93 = 75
CES19 = 71	CES44 = 99	CES69 = 73	CES94 = 53
CES20 = 63	CES45 = 87	CES70 = 56	CES95 = 64
CES21 = 85	CES46 = 85	CES71 = 47	CES96 = 76
CES22 = 77	CES47 = 90	CES72 = 82	CES97 = 86
CES23 = 91	CES48 = 80	CES73 = 47	CES98 = 76
CES24 = 90	CES49 = 83	CES74 = 90	CES99 = 62
CES25 = 71	CES50 = 89	CES75 = 50	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)