Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

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Scaled data based on original data using

LM-79-2024 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: LUMARK

Report Number: P1461184

Luminaire Tested: PRV-PC1D-730-U-T2RE

Issue Date: 06/10/2026

Test Information

Test Method:	LM-79-2024
Report Number:	P1461184
Test Lab:	INNOVATION CENTER(G3)
Issue Date:	6/10/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	LUMARK
Catalog Number:	PRV-PC1D-730-U-T2RE
Description:	PREVAIL DISCRETE LED 1 SQUARE AT 1170MA 70CRI 3000K FIXTURE w/ TYPE II ROADWAY ILLUMINANCE DISTRIBUTION OPTIC
Light Source:	(40) 3000K CCT, 70 CRI LEDS
Ballast/Driver:	ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	20525.9 lumens
Efficiency:	N/A
Efficacy:	135.0 lumens/watt
Luminous Opening:	Rectangular (W 0.67' x L: 0.67' x H: 0')
IES Classification:	Type II - Short
BUG Rating:	B3 - U0 - G3
Input Watts (W):	152
Input Voltage (V):	120
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	0.98
Total Harmonic Distortion (THDi):	2.75%
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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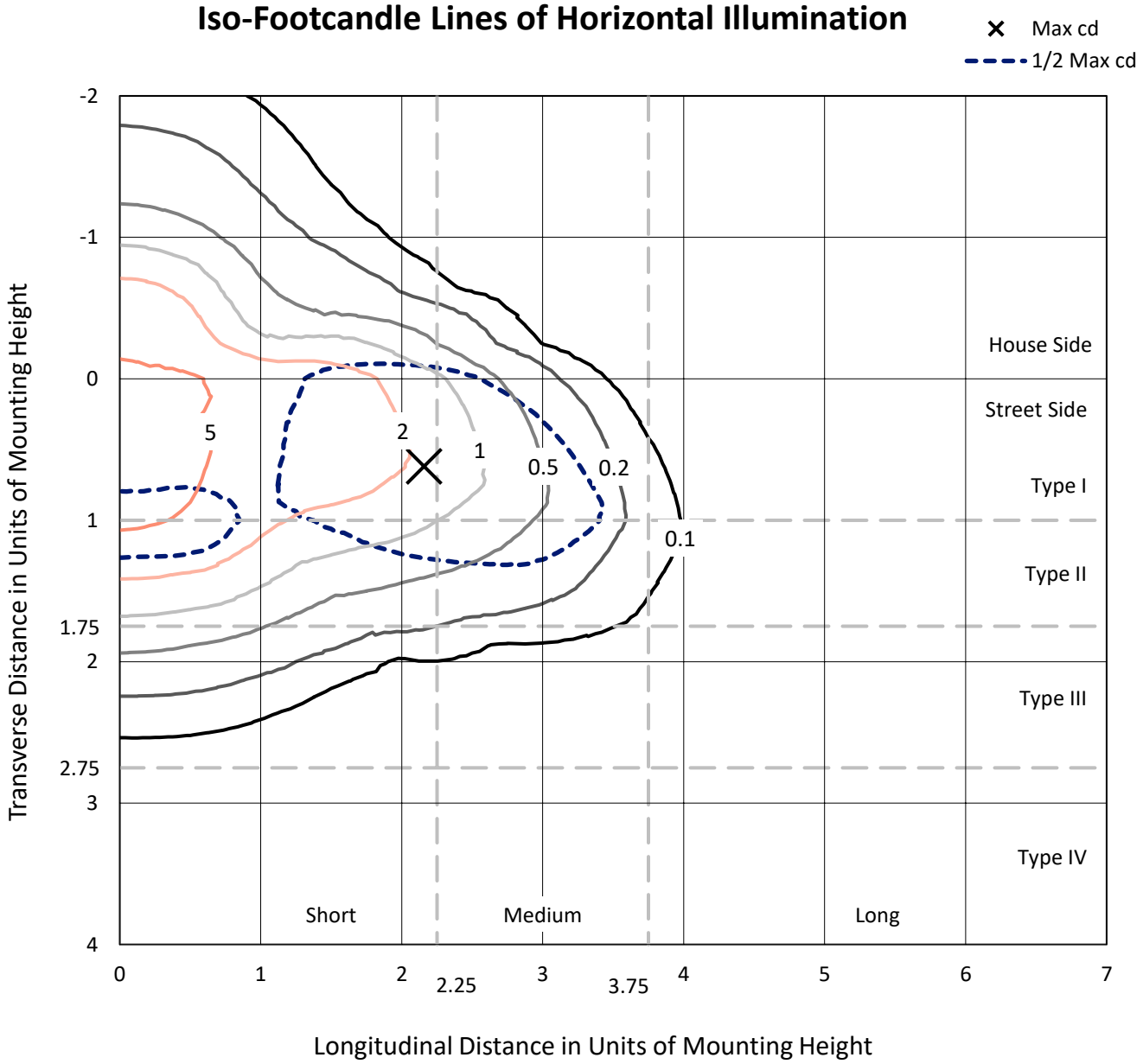
Scaled Data Report

REPORT NUMBER: P1461184
CATALOG NUMBER: PRV-PC1D-730-U-T2RE

Iso-Footcandle Lines of Horizontal Illumination



Based on 25 foot mounting height. Maximum calculated value = 6.6 fc
Type II - Short - N/A

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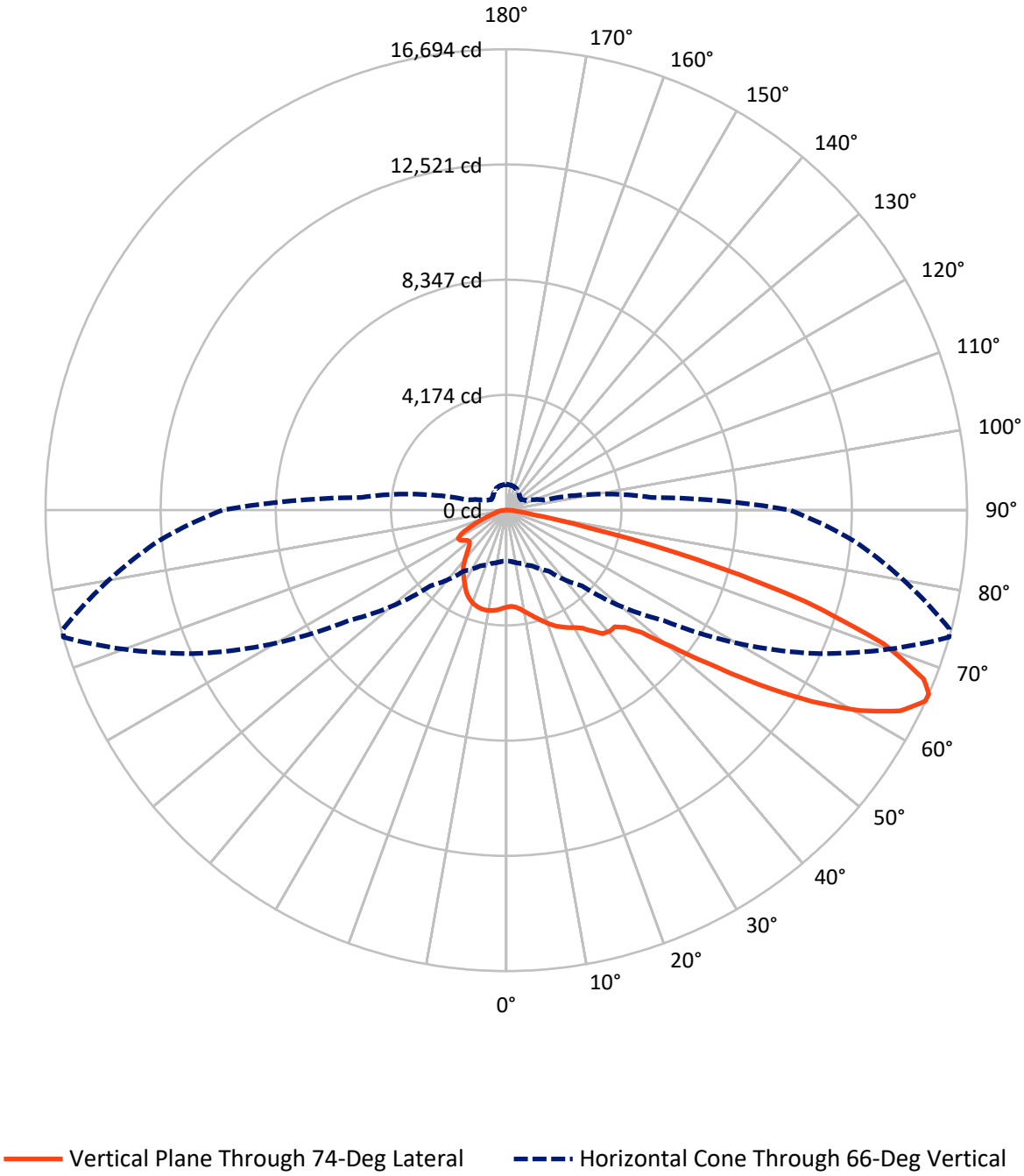
CATALOG NUMBER: PRV-PC1D-730-U-T2RE

Luminous Intensity Polar Plot



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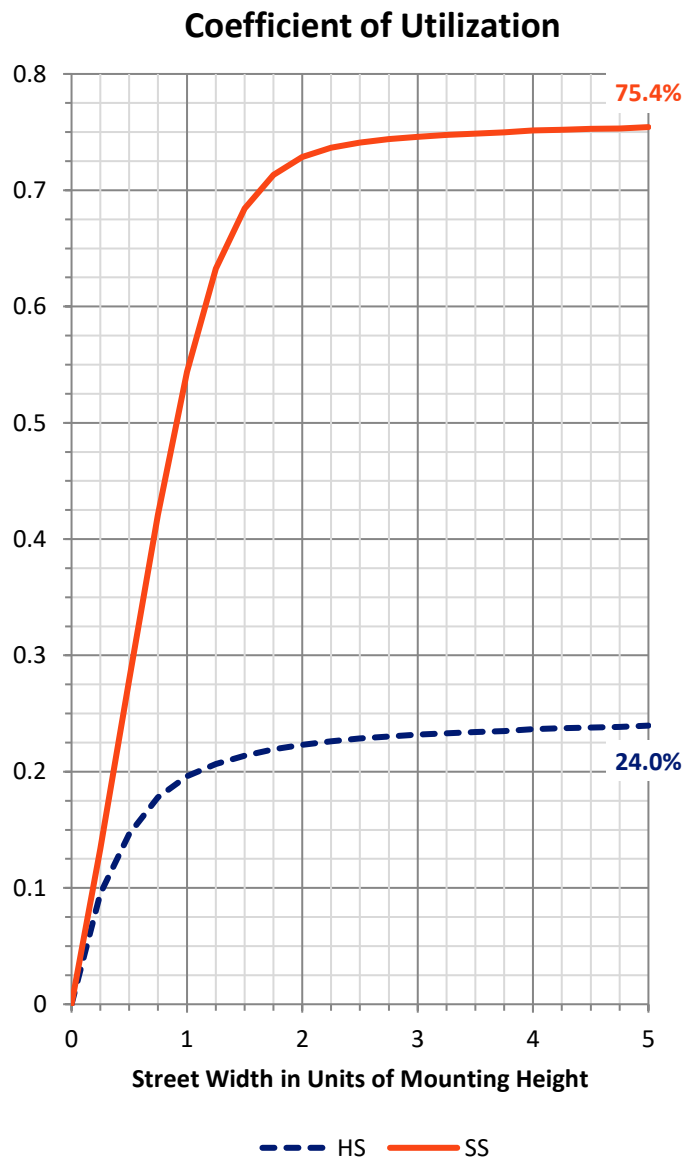
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	4996.1	0.0	4996.1
	% Fixture	24.3	0.0	24.3
Street Side	Lumens	15529.8	0.0	15529.8
	% Fixture	75.7	0.0	75.7
Total	Lumens	20525.9	0.0	20525.9
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	330.4	1.6
10°-20°	1020.5	5.0
20°-30°	1901.4	9.3
30°-40°	2852.5	13.9
40°-50°	3759.2	18.3
50°-60°	4582.1	22.3
60°-70°	4188.0	20.4
70°-80°	1637.0	8.0
80°-90°	254.8	1.2
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°	20525.9	100.0
0°-180°	20525.9	100.0



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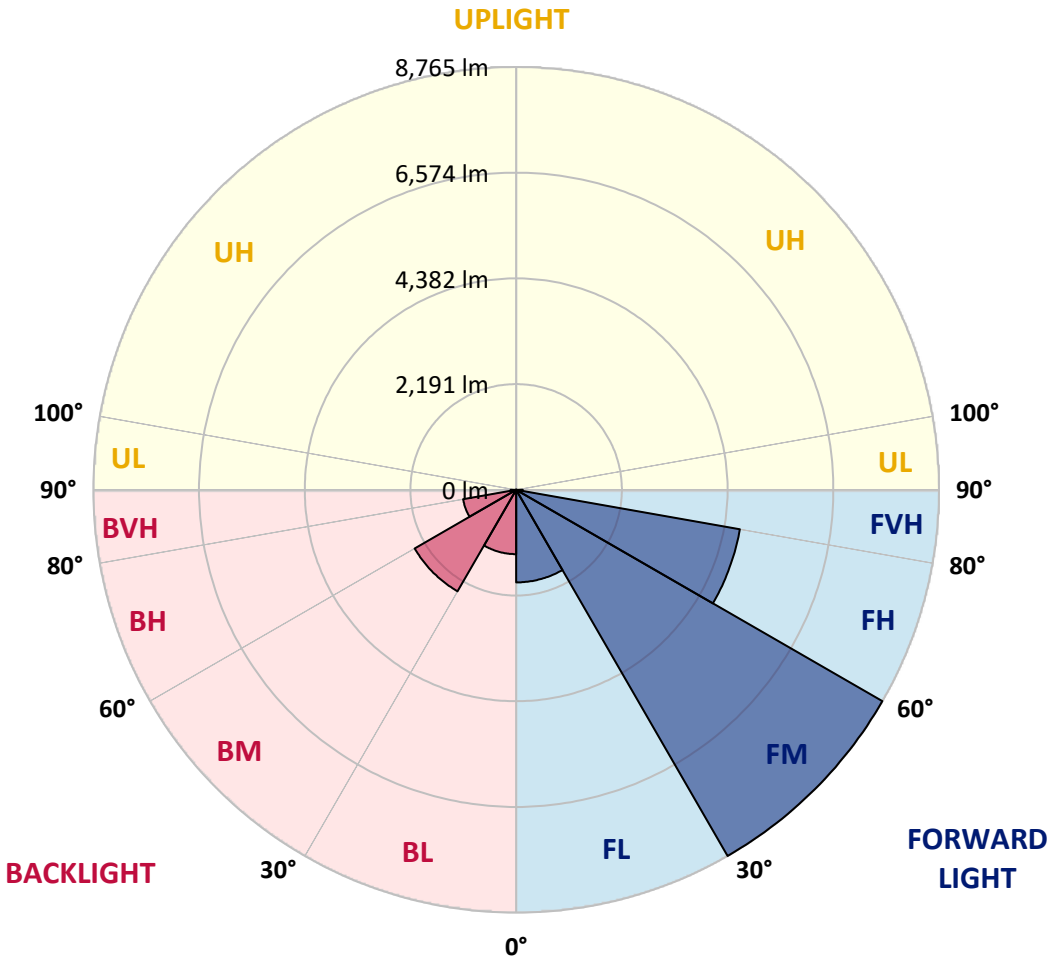
LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit B	U	G
FL	(0°-30°)	1918.8	9.3			
FM	(30°-60°)	8764.9	42.7			
FH	(60°-80°)	4708.3	22.9			G2/5000
FVH	(80°-90°)	137.9	0.7			G2/225
BL	(0°-30°)	1333.5	6.5	B3/2500		
BM	(30°-60°)	2428.9	11.8	B2/2500		
BH	(60°-80°)	1116.7	5.4	B3/2500		G3/2500
BVH	(80°-90°)	117.0	0.6			G2/225
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B3-U0-G3
Type II Short



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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	74°	75°	85°
0°	3511.0	3511.0	3511.0	3511.0	3511.0	3511.0	3511.0	3511.0	*3511.0*	3511.0	3511.0
2.5°	3477.7	3475.8	3468.1	3471.0	3474.8	3476.7	3484.3	3479.6	*3487.2*	3497.7	3505.3
5°	3376.7	3378.7	3390.1	3414.8	3460.5	3500.5	3530.0	3532.9	*3526.2*	3538.6	3544.3
7.5°	3223.5	3215.9	3240.6	3284.4	3343.4	3432.9	3543.3	3608.1	*3612.8*	3624.3	3629.0
10°	3279.6	3281.5	3276.8	3264.4	3294.9	3376.7	3520.5	3668.1	*3741.4*	3753.7	3756.6
12.5°	3606.2	3600.5	3565.2	3514.8	3471.0	3442.4	3540.5	3726.1	*3885.1*	3894.6	3924.2
15°	4018.4	3979.4	3957.5	3890.8	3791.8	3682.3	3650.0	3816.6	*4042.2*	4069.8	4125.0
17.5°	4401.1	4378.3	4355.4	4278.3	4145.0	4007.0	3868.0	3937.5	*4217.4*	4255.4	4336.4
20°	4799.0	4793.3	4762.9	4693.4	4554.4	4364.0	4145.0	4104.1	*4386.8*	4433.5	4567.7
22.5°	5206.5	5209.4	5178.9	5089.4	4976.1	4741.9	4455.4	4279.2	*4551.5*	4612.4	4782.9
25°	5582.5	5575.9	5531.1	5497.8	5394.0	5156.0	4813.3	4483.0	*4688.6*	4754.3	4980.9
27.5°	5871.0	5846.2	5893.8	5879.6	5778.6	5542.6	5151.3	4707.6	*4818.1*	4895.2	5153.2
30°	6196.6	6174.7	6226.1	6269.9	6165.2	5930.0	5480.7	4897.1	*4930.4*	5019.0	5316.0
32.5°	6652.6	6644.0	6639.3	6671.6	6593.6	6305.1	5812.9	5165.6	*5099.9*	5186.5	5480.7
35°	7291.4	7262.8	7169.5	7113.4	7030.5	6670.7	6190.9	5531.1	*5377.9*	5467.3	5668.2
37.5°	7983.5	7970.2	7798.8	7592.2	7372.3	6992.5	6543.1	5891.9	*5675.8*	5753.9	5816.7
40°	8750.8	8649.9	8506.1	8190.1	7746.4	7187.6	6598.3	5854.8	*5764.4*	5863.4	5845.3
42.5°	9393.4	9259.2	9098.3	8784.1	8127.2	7416.1	6676.4	5848.1	*5777.7*	5891.0	5800.5
45°	9893.2	9830.4	9579.0	9257.3	8517.6	7626.5	6887.7	6110.9	*6054.7*	6174.7	5894.8
47.5°	9977.0	9910.3	9825.6	9593.3	8783.2	7865.4	7180.9	6613.6	*6627.8*	6793.5	6276.5
50°	9223.0	9206.8	9346.8	9502.9	8919.3	8017.8	7536.0	7364.7	*7773.1*	7873.1	7239.0
52.5°	7767.4	7748.3	8206.3	8767.0	8585.2	8099.6	7967.3	8470.9	*9290.6*	9457.2	8494.7
55°	6161.4	6281.3	6708.8	7610.3	7685.5	7768.3	8415.7	9749.4	*11177.5*	11260.3	9857.0
57.5°	5197.0	5159.8	5477.8	6311.8	6561.2	7065.8	8600.4	11149.8	*13078.6*	13008.1	11182.2
60°	4376.4	4390.6	4560.1	5182.7	5507.3	6050.0	8473.8	12411.2	*14751.3*	14666.5	12303.7
62.5°	3313.0	3280.6	3450.1	3962.2	4628.6	5164.6	8034.9	13006.2	*16009.8*	15920.3	12850.1
65°	2166.8	2206.7	2342.9	2662.7	3285.4	4312.6	7308.5	12656.9	*16682.9*	16600.1	12814.9
66°	*1843.1*	*1859.3*	*1997.3*	*2224.8*	*2695.1*	*3874.6*	*6965.8*	*12279.9*	*16694.3*	*16624.8*	*12623.5*
67.5°	1411.8	1435.6	1551.8	1692.7	1978.3	3002.6	6357.5	11506.8	*16312.5*	16249.7	12080.9
70°	1035.8	1043.4	1135.7	1168.1	1215.7	1660.3	4769.5	9925.6	*14508.5*	14489.5	9984.6
72.5°	790.2	799.7	853.0	880.6	865.4	1002.5	2698.9	8086.3	*11328.8*	11309.8	6883.0
75°	681.6	678.8	695.0	693.1	683.5	716.9	1184.3	5450.2	*7095.3*	7132.4	3364.4
77.5°	559.8	562.6	574.1	563.6	556.0	560.7	721.6	2827.4	*2999.8*	2920.7	1017.7
80°	448.4	452.2	463.6	457.0	446.5	457.0	525.5	1023.4	*1006.3*	894.9	410.3
82.5°	353.2	342.7	352.2	357.0	348.4	361.8	394.1	467.4	*436.0*	424.6	287.5
85°	228.5	230.4	213.2	238.0	230.4	234.2	270.4	318.9	*305.6*	302.7	198.0
87.5°	76.2	82.8	90.4	92.3	95.2	99.0	116.1	140.9	*177.1*	183.7	81.9
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: P1461184
CATALOG NUMBER: PRV-PC1D-730-U-T2RE

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	3511.0	3511.0	3511.0	3511.0	3511.0	3511.0	3511.0	3511.0	3511.0	3511.0	3511.0
2.5°	3519.5	3533.8	3552.9	3575.7	3591.9	3603.3	3596.7	3597.6	3594.8	3585.2	3583.3
5°	3560.5	3582.4	3613.8	3620.5	3602.4	3566.2	3522.4	3478.6	3454.8	3429.1	3428.2
7.5°	3648.1	3658.5	3666.2	3612.8	3513.8	3422.4	3326.3	3260.6	3231.1	3213.0	3229.2
10°	3764.2	3765.2	3700.4	3544.3	3376.7	3252.0	3173.0	3122.6	3094.0	3083.5	3088.3
12.5°	3914.6	3892.7	3722.3	3461.5	3244.4	3123.5	3057.8	3026.4	3004.5	2996.9	3000.7
15°	4096.5	4025.1	3717.6	3360.6	3120.7	3025.5	2979.8	2956.0	2940.7	2935.0	2941.7
17.5°	4276.4	4138.4	3687.1	3249.2	3027.4	2960.7	2930.3	2903.6	2896.9	2893.1	2898.8
20°	4453.5	4237.4	3634.7	3129.2	2958.8	2925.5	2892.2	2876.0	2883.6	2887.4	2897.9
22.5°	4615.3	4297.3	3551.0	3005.5	2903.6	2884.6	2873.1	2869.3	2882.7	2890.3	2899.8
25°	4734.3	4314.5	3438.6	2897.9	2837.9	2845.5	2857.9	2852.2	2856.0	2857.0	2863.6
27.5°	4827.6	4308.8	3277.7	2794.1	2757.9	2792.2	2820.8	2797.0	2786.5	2777.0	2782.7
30°	4909.5	4295.4	3102.6	2671.3	2645.6	2703.7	2736.1	2691.3	2662.7	2644.7	2661.8
32.5°	4979.0	4293.5	2939.8	2512.3	2515.2	2577.1	2610.4	2559.0	2516.1	2499.0	2496.1
35°	5051.3	4299.2	2788.4	2350.5	2333.4	2416.2	2433.3	2385.7	2331.5	2312.4	2314.3
37.5°	5096.1	4304.0	2631.3	2144.9	2135.3	2214.4	2230.5	2195.3	2156.3	2134.4	2127.7
40°	5058.9	4246.9	2415.2	1935.4	1903.1	1970.6	2013.5	2006.8	1949.7	1884.0	1881.2
42.5°	5037.0	4191.7	2186.7	1732.6	1703.1	1739.3	1815.5	1775.5	1667.9	1655.5	1647.0
45°	5211.3	4225.0	1996.3	1563.2	1497.5	1555.6	1627.0	1531.8	1486.1	1469.9	1483.2
47.5°	5702.5	4413.5	1856.4	1442.3	1352.8	1407.1	1433.7	1400.4	1361.4	1355.7	1361.4
50°	6775.4	4909.5	1793.6	1375.6	1253.8	1286.2	1275.7	1291.9	1262.4	1268.1	1273.8
52.5°	8136.8	5799.6	1825.9	1367.1	1185.2	1159.5	1151.9	1187.1	1192.9	1219.5	1229.0
55°	9558.1	6584.0	1938.3	1397.5	1109.1	1018.6	1031.0	1092.9	1149.1	1185.2	1193.8
57.5°	10762.4	6965.8	2063.0	1397.5	1007.2	907.3	935.8	1026.3	1115.7	1146.2	1150.0
60°	11266.0	6905.8	2102.0	1303.3	901.5	816.8	865.4	986.3	1070.0	1087.2	1096.7
62.5°	11197.4	6557.4	1938.3	1111.9	791.1	749.2	825.4	943.4	1002.5	1022.4	1027.2
65°	10679.6	5771.0	1590.8	888.2	697.8	700.7	792.1	889.2	936.8	960.6	970.1
66°	*10279.7*	*5270.3*	*1419.4*	*821.6*	*664.5*	*685.4*	*778.7*	*861.6*	*907.3*	*925.3*	*933.9*
67.5°	9423.9	4377.3	1211.9	715.0	627.4	664.5	750.2	819.7	855.8	876.8	883.5
70°	6870.6	2668.5	871.1	571.2	573.1	623.6	678.8	727.3	795.9	825.4	834.9
72.5°	4066.0	1333.8	634.0	483.6	529.3	580.7	607.4	662.6	751.1	802.5	815.9
75°	1857.4	654.0	462.7	428.4	474.1	504.6	535.0	611.2	719.7	797.8	811.1
77.5°	630.2	421.7	376.0	384.6	396.0	417.0	462.7	559.8	684.5	771.1	793.0
80°	340.8	334.2	311.3	325.6	328.4	347.5	397.0	495.0	621.7	696.9	701.6
82.5°	273.2	258.9	247.5	253.2	258.9	283.7	318.9	409.4	527.4	430.3	435.1
85°	176.1	155.2	160.9	169.5	175.2	197.1	219.9	303.7	379.8	200.9	191.4
87.5°	52.4	47.6	57.1	63.8	62.8	63.8	84.7	159.0	223.7	94.2	64.7
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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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

Report Generated By FNC07603 / LDUCLS01DT447
Version: v7.04

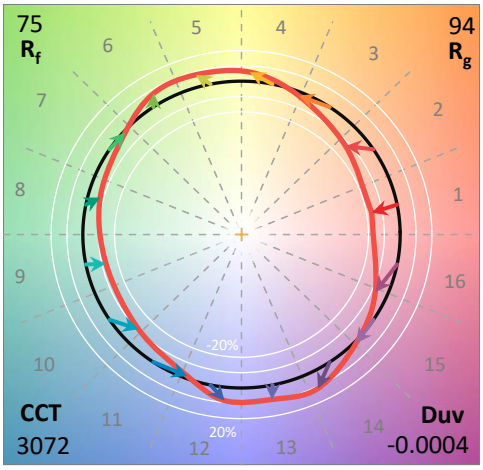
Test Information

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	CRI (Ra):	71.7			
CIE u':	0.2482	R1:	68.1	R9:	-33.9	
CIE v':	0.5193	R2:	82.1	R10:	58.6	
Duv:	-0.0004	R3:	93.4	R11:	62.0	
CIE x:	0.4313	R4:	67.3	R12:	48.5	
CIE y:	0.4010	R5:	67.2	R13:	70.7	
CIE z:	0.1677	R6:	74.9	R14:	96.4	
Peak Wavelength (nm):	593	R7:	77.5	R15:	60.2	
Dominant Wavelength (nm):	582	R8:	43.4			
Purity:	49.8225					

Rf:	74.7
Rg:	94.2



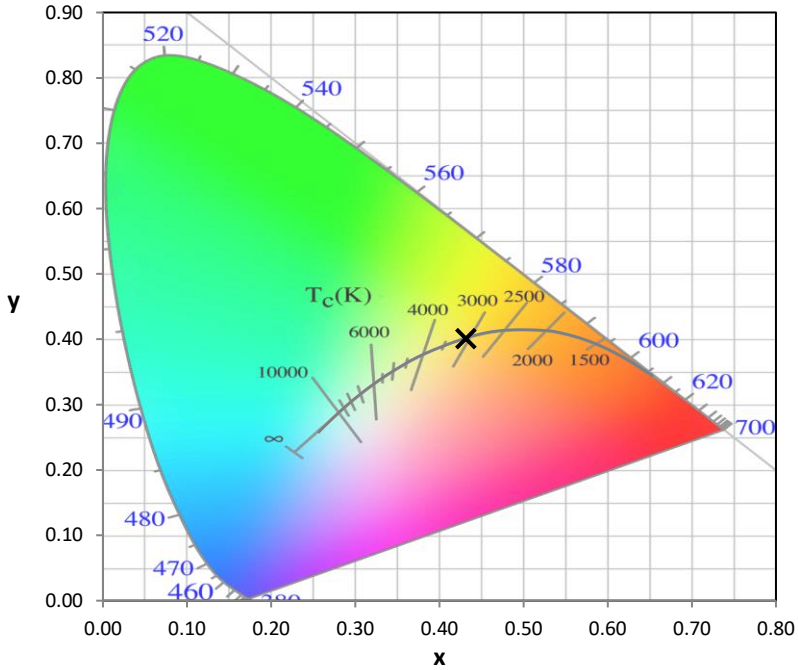
Test Conditions

Stabilization Time:	30M
Operation Time:	1H 30M
Sphere Temperature (°C):	25.7

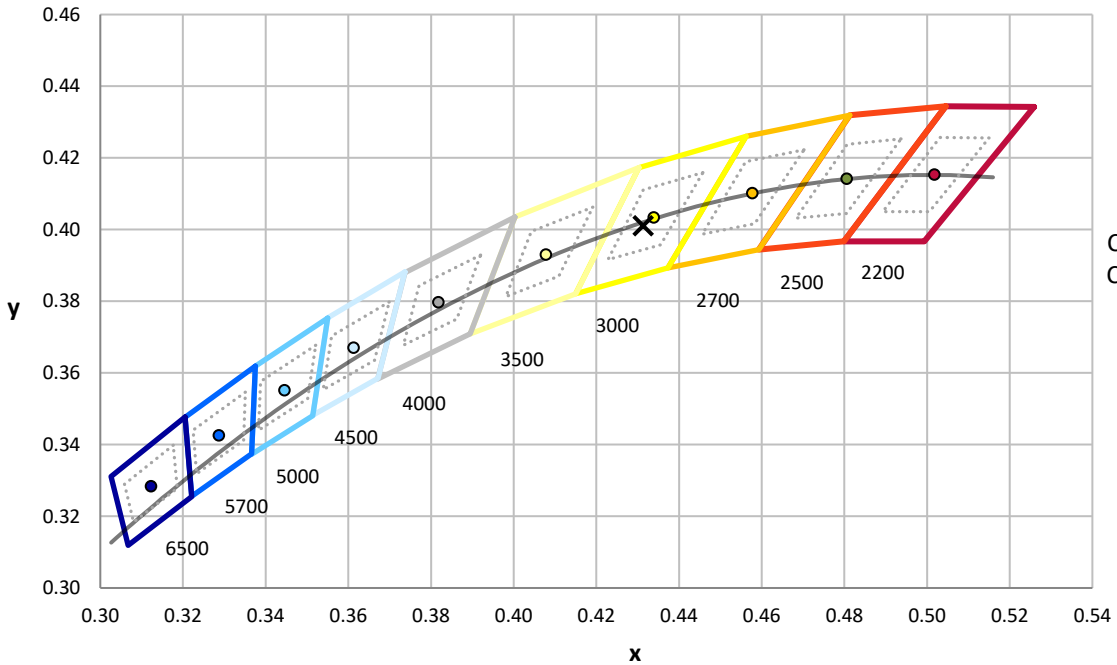
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN2187	1/6/2025	7/6/2025
Power Meter	INXT2011002	1/21/2025	1/21/2026
AC Power Source	IN0458	10/22/2024	10/22/2025
DC Power Source	IN0212	10/22/2024	10/22/2025
Sphere Thermometer	IN4036B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

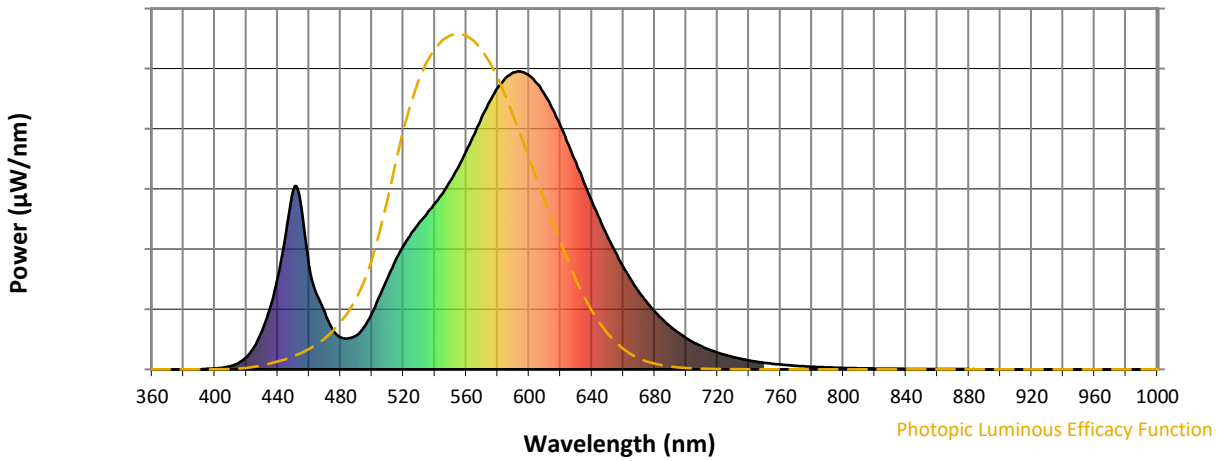


CCT = 3072K
CIE x = 0.4313
CIE y = 0.4010
Duv = -0.0004

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 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	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			

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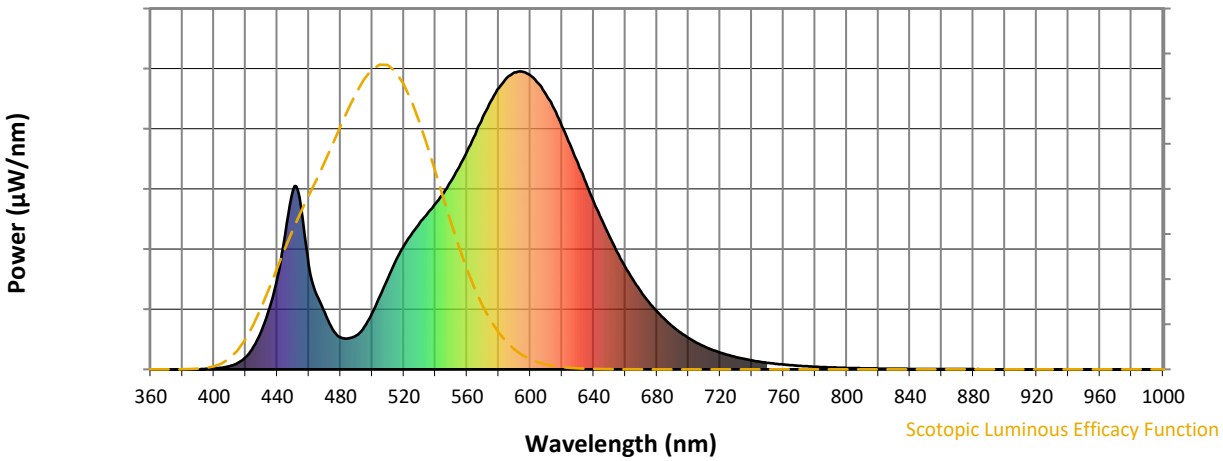
Scotopic Flux vs. Wavelength



Scotopic Lumens: NR **S/P: 1.24**

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	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			

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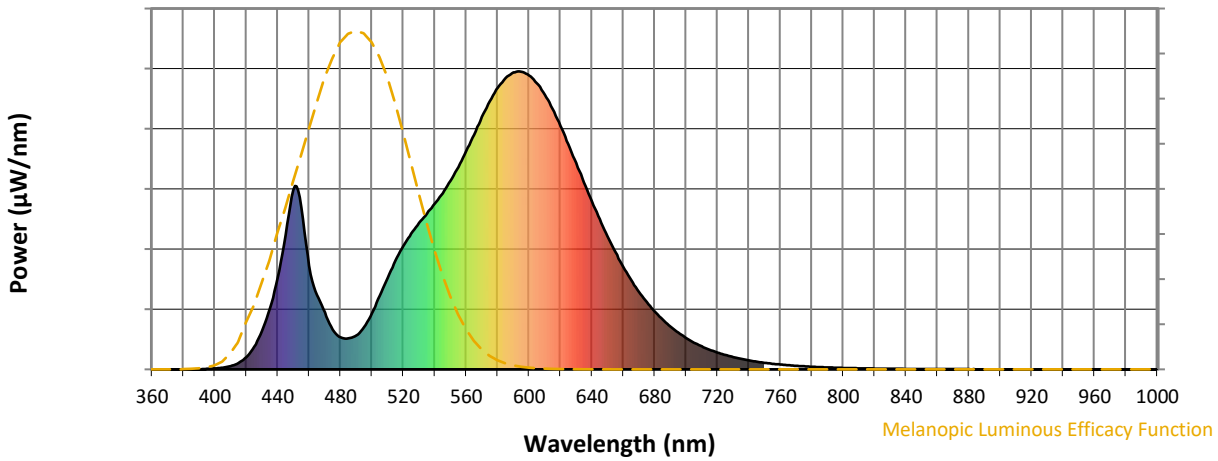
Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.3**

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	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			

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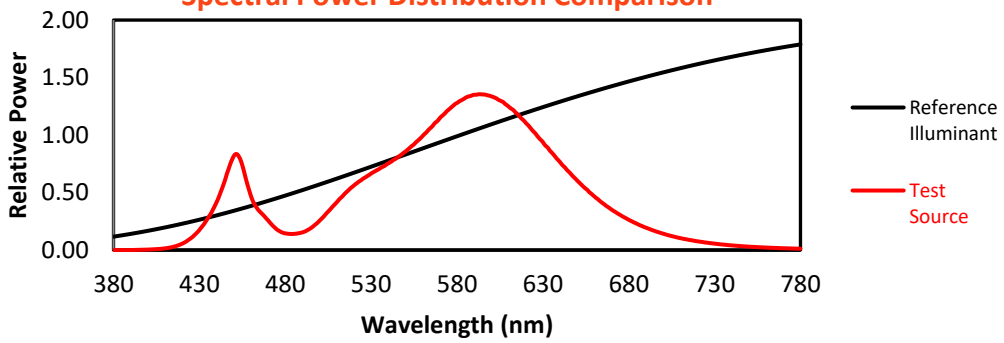
TM-30-18

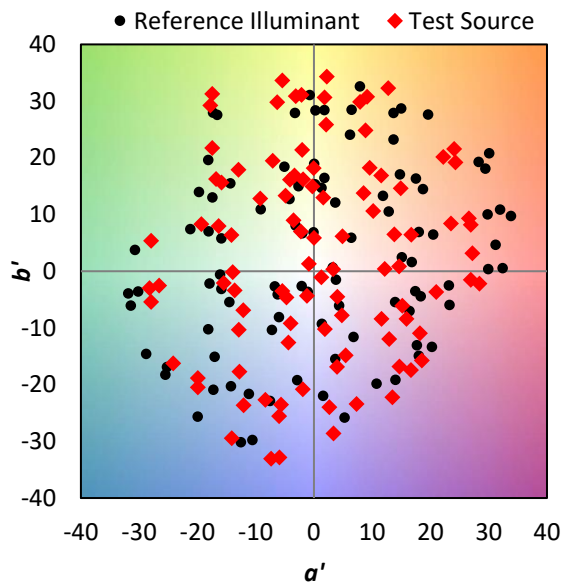
Summary

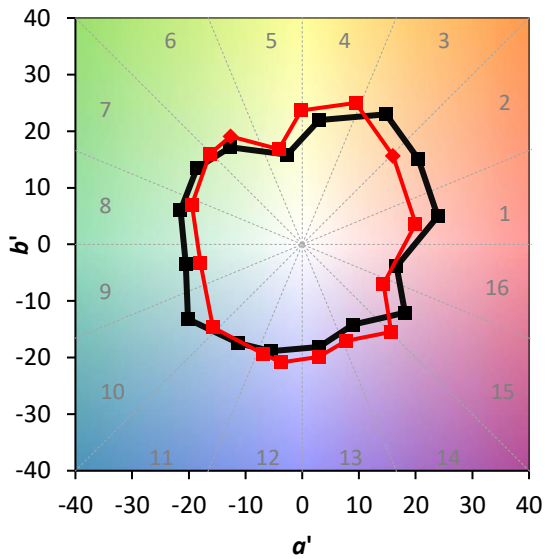
R_f = 74.7
R_g = 94.2
CIE R_a = 71.7
R_9 = -33.9

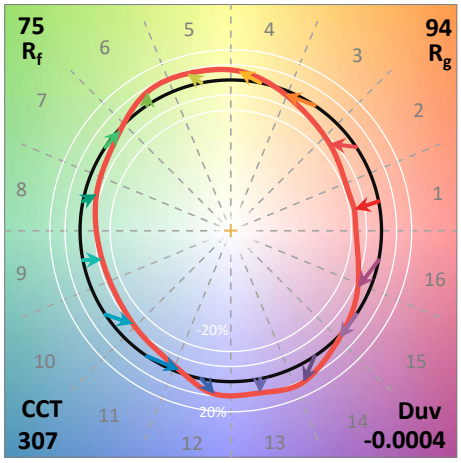
Spectral Power Distribution Comparison

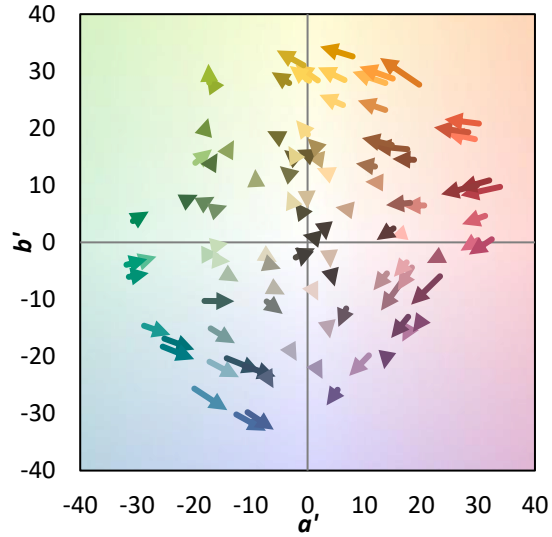


Color Vector Graphics



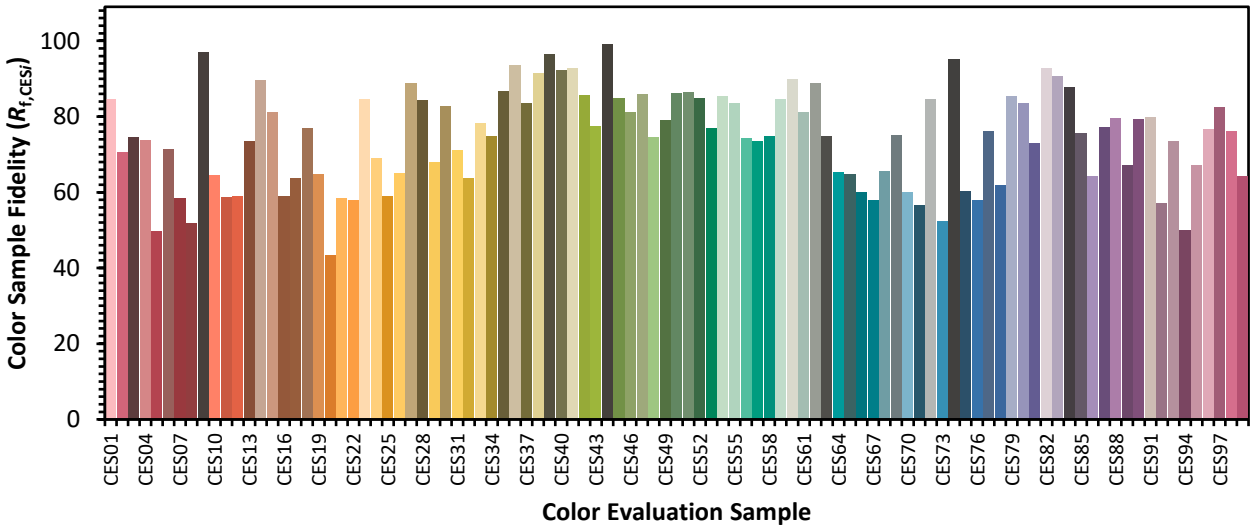




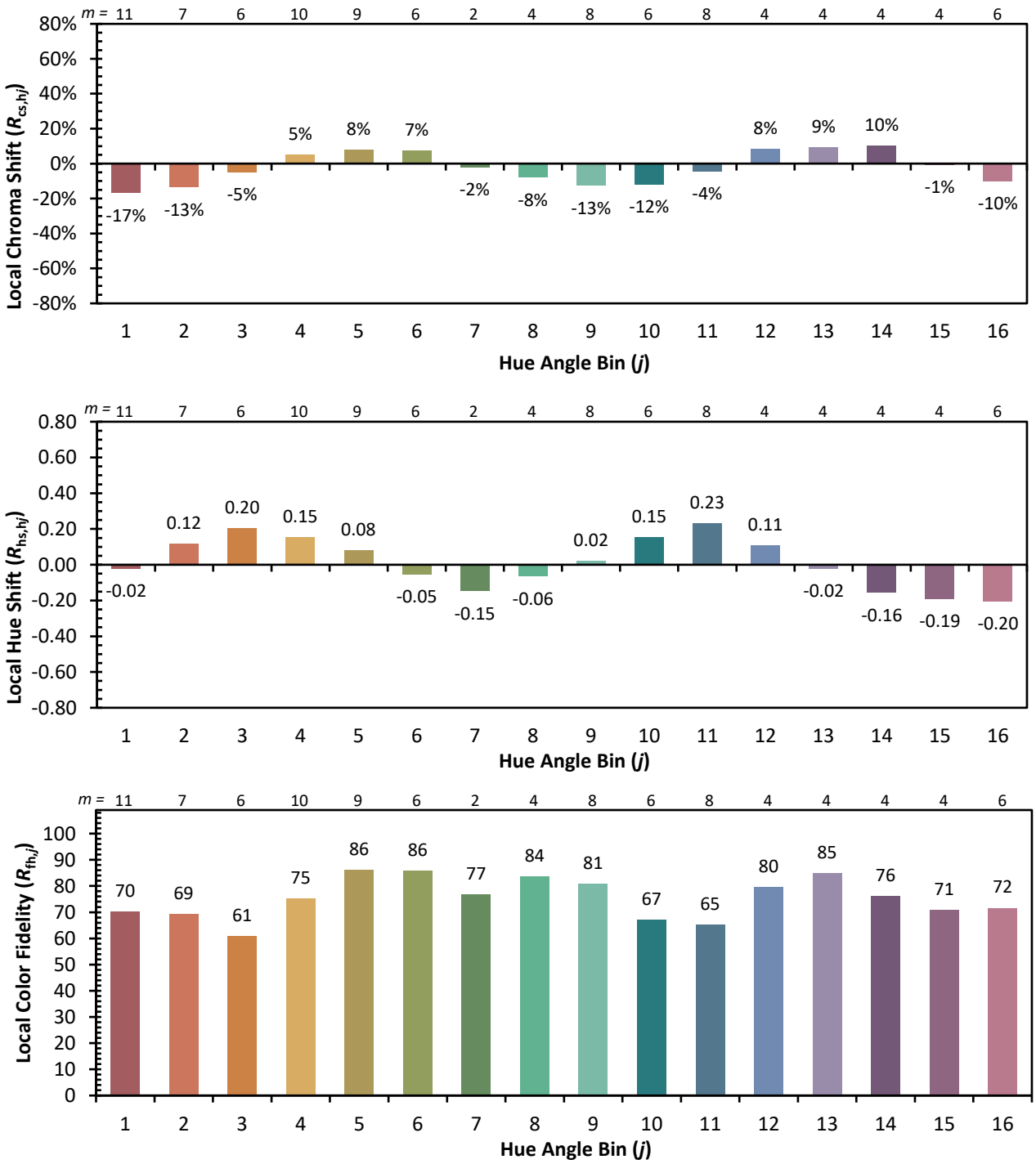


Individual Sample Fidelity Index ($R_{f,i}$)

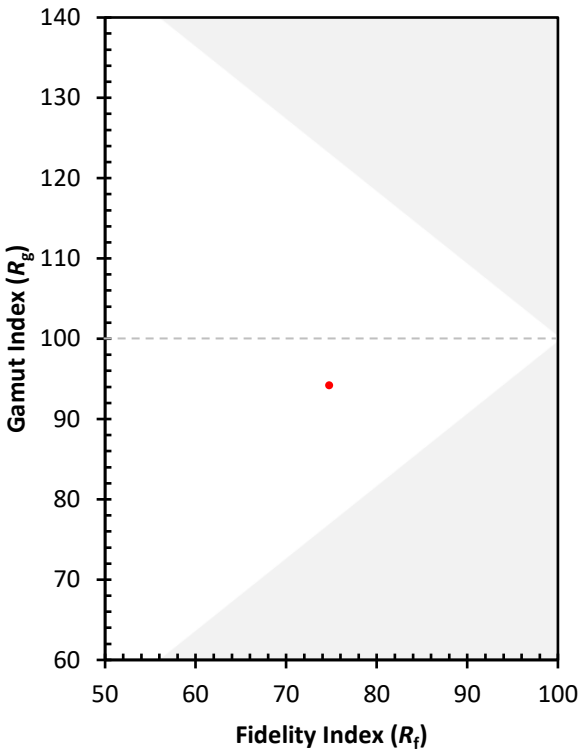
CES01 = 86	CES26 = 65	CES51 = 86	CES76 = 58
CES02 = 62	CES27 = 89	CES52 = 85	CES77 = 76
CES03 = 31	CES28 = 84	CES53 = 77	CES78 = 62
CES04 = 71	CES29 = 68	CES54 = 85	CES79 = 85
CES05 = 49	CES30 = 83	CES55 = 84	CES80 = 84
CES06 = 51	CES31 = 71	CES56 = 74	CES81 = 73
CES07 = 41	CES32 = 64	CES57 = 74	CES82 = 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	

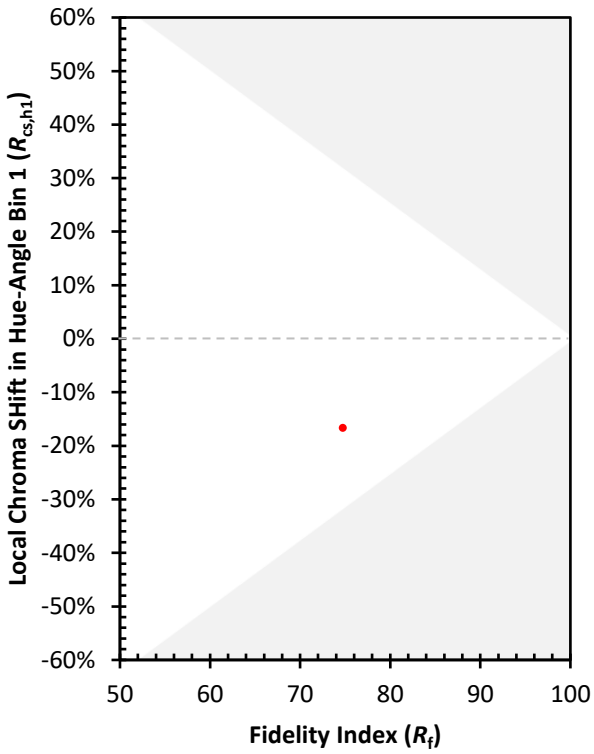


Color Rendition by Hue-Angle Bin



Measure Comparisons





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