

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: P972282

Luminaire Tested: **GKO-PB1E-750-U-T3**

Issue Date: 02/27/2025



Test Information

Test Method: LM-79-08
Report Number: P972282
Test Lab: INNOVATION CENTER(G1)
Issue Date: 02/27/2025
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: MCGRAW-EDISON
Catalog Number: GKO-PB1E-750-U-T3
Description: GEKKO WALL PACK 5000LM PACKAGE 70CRI 5000K FIXTURE w/ TYPE III
DISTRIBUTION OPTIC
Light Source: (10) 5000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5151.3 lumens
Efficiency: N/A
Efficacy: 133.1 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

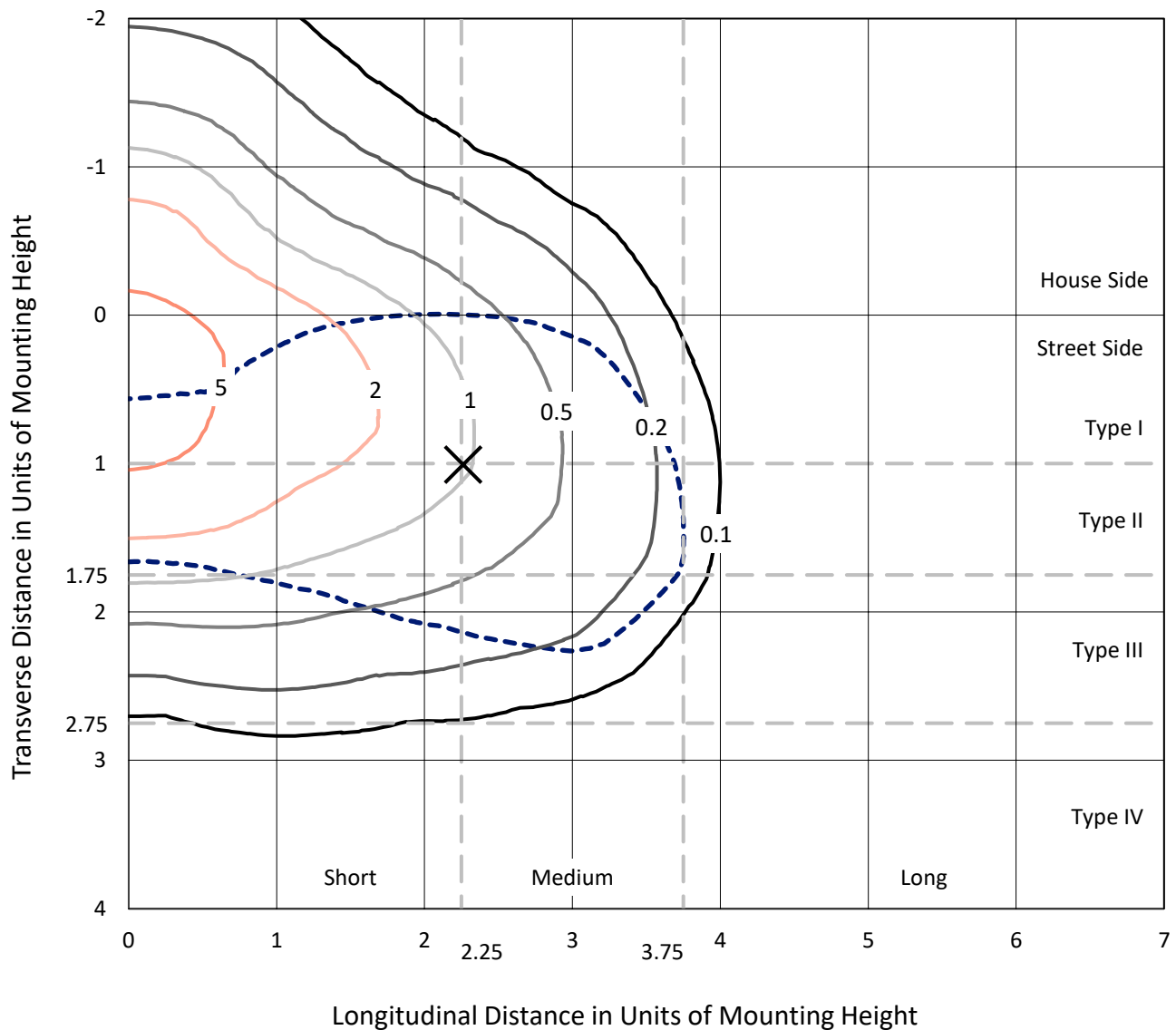
Input Watts (W): 38.7
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: 0.97
Total Harmonic Distortion (THDi): 9%
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT

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CATALOG NUMBER: GKO-PB1E-750-U-T3

Iso-Footcandle Lines of Horizontal Illumination

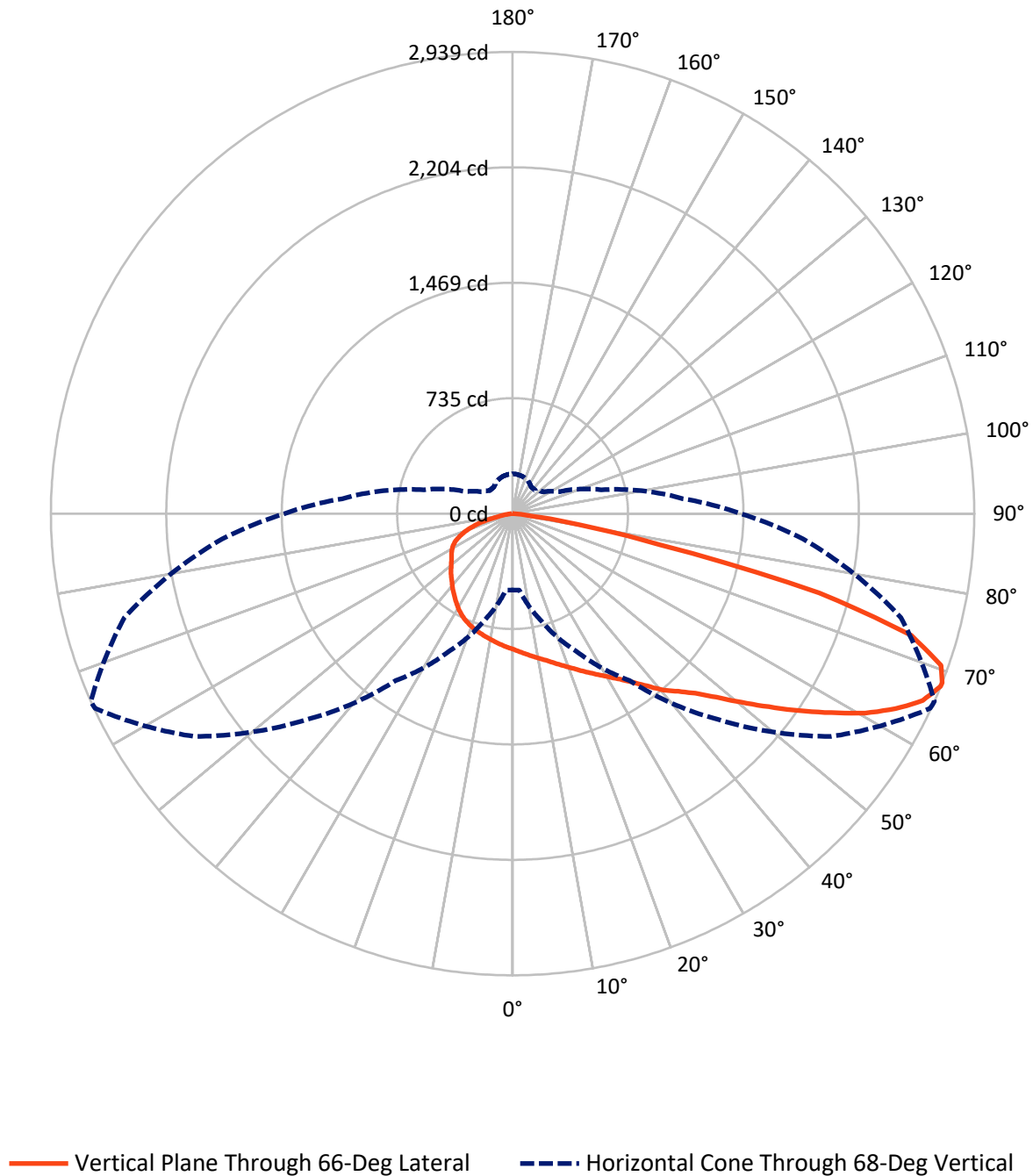
× Max cd
 - - - 1/2 Max cd



Based on 12 foot mounting height. Maximum calculated value = 6.9 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	1318.8	0.0	1318.8
	% Fixture	25.6	0.0	25.6
Street Side	Lumens	3832.5	0.0	3832.5
	% Fixture	74.4	0.0	74.4
Total	Lumens	5151.3	0.0	5151.3
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	82.9	1.6
10°-20°	249.1	4.8
20°-30°	429.3	8.3
30°-40°	666.0	12.9
40°-50°	912.3	17.7
50°-60°	1088.3	21.1
60°-70°	1090.5	21.2
70°-80°	577.1	11.2
80°-90°	55.7	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°	5151.3	100.0
0°-180°	5151.3	100.0



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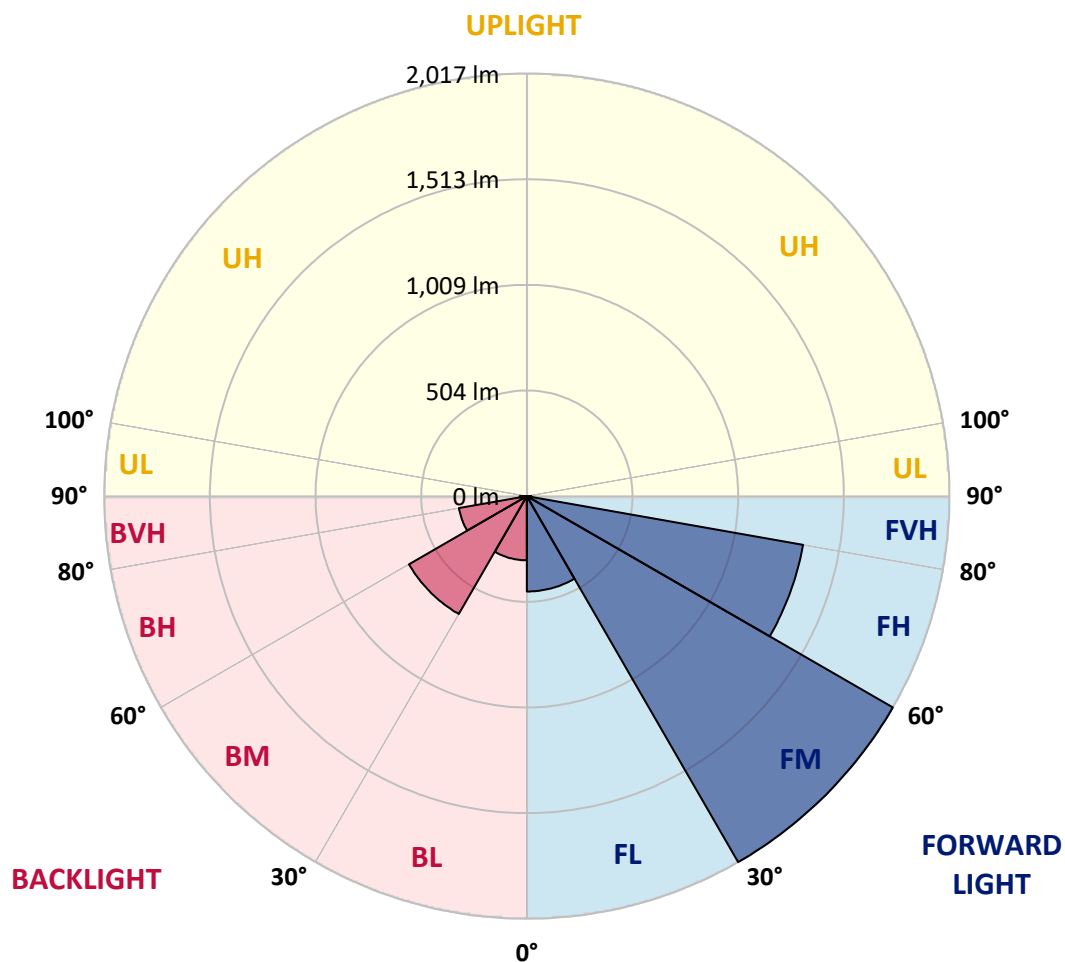
CATALOG NUMBER: GKO-PB1E-750-U-T3

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	455.0	8.8			
FM	(30°-60°)	2017.0	39.2			
FH	(60°-80°)	1338.6	26.0			G1/1800
FVH	(80°-90°)	21.9	0.4			G1/100
BL	(0°-30°)	306.3	5.9	B1/500		
BM	(30°-60°)	649.7	12.6	B1/1000		
BH	(60°-80°)	329.0	6.4	B1/500		G1/500
BVH	(80°-90°)	33.8	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°	864.0	864.0	864.0	864.0	864.0	864.0	864.0	864.0	864.0	864.0	864.0
2.5°	900.0	900.0	898.0	897.0	896.0	890.0	886.0	881.0	881.0	873.0	866.0
5°	931.0	932.0	928.0	928.0	924.0	916.0	908.0	898.0	898.0	886.0	872.0
7.5°	958.0	961.0	957.0	957.0	953.0	944.0	931.0	917.0	917.0	900.0	880.0
10°	984.0	986.0	984.0	986.0	980.0	972.0	957.0	938.0	937.0	916.0	888.0
12.5°	1005.0	1007.0	1008.0	1011.0	1006.0	1000.0	986.0	962.0	959.0	934.0	898.0
15°	1025.0	1027.0	1030.0	1034.0	1033.0	1028.0	1015.0	988.0	986.0	954.0	911.0
17.5°	1041.0	1042.0	1048.0	1056.0	1058.0	1059.0	1045.0	1017.0	1015.0	977.0	925.0
20°	1064.0	1066.0	1072.0	1080.0	1086.0	1090.0	1079.0	1048.0	1046.0	1004.0	943.0
22.5°	1116.0	1113.0	1116.0	1116.0	1119.0	1125.0	1117.0	1086.0	1082.0	1036.0	965.0
25°	1214.0	1211.0	1203.0	1185.0	1165.0	1164.0	1155.0	1125.0	1120.0	1069.0	986.0
27.5°	1351.0	1344.0	1329.0	1291.0	1243.0	1212.0	1198.0	1167.0	1161.0	1102.0	1006.0
30°	1496.0	1504.0	1479.0	1427.0	1339.0	1273.0	1246.0	1211.0	1206.0	1139.0	1030.0
32.5°	1665.0	1666.0	1641.0	1569.0	1455.0	1350.0	1304.0	1261.0	1257.0	1182.0	1062.0
35°	1763.0	1767.0	1756.0	1689.0	1559.0	1435.0	1374.0	1322.0	1319.0	1236.0	1102.0
37.5°	1865.0	1874.0	1857.0	1783.0	1638.0	1514.0	1452.0	1395.0	1392.0	1298.0	1152.0
40°	2016.0	2012.0	1994.0	1885.0	1712.0	1580.0	1529.0	1484.0	1477.0	1374.0	1203.0
42.5°	2124.9	2134.9	2095.9	1973.0	1793.0	1646.0	1606.0	1555.0	1546.0	1420.0	1233.0
45°	2161.9	2152.9	2109.9	2020.0	1899.0	1706.0	1679.0	1640.0	1631.0	1501.0	1292.0
47.5°	2169.9	2153.9	2115.9	2048.0	1989.0	1784.0	1768.0	1759.0	1746.0	1603.0	1363.0
50°	2120.9	2109.9	2091.9	2058.0	2047.0	1857.0	1865.0	1898.0	1887.0	1713.0	1442.0
52.5°	2010.0	2005.0	2021.0	2043.0	2014.0	1920.0	1980.0	2047.0	2043.0	1834.0	1527.0
55°	1801.0	1801.0	1891.0	1968.0	1985.0	1961.0	2103.9	2218.9	2213.9	1970.0	1608.0
57.5°	1610.0	1613.0	1688.0	1861.0	1933.0	2005.0	2241.9	2398.9	2390.9	2122.9	1693.0
60°	1369.0	1369.0	1483.0	1700.0	1858.0	2039.0	2363.9	2572.9	2577.9	2270.9	1777.0
62.5°	1084.0	1087.0	1245.0	1500.0	1750.0	2045.0	2460.9	2736.9	2735.9	2404.9	1842.0
65°	799.0	800.0	1015.0	1278.0	1588.0	2003.0	2513.9	2862.9	2868.9	2510.9	1880.0
67.5°	519.0	529.0	747.0	1037.0	1359.0	1884.0	2485.9	2929.9	2936.9	2559.9	1868.0
68°	486.0	488.0	707.0	971.0	1297.0	1854.0	2472.9	2932.9	2938.9	2558.9	1856.0
70°	315.0	315.0	506.0	758.0	1035.0	1667.0	2359.9	2885.9	2892.9	2514.9	1769.0
72.5°	170.0	173.0	289.0	459.0	707.0	1290.0	2129.9	2640.9	2652.9	2273.9	1547.0
75°	119.0	121.0	168.0	257.0	385.0	840.0	1665.0	2018.0	2016.0	1571.0	969.0
77.5°	86.0	86.0	96.0	160.0	202.0	384.0	824.0	972.0	961.0	767.0	489.0
80°	56.0	56.0	60.0	84.0	97.0	117.0	252.0	421.0	429.0	374.0	244.0
82.5°	23.0	24.0	26.0	34.0	35.0	49.0	72.0	121.0	117.0	95.0	69.0
85°	3.0	3.0	4.0	5.0	6.0	11.0	10.0	10.0	10.0	12.0	11.0
87.5°	0.0	0.0	0.0	0.0	0.0	1.0	2.0	3.0	3.0	4.0	3.0
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-PB1E-750-U-T3

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	864.0	864.0	864.0	864.0	864.0	864.0	864.0	864.0	864.0	864.0	864.0
2.5°	864.0	864.0	858.0	852.0	846.0	841.0	834.0	829.0	830.0	833.0	832.0
5°	869.0	864.0	852.0	839.0	829.0	820.0	807.0	800.0	799.0	801.0	800.0
7.5°	872.0	864.0	846.0	826.0	810.0	798.0	780.0	773.0	770.0	771.0	771.0
10°	878.0	865.0	840.0	812.0	792.0	775.0	756.0	746.0	743.0	743.0	742.0
12.5°	885.0	867.0	834.0	800.0	774.0	754.0	732.0	721.0	718.0	718.0	717.0
15°	892.0	870.0	828.0	787.0	757.0	733.0	712.0	699.0	695.0	695.0	697.0
17.5°	901.0	873.0	822.0	775.0	739.0	712.0	690.0	677.0	672.0	675.0	677.0
20°	910.0	879.0	816.0	762.0	721.0	693.0	671.0	658.0	653.0	658.0	659.0
22.5°	923.0	884.0	809.0	747.0	703.0	672.0	652.0	640.0	637.0	642.0	646.0
25°	936.0	890.0	800.0	731.0	680.0	650.0	634.0	625.0	626.0	633.0	637.0
27.5°	950.0	895.0	791.0	711.0	655.0	627.0	615.0	613.0	617.0	625.0	630.0
30°	967.0	902.0	779.0	688.0	627.0	602.0	597.0	603.0	610.0	618.0	623.0
32.5°	989.0	911.0	767.0	662.0	598.0	575.0	583.0	596.0	604.0	612.0	617.0
35°	1020.0	929.0	760.0	636.0	567.0	552.0	570.0	591.0	597.0	602.0	608.0
37.5°	1056.0	953.0	757.0	612.0	539.0	532.0	557.0	582.0	584.0	586.0	592.0
40°	1091.0	971.0	749.0	586.0	510.0	510.0	541.0	565.0	564.0	561.0	565.0
42.5°	1105.0	969.0	726.0	561.0	487.0	488.0	516.0	539.0	533.0	533.0	539.0
45°	1145.0	985.0	709.0	541.0	466.0	462.0	484.0	502.0	512.0	525.0	531.0
47.5°	1196.0	1007.0	696.0	518.0	446.0	433.0	445.0	475.0	492.0	506.0	511.0
50°	1249.0	1032.0	684.0	494.0	426.0	400.0	406.0	439.0	454.0	461.0	464.0
52.5°	1303.0	1055.0	675.0	474.0	403.0	361.0	374.0	405.0	416.0	420.0	422.0
55°	1351.0	1074.0	667.0	457.0	377.0	330.0	340.0	372.0	380.0	384.0	387.0
57.5°	1402.0	1095.0	662.0	441.0	348.0	303.0	310.0	339.0	350.0	354.0	357.0
60°	1447.0	1115.0	658.0	424.0	321.0	279.0	283.0	311.0	323.0	325.0	328.0
62.5°	1477.0	1128.0	652.0	403.0	296.0	256.0	257.0	284.0	297.0	299.0	301.0
65°	1485.0	1125.0	634.0	375.0	271.0	233.0	233.0	259.0	273.0	280.0	283.0
67.5°	1461.0	1100.0	596.0	339.0	247.0	212.0	212.0	235.0	250.0	258.0	261.0
68°	1453.0	1089.0	584.0	330.0	241.0	207.0	207.0	231.0	245.0	252.0	254.0
70°	1385.0	1035.0	529.0	296.0	222.0	192.0	192.0	213.0	228.0	228.0	227.0
72.5°	1203.0	897.0	435.0	248.0	194.0	170.0	173.0	193.0	198.0	203.0	202.0
75°	745.0	537.0	292.0	196.0	163.0	149.0	155.0	173.0	176.0	187.0	184.0
77.5°	373.0	263.0	155.0	114.0	126.0	128.0	139.0	152.0	161.0	173.0	165.0
80°	184.0	128.0	91.0	71.0	74.0	94.0	121.0	131.0	147.0	155.0	148.0
82.5°	51.0	39.0	37.0	39.0	55.0	73.0	95.0	116.0	137.0	144.0	134.0
85°	9.0	7.0	6.0	19.0	38.0	54.0	77.0	103.0	123.0	118.0	111.0
87.5°	3.0	2.0	2.0	12.0	28.0	44.0	66.0	92.0	105.0	95.0	85.0
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: SP2-2501-321-5

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

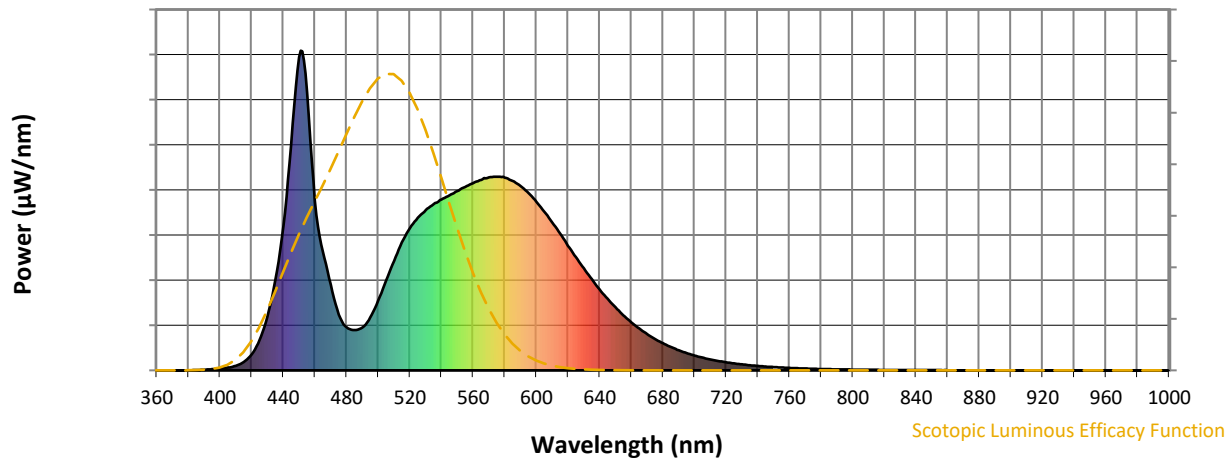


Photopic Lumens: NR

λ (nm)	Power $\text{W}^\wedge/\text{nm}$	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	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

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

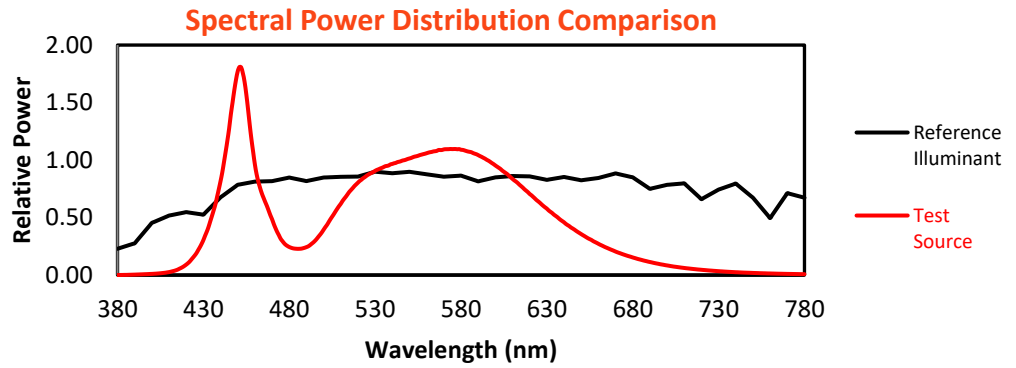
λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)	λ (nm)	Power $\text{W}^{\wedge}/\text{nm}$	Lumens (ϕ/nm)
360	0	NR	490	134	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

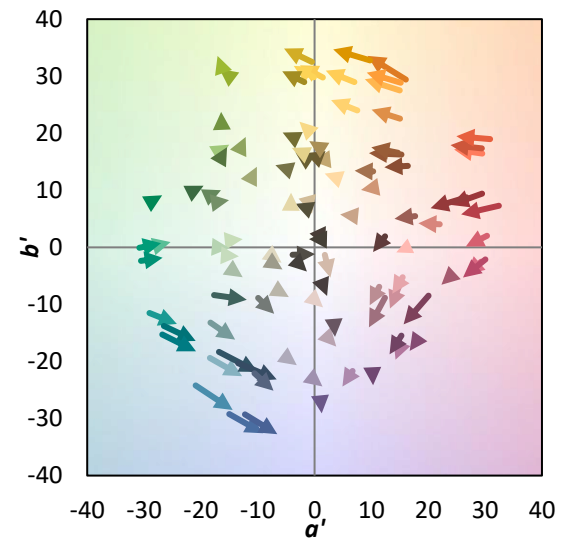
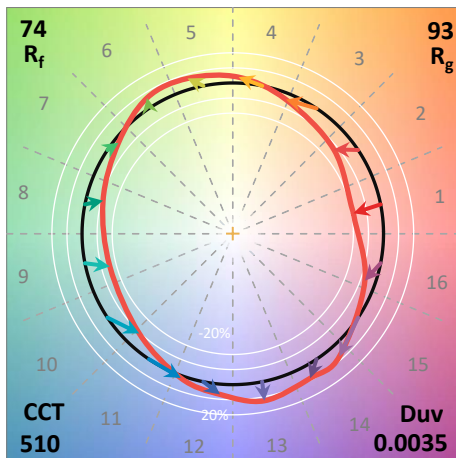
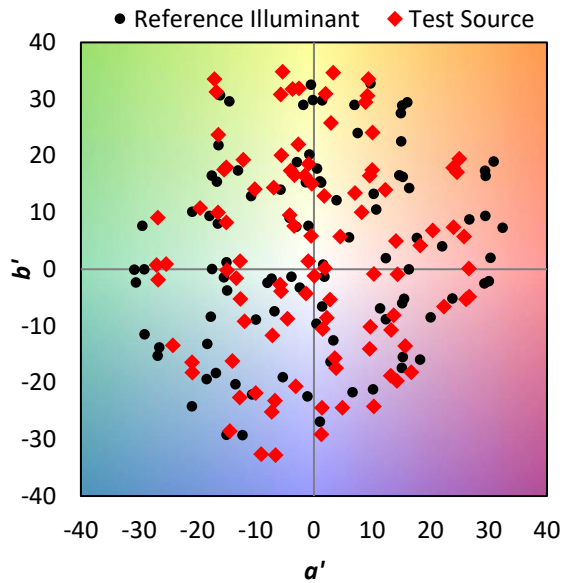
TM-30-18

Summary

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

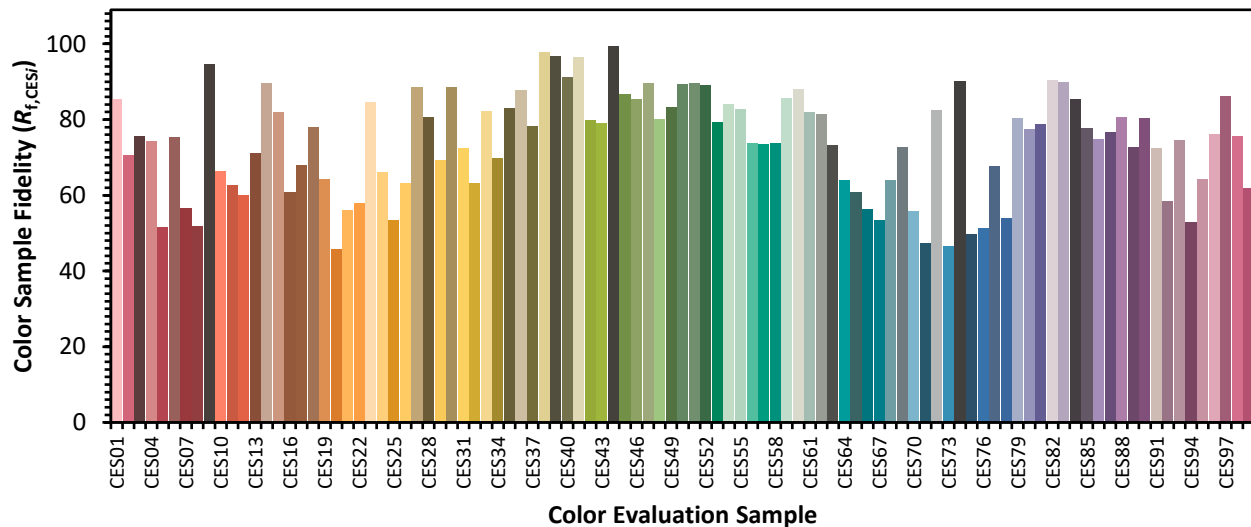


Color Vector Graphics



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)