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

Scaled data based on original data using

LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: METALUX

Report Number: P1594583

Luminaire Tested: FLXB-1224-W-LOW-3000K

Issue Date: 10/2/2026

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

Scaled Data Report

Test Information

Test Method:	LM-79-2019
Report Number:	P1594583
	TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (A2601782A001)
Test Lab:	INNOVATION CENTER
Issue Date:	10/2/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	METALUX
Catalog Number:	FLXB-1224-W-LOW-3000K
Description:	1224 FlexBay Linear High bay at W beam, LOW lumen, 3000K CCT settings
Light Source:	-
Ballast/Driver:	-

Summary

Lumens per Lamp:	N/A
Luminaire Lumens:	12221.0 lumens
Efficiency:	N/A
Efficacy:	162.5 lumens/watt
Spacing Criteria (0/90/45):	1.29 / 1.32 / 1.4
Luminous Opening:	Rectangular (W 1.04' x L: 1.19' x H: 0')
CIE Type:	Direct

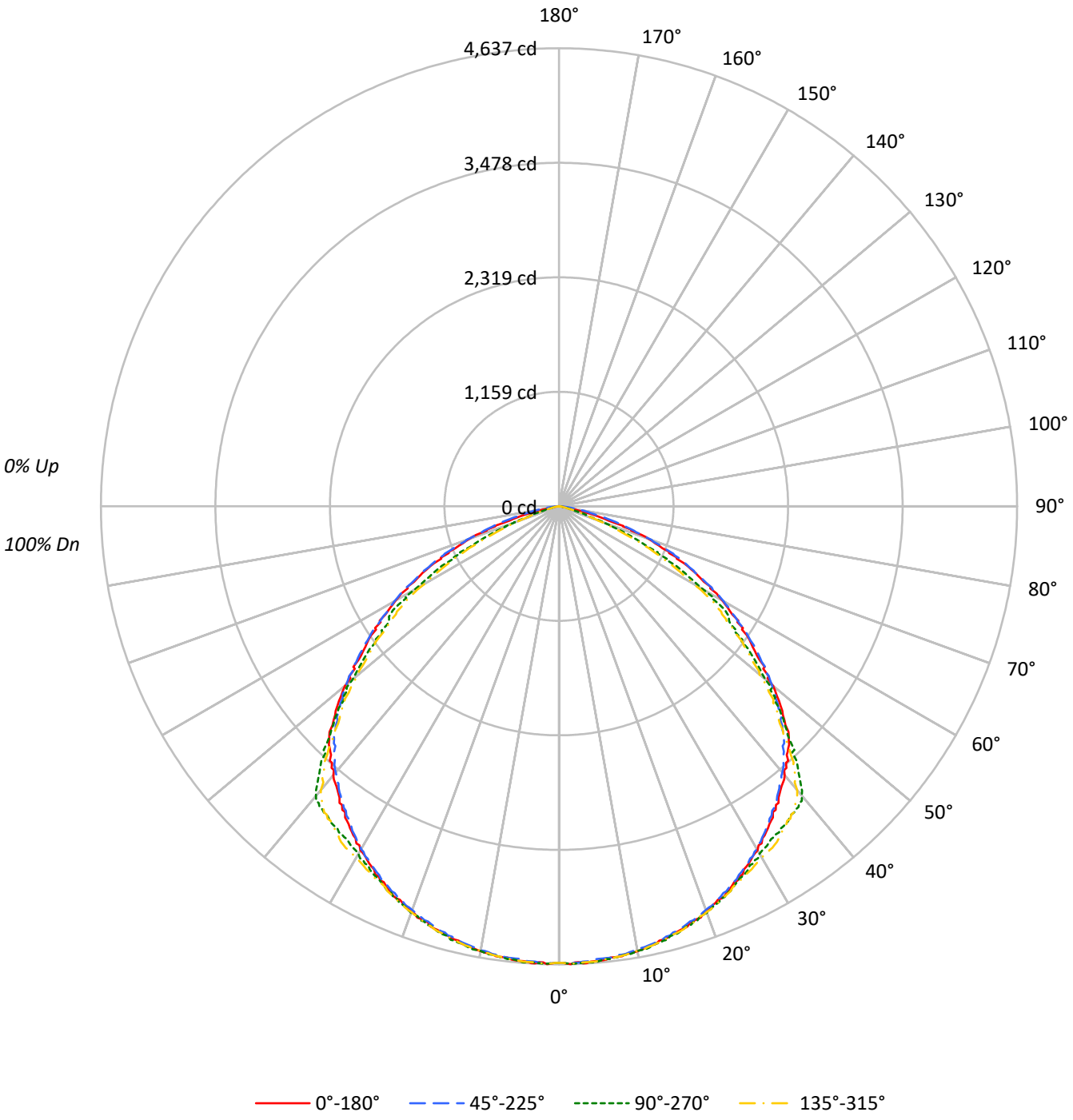
Input Watts (W):	75.2
Input Voltage (V):	NR
Input Current (Ain):	NR
Voltage Rise (V):	NR
Power Factor:	NR
Total Harmonic Distortion (THDi):	NR
Frequency (hertz):	60
Stabilization Time:	NR
Operation Time:	NR
Ambient Temperature (°C):	NR
Test Distance:	28.75 FT

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20			20			20			20
RC	80				70				50			30			10			0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	110	106	102	99	108	104	100	97	100	97	94	96	93	91	92	90	89	87
2	101	94	87	82	98	92	86	81	88	83	79	85	81	78	82	79	76	74
3	93	83	75	69	90	81	74	69	78	72	67	76	71	66	73	69	65	63
4	85	74	65	59	83	72	65	59	70	63	58	68	62	57	66	61	56	54
5	78	66	57	51	76	65	57	51	63	56	50	61	55	50	59	54	49	47
6	72	59	51	45	70	59	50	45	57	50	44	55	49	44	54	48	43	41
7	67	54	45	40	65	53	45	39	52	44	39	50	44	39	49	43	39	37
8	62	49	41	35	61	49	41	35	47	40	35	46	40	35	45	39	35	33
9	58	45	37	32	57	45	37	32	43	36	32	42	36	31	41	36	31	29
10	55	42	34	29	53	41	34	29	40	33	29	39	33	28	38	33	28	27

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	40219	40219	40219	40219
5°	40340	40380	40340	40380
10°	40400	40388	40400	40388
15°	40388	40454	40388	40454
20°	40403	40545	40403	40545
25°	40293	40555	40293	40555
30°	40397	40782	40397	40782
35°	40113	42033	40113	42033
40°	40379	43454	40379	43454
45°	40463	40315	40463	40315
50°	38322	36875	38322	36875
55°	35668	33268	35668	33268
60°	33243	29228	33243	29228
65°	29665	22741	29665	22741
70°	24592	12156	24592	12156
75°	14766	5251	14766	5251
80°	4891	2155	4891	2155
85°	2027	1428	2027	1428

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 40463 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	438.9	3.6
10°-20°	1266.1	10.4
20°-30°	1944.8	15.9
30°-40°	2425.1	19.8
40°-50°	2485.6	20.3
50°-60°	2020.8	16.5
60°-70°	1218.7	10.0
70°-80°	377.0	3.1
80°-90°	43.9	0.4
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°-30°	3649.8	29.9
0°-40°	6074.9	49.7
0°-60°	10581.3	86.6
0°-90°	12221.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	12221.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	4622	4622	4622	4622	4622	
5°	4618	4623	4618	4623	4618	439
15°	4483	4491	4483	4491	4483	1266
25°	4197	4224	4197	4224	4197	1939
35°	3776	3957	3776	3957	3776	2374
45°	3288	3276	3288	3276	3288	2502
55°	2351	2193	2351	2193	2351	2098
65°	1441	1104	1441	1104	1441	1413
75°	439	156	439	156	439	500
85°	20	14	20	14	20	31
90°	1	1	1	1	1	

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CANDELA DISTRIBUTION (FULL):

	0°	30°	60°	90°	120°	150°	180°	210°	240°	270°	300°
0°	4622.1	4622.1	4622.1	4622.1	4622.1	4622.1	4622.1	4622.1	4622.1	4622.1	4622.1
0.5°	4622.1	4622.1	4622.1	4622.1	4622.1	4622.1	4622.1	4622.1	4622.1	4622.1	4622.1
1°	4631.9	4623.6	4629.9	4626.9	4627.6	4630.6	4631.9	4623.6	4629.9	4626.9	4627.6
1.5°	4636.9	4615.6	4625.6	4631.6	4637.2	4624.9	4636.9	4615.6	4625.6	4631.6	4637.2
2°	4618.9	4621.9	4625.6	4631.6	4637.2	4624.9	4618.9	4621.9	4625.6	4631.6	4637.2
2.5°	4618.9	4621.9	4626.6	4629.3	4633.2	4618.6	4618.9	4621.9	4626.6	4629.3	4633.2
3°	4632.9	4602.3	4626.6	4629.3	4629.3	4618.6	4632.9	4602.3	4626.6	4629.3	4629.3
3.5°	4632.9	4610.6	4622.3	4623.3	4620.3	4627.9	4632.9	4610.6	4622.3	4623.3	4620.3
4°	4619.6	4606.6	4622.3	4627.3	4619.6	4627.9	4619.6	4606.6	4622.3	4627.3	4619.6
4.5°	4619.6	4604.0	4595.6	4630.3	4628.6	4616.9	4619.6	4604.0	4595.6	4630.3	4628.6
5°	4618.3	4602.0	4595.3	4622.9	4616.6	4619.6	4618.3	4602.0	4595.3	4622.9	4616.6
5.5°	4616.9	4604.6	4595.3	4611.6	4608.6	4618.3	4616.9	4604.6	4595.3	4611.6	4608.6
6°	4613.6	4600.0	4598.6	4609.6	4610.9	4608.0	4613.6	4600.0	4598.6	4609.6	4610.9
6.5°	4598.6	4600.0	4598.6	4614.3	4614.6	4608.0	4598.6	4600.0	4598.6	4614.3	4614.6
7°	4598.6	4597.6	4589.3	4603.0	4604.6	4601.6	4598.6	4597.6	4589.3	4603.0	4604.6
7.5°	4599.6	4573.6	4589.3	4603.0	4595.0	4601.6	4599.6	4573.6	4589.3	4603.0	4595.0
8°	4599.6	4573.6	4592.0	4591.0	4595.0	4595.0	4599.6	4573.6	4592.0	4591.0	4595.0
8.5°	4582.3	4571.0	4592.0	4591.0	4584.3	4595.0	4582.3	4571.0	4592.0	4591.0	4584.3
9°	4582.3	4561.0	4576.0	4591.6	4585.0	4574.3	4582.3	4561.0	4576.0	4591.6	4585.0
9.5°	4579.6	4554.0	4573.6	4582.0	4571.0	4574.3	4579.6	4554.0	4573.6	4582.0	4571.0
10°	4572.3	4557.0	4570.7	4571.0	4562.3	4575.7	4572.3	4557.0	4570.7	4571.0	4562.3
10.5°	4566.3	4542.7	4555.7	4569.0	4564.0	4565.0	4566.3	4542.7	4555.7	4569.0	4564.0
11°	4557.0	4536.0	4553.7	4568.7	4565.7	4556.7	4557.0	4536.0	4553.7	4568.7	4565.7
11.5°	4546.3	4533.0	4542.0	4562.0	4554.3	4546.7	4546.3	4533.0	4542.0	4562.0	4554.3
12°	4539.0	4530.0	4528.7	4548.7	4545.0	4546.7	4539.0	4530.0	4528.7	4548.7	4545.0
12.5°	4539.0	4513.7	4530.0	4534.7	4538.7	4533.4	4539.0	4513.7	4530.0	4534.7	4538.7
13°	4511.7	4507.4	4517.1	4534.7	4523.4	4533.4	4511.7	4507.4	4517.1	4534.7	4523.4
13.5°	4511.7	4507.4	4506.1	4522.7	4523.7	4505.4	4511.7	4507.4	4506.1	4522.7	4523.7
14°	4505.1	4481.4	4498.1	4522.7	4511.1	4505.4	4505.1	4481.4	4498.1	4522.7	4511.1
14.5°	4491.1	4479.1	4494.7	4494.7	4494.7	4501.1	4491.1	4479.1	4494.7	4494.7	4494.7
15°	4483.4	4461.8	4472.1	4490.7	4491.4	4481.1	4483.4	4461.8	4472.1	4490.7	4491.4
15.5°	4472.4	4457.1	4472.1	4486.4	4489.1	4470.4	4472.4	4457.1	4472.1	4486.4	4489.1
16°	4461.1	4451.5	4453.8	4474.1	4475.1	4470.8	4461.1	4451.5	4453.8	4474.1	4475.1
16.5°	4455.4	4440.5	4435.8	4456.4	4461.4	4462.4	4455.4	4440.5	4435.8	4456.4	4461.4
17°	4449.5	4415.5	4432.5	4440.8	4451.8	4437.1	4449.5	4415.5	4432.5	4440.8	4451.8
17.5°	4414.5	4407.2	4405.8	4440.8	4443.5	4437.1	4414.5	4407.2	4405.8	4440.8	4443.5
18°	4414.5	4407.2	4405.8	4419.8	4433.1	4414.8	4414.5	4407.2	4405.8	4419.8	4433.1
18.5°	4403.8	4379.2	4395.8	4419.8	4405.5	4414.8	4403.8	4379.2	4395.8	4419.8	4405.5
19°	4403.8	4374.9	4389.2	4389.2	4387.2	4393.2	4403.8	4374.9	4389.2	4389.2	4387.2
19.5°	4375.2	4353.9	4367.9	4385.5	4379.2	4393.2	4375.2	4353.9	4367.9	4385.5	4379.2
20°	4363.2	4339.9	4358.2	4378.5	4375.9	4365.9	4363.2	4339.9	4358.2	4378.5	4375.9
20.5°	4345.9	4330.6	4336.2	4363.2	4362.2	4363.2	4345.9	4330.6	4336.2	4363.2	4362.2
21°	4325.6	4321.3	4336.2	4344.6	4348.6	4348.9	4325.6	4321.3	4336.2	4344.6	4348.6
21.5°	4316.3	4298.3	4310.6	4329.6	4336.2	4319.6	4316.3	4298.3	4310.6	4329.6	4336.2
22°	4296.6	4288.6	4296.0	4323.3	4327.2	4319.6	4296.6	4288.6	4296.0	4323.3	4327.2

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CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°	210°	240°	270°	300°
22.5°	4296.6	4276.6	4279.3	4295.6	4318.3	4290.0	4296.6	4276.6	4279.3	4295.6	4318.3
23°	4287.3	4242.3	4263.7	4295.6	4293.0	4290.0	4287.3	4242.3	4263.7	4295.6	4293.0
23.5°	4260.7	4242.3	4256.7	4264.7	4293.0	4263.3	4260.7	4242.3	4256.7	4264.7	4293.0
24°	4244.3	4218.4	4233.7	4264.7	4268.6	4263.3	4244.3	4218.4	4233.7	4264.7	4268.6
24.5°	4224.0	4197.4	4219.0	4242.7	4262.0	4213.4	4224.0	4197.4	4219.0	4242.7	4262.0
25°	4196.7	4179.4	4207.7	4224.0	4248.7	4200.4	4196.7	4179.4	4207.7	4224.0	4248.7
25.5°	4196.7	4168.4	4192.1	4202.1	4230.0	4200.4	4196.7	4168.4	4192.1	4202.1	4230.0
26°	4165.1	4144.5	4157.8	4186.7	4235.0	4174.4	4165.1	4144.5	4157.8	4186.7	4235.0
26.5°	4165.1	4135.1	4141.1	4177.7	4223.0	4174.4	4165.1	4135.1	4141.1	4177.7	4223.0
27°	4123.5	4120.5	4118.1	4165.8	4212.4	4143.1	4123.5	4120.5	4118.1	4165.8	4212.4
27.5°	4111.2	4102.8	4102.2	4146.8	4200.7	4135.5	4111.2	4102.8	4102.2	4146.8	4200.7
28°	4094.5	4075.5	4092.2	4114.8	4195.7	4121.5	4094.5	4075.5	4092.2	4114.8	4195.7
28.5°	4071.5	4047.6	4066.9	4114.8	4179.1	4105.8	4071.5	4047.6	4066.9	4114.8	4179.1
29°	4047.6	4047.6	4049.9	4093.8	4171.1	4091.5	4047.6	4047.6	4049.9	4093.8	4171.1
29.5°	4032.2	4000.6	4038.2	4093.8	4161.4	4074.5	4032.2	4000.6	4038.2	4093.8	4161.4
30°	4020.6	3991.0	4022.6	4058.9	4146.5	4064.5	4020.6	3991.0	4022.6	4058.9	4146.5
30.5°	3982.3	3964.3	3980.0	4046.9	4157.4	4032.6	3982.3	3964.3	3980.0	4046.9	4157.4
31°	3982.3	3943.7	3980.0	4039.9	4157.4	4032.6	3982.3	3943.7	3980.0	4039.9	4157.4
31.5°	3941.3	3927.0	3940.0	4028.6	4147.1	4013.3	3941.3	3927.0	3940.0	4028.6	4147.1
32°	3927.4	3906.4	3918.4	4013.3	4140.5	4008.9	3927.4	3906.4	3918.4	4013.3	4140.5
32.5°	3906.1	3878.1	3906.1	3993.6	4129.1	3994.3	3906.1	3878.1	3906.1	3993.6	4129.1
33°	3884.4	3843.8	3878.7	3993.6	4121.5	3981.0	3884.4	3843.8	3878.7	3993.6	4121.5
33.5°	3859.1	3843.8	3852.1	3981.3	4085.5	3978.0	3859.1	3843.8	3852.1	3981.3	4085.5
34°	3837.5	3790.8	3834.8	3981.3	4027.9	3971.6	3837.5	3790.8	3834.8	3981.3	4027.9
34.5°	3824.5	3778.2	3819.5	3958.7	4013.9	3969.6	3824.5	3778.2	3819.5	3958.7	4013.9
35°	3776.2	3749.5	3774.5	3957.0	3978.3	3960.7	3776.2	3749.5	3774.5	3957.0	3978.3
35.5°	3776.2	3728.2	3774.5	3951.7	3977.6	3942.3	3776.2	3728.2	3774.5	3951.7	3977.6
36°	3736.2	3706.6	3730.2	3943.0	3945.0	3920.0	3736.2	3706.6	3730.2	3943.0	3945.0
36.5°	3736.2	3683.3	3730.2	3923.4	3951.7	3920.0	3736.2	3683.3	3730.2	3923.4	3951.7
37°	3693.9	3650.0	3690.3	3908.0	3913.7	3897.4	3693.9	3650.0	3690.3	3908.0	3913.7
37.5°	3668.3	3631.3	3664.6	3907.7	3913.7	3898.1	3668.3	3631.3	3664.6	3907.7	3913.7
38°	3642.0	3606.1	3640.7	3892.4	3854.4	3895.1	3642.0	3606.1	3640.7	3892.4	3854.4
38.5°	3619.7	3552.4	3620.4	3892.4	3793.2	3892.7	3619.7	3552.4	3620.4	3892.4	3793.2
39°	3602.4	3552.4	3603.0	3864.1	3752.6	3887.4	3602.4	3552.4	3603.0	3864.1	3752.6
39.5°	3582.7	3501.8	3574.4	3864.1	3709.6	3868.1	3582.7	3501.8	3574.4	3864.1	3709.6
40°	3554.8	3477.2	3555.8	3825.5	3660.0	3840.8	3554.8	3477.2	3555.8	3825.5	3660.0
40.5°	3510.2	3454.5	3532.5	3788.2	3594.4	3753.2	3510.2	3454.5	3532.5	3788.2	3594.4
41°	3510.2	3429.2	3503.5	3730.2	3552.1	3753.2	3510.2	3429.2	3503.5	3730.2	3552.1
41.5°	3466.2	3393.6	3452.5	3677.6	3552.1	3657.3	3466.2	3393.6	3452.5	3677.6	3552.1
42°	3466.2	3374.0	3416.3	3622.0	3469.2	3610.7	3466.2	3374.0	3416.3	3622.0	3469.2
42.5°	3413.6	3347.3	3389.3	3577.7	3469.2	3563.4	3413.6	3347.3	3389.3	3577.7	3469.2
43°	3394.9	3280.1	3357.6	3527.8	3366.3	3513.8	3394.9	3280.1	3357.6	3527.8	3366.3
43.5°	3371.6	3280.1	3339.3	3428.6	3317.0	3453.9	3371.6	3280.1	3339.3	3428.6	3317.0
44°	3353.3	3260.8	3293.1	3428.6	3242.8	3389.9	3353.3	3260.8	3293.1	3428.6	3242.8
44.5°	3319.0	3230.1	3271.7	3343.7	3133.2	3344.3	3319.0	3230.1	3271.7	3343.7	3133.2

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CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°	210°	240°	270°	300°
45°	3288.1	3166.9	3229.5	3276.1	3133.2	3276.4	3288.1	3166.9	3229.5	3276.1	3133.2
45.5°	3257.1	3138.9	3202.2	3232.1	3028.0	3242.4	3257.1	3138.9	3202.2	3232.1	3028.0
46°	3187.2	3099.3	3131.9	3170.5	3028.0	3140.2	3187.2	3099.3	3131.9	3170.5	3028.0
46.5°	3145.6	3072.0	3131.9	3130.6	2971.7	3140.2	3145.6	3072.0	3131.9	3130.6	2971.7
47°	3098.6	3041.0	3058.0	3070.0	2971.7	3035.7	3098.6	3041.0	3058.0	3070.0	2971.7
47.5°	3065.3	3003.0	3015.4	3023.4	2903.8	2979.1	3065.3	3003.0	3015.4	3023.4	2903.8
48°	3017.4	2958.4	2993.0	2923.1	2903.8	2935.4	3017.4	2958.4	2993.0	2923.1	2903.8
48.5°	2974.4	2894.8	2948.1	2923.1	2802.3	2876.5	2974.4	2894.8	2948.1	2923.1	2802.3
49°	2919.5	2894.8	2908.5	2834.9	2744.0	2836.2	2919.5	2894.8	2908.5	2834.9	2744.0
49.5°	2877.8	2818.9	2873.5	2834.9	2688.4	2777.0	2877.8	2818.9	2873.5	2834.9	2688.4
50°	2830.9	2789.3	2834.9	2724.0	2564.5	2740.0	2830.9	2789.3	2834.9	2724.0	2564.5
50.5°	2734.0	2745.7	2791.6	2666.7	2564.5	2687.4	2734.0	2745.7	2791.6	2666.7	2564.5
51°	2734.0	2713.0	2754.3	2614.8	2457.0	2639.1	2734.0	2713.0	2754.3	2614.8	2457.0
51.5°	2642.1	2634.4	2667.7	2558.9	2457.0	2530.2	2642.1	2634.4	2667.7	2558.9	2457.0
52°	2642.1	2634.4	2667.7	2503.9	2375.4	2530.2	2642.1	2634.4	2667.7	2503.9	2375.4
52.5°	2557.9	2589.8	2581.5	2446.6	2375.4	2422.0	2557.9	2589.8	2581.5	2446.6	2375.4
53°	2511.2	2560.9	2536.9	2399.0	2313.5	2366.1	2511.2	2560.9	2536.9	2399.0	2313.5
53.5°	2467.6	2523.6	2487.3	2296.8	2313.5	2315.8	2467.6	2523.6	2487.3	2296.8	2313.5
54°	2424.0	2448.3	2448.3	2296.8	2232.9	2264.2	2424.0	2448.3	2448.3	2296.8	2232.9
54.5°	2389.4	2448.3	2399.0	2192.9	2115.0	2218.9	2389.4	2448.3	2399.0	2192.9	2115.0
55°	2351.1	2369.7	2358.1	2192.9	2115.0	2177.0	2351.1	2369.7	2358.1	2192.9	2115.0
55.5°	2310.1	2337.8	2311.1	2110.0	1998.5	2125.0	2310.1	2337.8	2311.1	2110.0	1998.5
56°	2232.6	2295.2	2275.5	2077.1	1998.5	2075.1	2232.6	2295.2	2275.5	2077.1	1998.5
56.5°	2232.6	2256.5	2225.9	2061.1	1882.3	2075.1	2232.6	2256.5	2225.9	2061.1	1882.3
57°	2153.6	2210.2	2146.3	2054.1	1882.3	2033.1	2153.6	2210.2	2146.3	2054.1	1882.3
57.5°	2153.6	2177.0	2099.7	2013.8	1775.4	2001.1	2153.6	2177.0	2099.7	2013.8	1775.4
58°	2072.1	2132.0	2056.1	1983.2	1775.4	1973.2	2072.1	2132.0	2056.1	1983.2	1775.4
58.5°	2030.4	2053.1	2018.5	1908.6	1666.5	1909.9	2030.4	2053.1	2018.5	1908.6	1666.5
59°	1995.2	2053.1	1981.2	1802.7	1612.9	1851.3	1995.2	2053.1	1981.2	1802.7	1612.9
59.5°	1951.2	1978.8	1942.5	1802.7	1552.3	1784.7	1951.2	1978.8	1942.5	1802.7	1552.3
60°	1910.2	1940.2	1903.9	1679.5	1435.4	1709.1	1910.2	1940.2	1903.9	1679.5	1435.4
60.5°	1862.6	1899.3	1854.6	1613.2	1435.4	1652.5	1862.6	1899.3	1854.6	1613.2	1435.4
61°	1822.7	1862.6	1813.3	1554.6	1313.9	1589.6	1822.7	1862.6	1813.3	1554.6	1313.9
61.5°	1741.4	1817.0	1723.1	1495.4	1313.9	1478.4	1741.4	1817.0	1723.1	1495.4	1313.9
62°	1741.4	1778.4	1723.1	1445.1	1205.7	1478.4	1741.4	1778.4	1723.1	1445.1	1205.7
62.5°	1651.9	1736.4	1629.5	1391.1	1205.7	1368.5	1651.9	1736.4	1629.5	1391.1	1205.7
63°	1612.2	1689.1	1584.3	1330.5	1100.5	1318.9	1612.2	1689.1	1584.3	1330.5	1100.5
63.5°	1568.6	1644.5	1545.3	1212.0	1100.5	1264.9	1568.6	1644.5	1545.3	1212.0	1100.5
64°	1538.0	1559.6	1503.0	1212.0	998.6	1210.7	1538.0	1559.6	1503.0	1212.0	998.6
64.5°	1484.4	1559.6	1467.4	1104.5	947.0	1145.7	1484.4	1559.6	1467.4	1104.5	947.0
65°	1440.8	1473.0	1438.4	1104.5	905.3	1093.1	1440.8	1473.0	1438.4	1104.5	905.3
65.5°	1392.1	1433.1	1406.8	990.2	807.8	1032.9	1392.1	1433.1	1406.8	990.2	807.8
66°	1304.2	1386.5	1365.2	936.0	807.8	979.3	1304.2	1386.5	1365.2	936.0	807.8
66.5°	1304.2	1344.5	1333.2	890.4	690.6	919.0	1304.2	1344.5	1333.2	890.4	690.6
67°	1211.3	1302.6	1238.6	839.4	690.6	802.5	1211.3	1302.6	1238.6	839.4	690.6

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Scaled Data Report

TEST NUMBER: P1594583
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CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°	210°	240°	270°	300°
67.5°	1211.3	1259.6	1238.6	786.1	574.0	802.5	1211.3	1259.6	1238.6	786.1	574.0
68°	1129.8	1218.3	1135.8	729.5	574.0	700.9	1129.8	1218.3	1135.8	729.5	574.0
68.5°	1087.1	1178.4	1079.2	680.9	488.8	652.0	1087.1	1178.4	1079.2	680.9	488.8
69°	1043.5	1137.1	1036.5	579.4	488.8	600.0	1043.5	1137.1	1036.5	579.4	488.8
69.5°	1005.6	1051.5	983.9	579.4	408.5	556.7	1005.6	1051.5	983.9	579.4	408.5
70°	966.6	1051.5	936.0	477.8	333.3	509.1	966.6	1051.5	936.0	477.8	333.3
70.5°	937.6	966.3	890.4	477.8	333.3	481.5	937.6	966.3	890.4	477.8	333.3
71°	886.0	924.3	840.7	374.3	274.4	434.5	886.0	924.3	840.7	374.3	274.4
71.5°	769.5	886.7	757.8	339.3	274.4	366.9	769.5	886.7	757.8	339.3	274.4
72°	769.5	844.4	757.8	286.4	234.4	366.9	769.5	844.4	757.8	286.4	234.4
72.5°	678.6	810.1	688.9	286.4	234.4	290.0	678.6	810.1	688.9	286.4	234.4
73°	678.6	768.8	656.3	257.4	204.1	271.7	678.6	768.8	656.3	257.4	204.1
73.5°	571.4	735.5	613.7	199.1	204.1	217.4	571.4	735.5	613.7	199.1	204.1
74°	521.1	660.3	584.4	199.1	162.8	202.4	521.1	660.3	584.4	199.1	162.8
74.5°	477.5	660.3	540.4	178.5	153.2	173.5	477.5	660.3	540.4	178.5	153.2
75°	439.2	588.0	511.4	156.2	119.5	164.5	439.2	588.0	511.4	156.2	119.5
75.5°	403.9	544.7	466.2	136.5	87.9	144.8	403.9	544.7	466.2	136.5	87.9
76°	363.9	521.8	441.2	111.9	87.9	118.2	363.9	521.8	441.2	111.9	87.9
76.5°	330.3	473.5	382.9	111.9	75.9	118.2	330.3	473.5	382.9	111.9	75.9
77°	268.4	454.8	316.0	92.2	74.6	95.6	268.4	454.8	316.0	92.2	74.6
77.5°	268.4	414.5	316.0	92.2	65.6	95.6	268.4	414.5	316.0	92.2	65.6
78°	204.1	402.2	262.4	72.9	65.6	77.6	204.1	402.2	262.4	72.9	65.6
78.5°	170.2	360.6	257.1	72.9	54.6	74.6	170.2	360.6	257.1	72.9	54.6
79°	143.2	349.6	219.4	53.9	54.6	66.3	143.2	349.6	219.4	53.9	54.6
79.5°	118.2	300.3	213.8	47.3	42.6	63.6	118.2	300.3	213.8	47.3	42.6
80°	97.6	300.3	178.5	43.0	40.0	51.6	97.6	300.3	178.5	43.0	40.0
80.5°	83.2	257.7	173.8	40.3	33.0	48.9	83.2	257.7	173.8	40.3	33.0
81°	72.3	219.4	139.5	38.3	29.3	40.0	72.3	219.4	139.5	38.3	29.3
81.5°	55.3	214.4	136.2	32.6	29.3	37.6	55.3	214.4	136.2	32.6	29.3
82°	55.3	181.1	102.2	32.6	25.0	33.0	55.3	181.1	102.2	32.6	25.0
82.5°	44.6	176.1	69.6	25.3	25.0	28.6	44.6	176.1	69.6	25.3	25.0
83°	44.6	143.8	69.6	25.3	20.3	28.6	44.6	143.8	69.6	25.3	20.3
83.5°	33.0	141.2	48.3	21.3	20.3	22.6	33.0	141.2	48.3	21.3	20.3
84°	28.0	112.9	46.0	19.3	17.0	19.6	28.0	112.9	46.0	19.3	17.0
84.5°	23.6	85.2	34.6	17.6	17.0	16.3	23.6	85.2	34.6	17.6	17.0
85°	20.3	85.2	34.3	14.3	14.3	15.7	20.3	85.2	34.3	14.3	14.3
85.5°	18.0	85.2	26.0	11.0	11.7	12.6	18.0	85.2	26.0	11.0	11.7
86°	15.0	64.3	25.3	8.0	11.7	12.0	15.0	64.3	25.3	8.0	11.7
86.5°	12.0	48.3	20.6	6.0	9.0	10.3	12.0	48.3	20.6	6.0	9.0
87°	6.7	48.3	15.0	5.3	9.0	6.0	6.7	48.3	15.0	5.3	9.0
87.5°	6.7	35.3	15.0	5.3	5.0	6.0	6.7	35.3	15.0	5.3	5.0
88°	3.0	35.3	10.7	3.7	5.0	3.0	3.0	35.3	10.7	3.7	5.0
88.5°	3.0	26.0	10.7	3.7	3.3	3.0	3.0	26.0	10.7	3.7	3.3
89°	2.3	26.0	8.7	2.7	3.3	2.7	2.3	26.0	8.7	2.7	3.3
89.5°	1.3	19.0	8.7	1.3	3.0	2.7	1.3	19.0	8.7	1.3	3.0

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Scaled Data Report

TEST NUMBER: P1594583
CATALOG NUMBER: FLXB-1224-W-LOW-3000K

CANDELA DISTRIBUTION (continued):

	0°	30°	60°	90°	120°	150°	180°	210°	240°	270°	300°
90°	1.0	14.3	3.0	1.3	*2.3*	0.7	1.0	14.3	3.0	1.3	2.3

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TEST NUMBER: P1594583
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CANDELA DISTRIBUTION (continued):

	330°	360°
0°	4622.1	4622.1
0.5°	4622.1	4622.1
1°	4630.6	4631.9
1.5°	*4624.9*	*4636.9*
2°	4624.9	4618.9
2.5°	4618.6	4618.9
3°	4618.6	4632.9
3.5°	4627.9	4632.9
4°	4627.9	4619.6
4.5°	4616.9	4619.6
5°	4619.6	4618.3
5.5°	4618.3	4616.9
6°	4608.0	4613.6
6.5°	4608.0	4598.6
7°	4601.6	4598.6
7.5°	4601.6	4599.6
8°	4595.0	4599.6
8.5°	4595.0	4582.3
9°	4574.3	4582.3
9.5°	4574.3	4579.6
10°	4575.7	4572.3
10.5°	4565.0	4566.3
11°	4556.7	4557.0
11.5°	4546.7	4546.3
12°	4546.7	4539.0
12.5°	4533.4	4539.0
13°	4533.4	4511.7
13.5°	4505.4	4511.7
14°	4505.4	4505.1
14.5°	4501.1	4491.1
15°	4481.1	4483.4
15.5°	4470.4	4472.4
16°	4470.8	4461.1
16.5°	4462.4	4455.4
17°	4437.1	4449.5
17.5°	4437.1	4414.5
18°	4414.8	4414.5
18.5°	4414.8	4403.8
19°	4393.2	4403.8
19.5°	4393.2	4375.2
20°	4365.9	4363.2
20.5°	4363.2	4345.9
21°	4348.9	4325.6
21.5°	4319.6	4316.3
22°	4319.6	4296.6

TEST NUMBER: P1594583
CATALOG NUMBER: FLXB-1224-W-LOW-3000K

CANDELA DISTRIBUTION (continued):

	330°	360°
22.5°	4290.0	4296.6
23°	4290.0	4287.3
23.5°	4263.3	4260.7
24°	4263.3	4244.3
24.5°	4213.4	4224.0
25°	4200.4	4196.7
25.5°	4200.4	4196.7
26°	4174.4	4165.1
26.5°	4174.4	4165.1
27°	4143.1	4123.5
27.5°	4135.5	4111.2
28°	4121.5	4094.5
28.5°	4105.8	4071.5
29°	4091.5	4047.6
29.5°	4074.5	4032.2
30°	4064.5	4020.6
30.5°	4032.6	3982.3
31°	4032.6	3982.3
31.5°	4013.3	3941.3
32°	4008.9	3927.4
32.5°	3994.3	3906.1
33°	3981.0	3884.4
33.5°	3978.0	3859.1
34°	3971.6	3837.5
34.5°	3969.6	3824.5
35°	3960.7	3776.2
35.5°	3942.3	3776.2
36°	3920.0	3736.2
36.5°	3920.0	3736.2
37°	3897.4	3693.9
37.5°	3898.1	3668.3
38°	3895.1	3642.0
38.5°	3892.7	3619.7
39°	3887.4	3602.4
39.5°	3868.1	3582.7
40°	3840.8	3554.8
40.5°	3753.2	3510.2
41°	3753.2	3510.2
41.5°	3657.3	3466.2
42°	3610.7	3466.2
42.5°	3563.4	3413.6
43°	3513.8	3394.9
43.5°	3453.9	3371.6
44°	3389.9	3353.3
44.5°	3344.3	3319.0

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CANDELA DISTRIBUTION (continued):

	330°	360°
45°	3276.4	3288.1
45.5°	3242.4	3257.1
46°	3140.2	3187.2
46.5°	3140.2	3145.6
47°	3035.7	3098.6
47.5°	2979.1	3065.3
48°	2935.4	3017.4
48.5°	2876.5	2974.4
49°	2836.2	2919.5
49.5°	2777.0	2877.8
50°	2740.0	2830.9
50.5°	2687.4	2734.0
51°	2639.1	2734.0
51.5°	2530.2	2642.1
52°	2530.2	2642.1
52.5°	2422.0	2557.9
53°	2366.1	2511.2
53.5°	2315.8	2467.6
54°	2264.2	2424.0
54.5°	2218.9	2389.4
55°	2177.0	2351.1
55.5°	2125.0	2310.1
56°	2075.1	2232.6
56.5°	2075.1	2232.6
57°	2033.1	2153.6
57.5°	2001.1	2153.6
58°	1973.2	2072.1
58.5°	1909.9	2030.4
59°	1851.3	1995.2
59.5°	1784.7	1951.2
60°	1709.1	1910.2
60.5°	1652.5	1862.6
61°	1589.6	1822.7
61.5°	1478.4	1741.4
62°	1478.4	1741.4
62.5°	1368.5	1651.9
63°	1318.9	1612.2
63.5°	1264.9	1568.6
64°	1210.7	1538.0
64.5°	1145.7	1484.4
65°	1093.1	1440.8
65.5°	1032.9	1392.1
66°	979.3	1304.2
66.5°	919.0	1304.2
67°	802.5	1211.3

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CANDELA DISTRIBUTION (continued):

	330°	360°
67.5°	802.5	1211.3
68°	700.9	1129.8
68.5°	652.0	1087.1
69°	600.0	1043.5
69.5°	556.7	1005.6
70°	509.1	966.6
70.5°	481.5	937.6
71°	434.5	886.0
71.5°	366.9	769.5
72°	366.9	769.5
72.5°	290.0	678.6
73°	271.7	678.6
73.5°	217.4	571.4
74°	202.4	521.1
74.5°	173.5	477.5
75°	164.5	439.2
75.5°	144.8	403.9
76°	118.2	363.9
76.5°	118.2	330.3
77°	95.6	268.4
77.5°	95.6	268.4
78°	77.6	204.1
78.5°	74.6	170.2
79°	66.3	143.2
79.5°	63.6	118.2
80°	51.6	97.6
80.5°	48.9	83.2
81°	40.0	72.3
81.5°	37.6	55.3
82°	33.0	55.3
82.5°	28.6	44.6
83°	28.6	44.6
83.5°	22.6	33.0
84°	19.6	28.0
84.5°	16.3	23.6
85°	15.7	20.3
85.5°	12.6	18.0
86°	12.0	15.0
86.5°	10.3	12.0
87°	6.0	6.7
87.5°	6.0	6.7
88°	3.0	3.0
88.5°	3.0	3.0
89°	2.7	2.3
89.5°	2.7	1.3

TEST NUMBER: P1594583
CATALOG NUMBER: FLXB-1224-W-LOW-3000K

CANDELA DISTRIBUTION (continued):

	330°	360°
90°	0.7	1.0

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

Scaled Data Report

TEST NUMBER: P1594583
CATALOG NUMBER: FLXB-1224-W-LOW-3000K

CIE UGR TABLE:

Reflectances:											
	Ceiling	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
	Wall	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
	Reference plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room Dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	24.7	26.2	25.0	26.6	26.9	24.2	25.8	24.6	26.1	26.4
	3H	25.9	27.3	26.2	27.6	28.0	24.9	26.3	25.3	26.6	27.0
	4H	26.1	27.4	26.5	27.7	28.1	24.9	26.2	25.3	26.6	27.0
	6H	26.1	27.3	26.5	27.7	28.1	24.9	26.1	25.3	26.5	26.9
	8H	26.1	27.2	26.5	27.6	28.0	24.9	26.0	25.3	26.4	26.8
	12H	26.1	27.2	26.5	27.5	28.0	24.8	25.9	25.3	26.3	26.7
4H	2H	25.1	26.4	25.5	26.7	27.1	24.7	26.0	25.1	26.3	26.7
	3H	26.4	27.4	26.8	27.8	28.2	25.5	26.6	25.9	27.0	27.4
	4H	26.6	27.6	27.1	28.0	28.5	25.6	26.6	26.0	27.0	27.4
	6H	26.7	27.6	27.2	28.0	28.5	25.6	26.4	26.0	26.9	27.3
	8H	26.7	27.5	27.2	27.9	28.4	25.6	26.3	26.0	26.8	27.2
	12H	26.7	27.4	27.2	27.8	28.3	25.5	26.2	26.0	26.7	27.2
8H	4H	26.7	27.5	27.1	27.9	28.4	25.7	26.5	26.2	26.9	27.4
	6H	26.8	27.4	27.3	27.9	28.4	25.7	26.3	26.2	26.8	27.3
	8H	26.8	27.4	27.3	27.9	28.4	25.7	26.2	26.2	26.7	27.2
	12H	26.8	27.3	27.3	27.8	28.3	25.6	26.1	26.1	26.6	27.2
12H	4H	26.7	27.3	27.1	27.8	28.3	25.7	26.4	26.2	26.8	27.3
	6H	26.8	27.3	27.3	27.8	28.3	25.7	26.3	26.2	26.7	27.3
	8H	26.8	27.3	27.3	27.8	28.3	25.7	26.2	26.2	26.7	27.2

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

LM-79-2019: Approved Method: Electrical and Photometric Measurements of Solid-State Lighting Products

Report Prepared for

Cooper Lighting Solutions

Metalux

Report Number: SP3-2602-684-1

Test Date: 02/20/2026

Luminaire Tested: HLBX-2436-W-HI-3000K

Data in this report applies to families of products including HLBX-2436*

Report Generated By FNC07603 / LDUCLS01DT01661
Version: v7.05

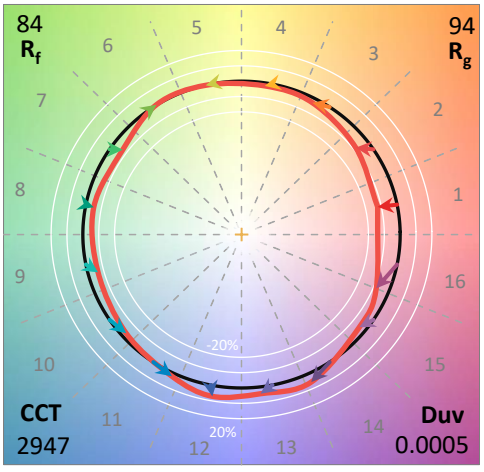
Test Information

Test Method:	LM-79-2019
Report Number:	SP3-2602-684-1
Test Lab:	COOPER LIGHTING SOLUTIONS
Photometer:	SP3 - 3M SPHERE
Measurement Geometry:	4π
Issue Date:	02/27/2026
Manufacturer:	COOPER LIGHTING SOLUTIONS
Product Line:	Metalux
Catalog Number:	**HLBX-2436-W-HI-3000K**
Description:	LDS HLBX 2436 W beam, HI lumen, 3000K CCT settings

Spectral Parameters

CCT (K):	2947
CIE u':	0.2523
CIE v':	0.5232
Duv:	0.0005
CIE x:	0.4415
CIE y:	0.4069
CIE z:	0.1516
Peak Wavelength (nm):	605
Dominant Wavelength (nm):	582
Purity:	54.65632
Rf:	83.6
Rg:	93.7

CRI (Ra):	81.4				
R1:	79.9	R9:	0.7
R2:	91.2	R10:	79.6
R3:	95.4	R11:	77.4
R4:	78.4	R12:	68.4
R5:	79.9	R13:	82.7
R6:	89.4	R14:	98.3
R7:	81.1	R15:	71.7
R8:	55.6		



Test Conditions

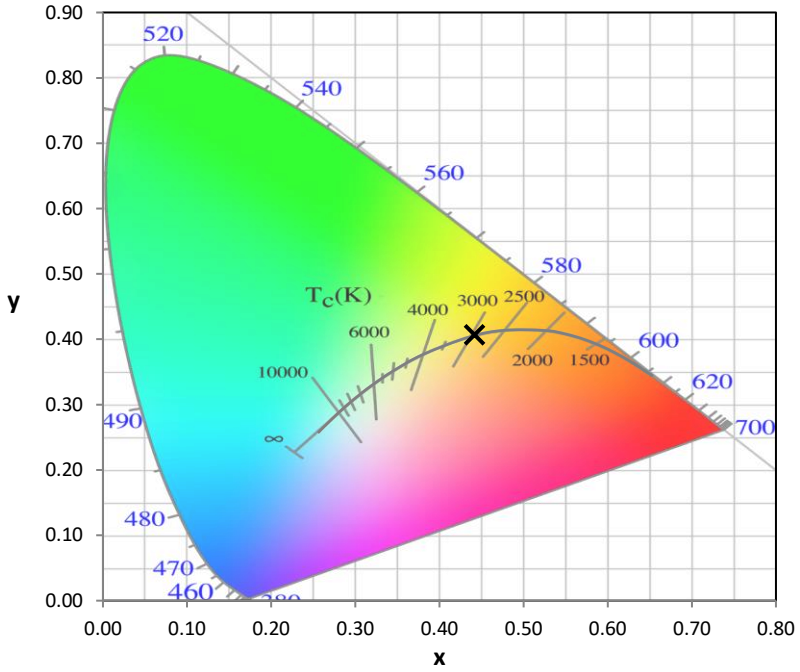
Stabilization Time:	31M
Operation Time:	1H 31M
Sphere Temperature (°C):	25.0

REPORT NUMBER: SP3-2602-684-1

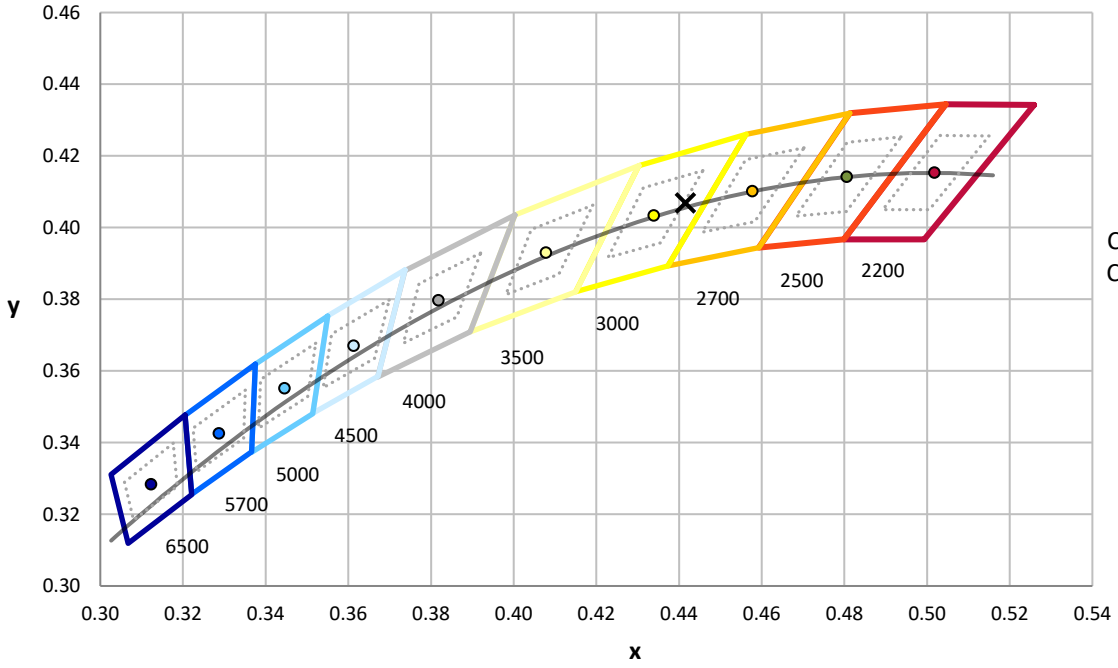
Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	3M SPHERE IN02505	1/10/2026	7/10/2026
Power Meter	XITRON INXT2011006	10/21/2025	10/21/2026
AC Power Source	CHROMA 61604 IN6064A	10/20/2025	10/20/2026
DC Power Source	EYSIGHT N5770A IN0534	10/20/2025	10/20/2026
Sphere Thermometer	TANDD IN4036E	10/21/2025	10/21/2026

REPORT NUMBER: SP3-2602-684-1

CIE 1931 Chromaticity Diagram



CIE 1931 Chromaticity Diagram with 2017 ANSI 7-Step and 4-Step Quadrangles

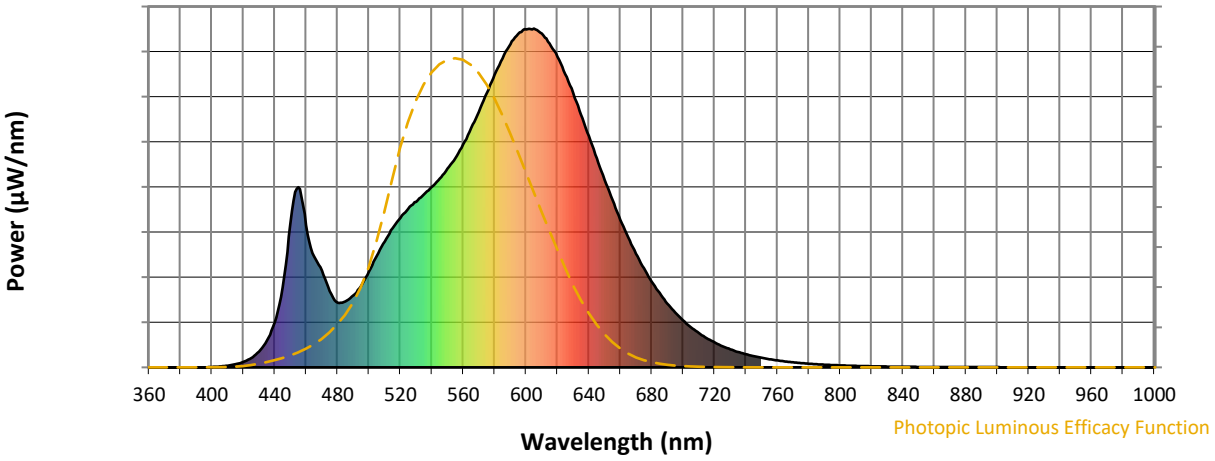


CCT = 2947K
CIE x = 0.4415
CIE y = 0.4069
Duv = 0.0005

Point lies inside the ANSI 3000K 4-step quadrangle

REPORT NUMBER: SP3-2602-684-1

Photopic Flux vs. Wavelength

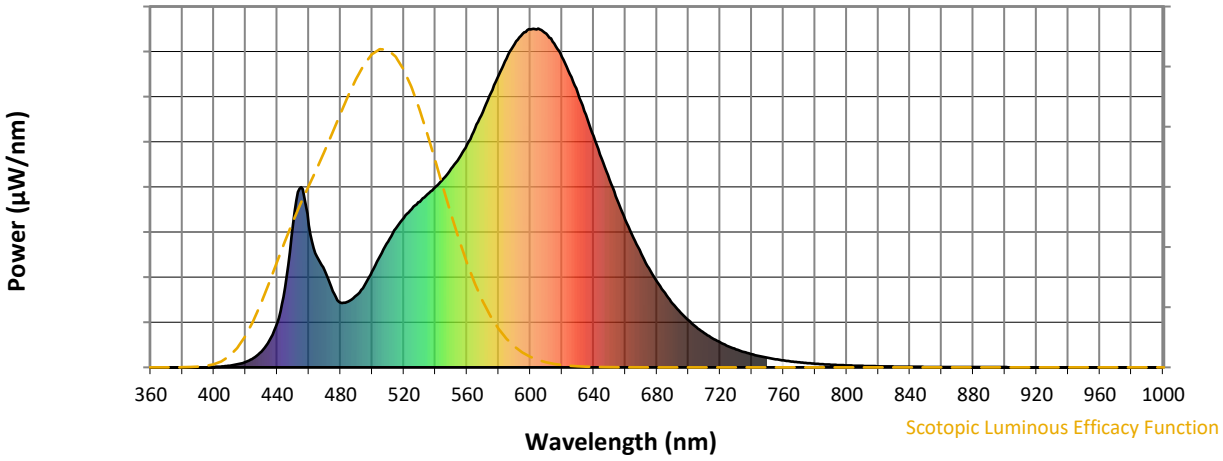


Photopic Lumens: NR

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	213	NR	620	916	NR	750	28	NR	880	1	NR
365	0	NR	495	240	NR	625	865	NR	755	24	NR	885	1	NR
370	0	NR	500	283	NR	630	810	NR	760	20	NR	890	1	NR
375	0	NR	505	329	NR	635	746	NR	765	17	NR	895	1	NR
380	0	NR	510	372	NR	640	683	NR	770	15	NR	900	1	NR
385	0	NR	515	410	NR	645	617	NR	775	13	NR	905	0	NR
390	0	NR	520	441	NR	650	554	NR	780	11	NR	910	0	NR
395	0	NR	525	468	NR	655	494	NR	785	9	NR	915	0	NR
400	1	NR	530	488	NR	660	436	NR	790	8	NR	920	0	NR
405	3	NR	535	511	NR	665	384	NR	795	7	NR	925	0	NR
410	5	NR	540	533	NR	670	336	NR	800	6	NR	930	0	NR
415	9	NR	545	557	NR	675	292	NR	805	5	NR	935	0	NR
420	16	NR	550	586	NR	680	253	NR	810	4	NR	940	0	NR
425	28	NR	555	618	NR	685	220	NR	815	4	NR	945	0	NR
430	47	NR	560	658	NR	690	188	NR	820	3	NR	950	0	NR
435	79	NR	565	706	NR	695	162	NR	825	3	NR	955	0	NR
440	132	NR	570	754	NR	700	138	NR	830	2	NR	960	0	NR
445	236	NR	575	810	NR	705	118	NR	835	2	NR	965	0	NR
450	424	NR	580	864	NR	710	101	NR	840	2	NR	970	0	NR
455	532	NR	585	911	NR	715	86	NR	845	2	NR	975	0	NR
460	420	NR	590	954	NR	720	74	NR	850	1	NR	980	0	NR
465	327	NR	595	985	NR	725	63	NR	855	1	NR	985	0	NR
470	286	NR	600	997	NR	730	53	NR	860	1	NR	990	0	NR
475	225	NR	605	1000	NR	735	46	NR	865	1	NR	995	0	NR
480	191	NR	610	985	NR	740	39	NR	870	1	NR	1000	0	NR
485	194	NR	615	956	NR	745	33	NR	875	1	NR			

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Scotopic Flux vs. Wavelength

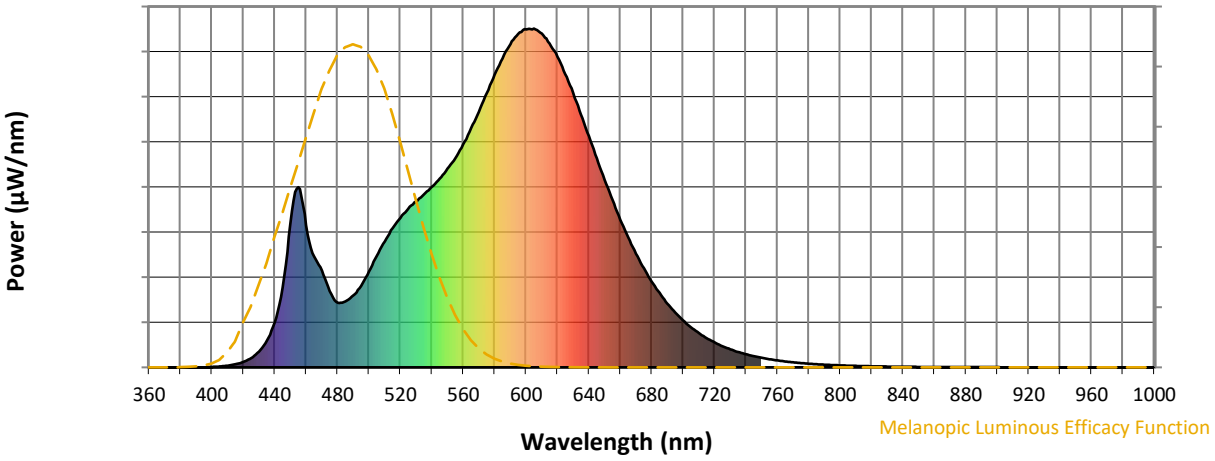


Scotopic Lumens: NR **S/P: 1.32**

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	213	NR	620	916	NR	750	28	NR	880	1	NR
365	0	NR	495	240	NR	625	865	NR	755	24	NR	885	1	NR
370	0	NR	500	283	NR	630	810	NR	760	20	NR	890	1	NR
375	0	NR	505	329	NR	635	746	NR	765	17	NR	895	1	NR
380	0	NR	510	372	NR	640	683	NR	770	15	NR	900	1	NR
385	0	NR	515	410	NR	645	617	NR	775	13	NR	905	0	NR
390	0	NR	520	441	NR	650	554	NR	780	11	NR	910	0	NR
395	0	NR	525	468	NR	655	494	NR	785	9	NR	915	0	NR
400	1	NR	530	488	NR	660	436	NR	790	8	NR	920	0	NR
405	3	NR	535	511	NR	665	384	NR	795	7	NR	925	0	NR
410	5	NR	540	533	NR	670	336	NR	800	6	NR	930	0	NR
415	9	NR	545	557	NR	675	292	NR	805	5	NR	935	0	NR
420	16	NR	550	586	NR	680	253	NR	810	4	NR	940	0	NR
425	28	NR	555	618	NR	685	220	NR	815	4	NR	945	0	NR
430	47	NR	560	658	NR	690	188	NR	820	3	NR	950	0	NR
435	79	NR	565	706	NR	695	162	NR	825	3	NR	955	0	NR
440	132	NR	570	754	NR	700	138	NR	830	2	NR	960	0	NR
445	236	NR	575	810	NR	705	118	NR	835	2	NR	965	0	NR
450	424	NR	580	864	NR	710	101	NR	840	2	NR	970	0	NR
455	532	NR	585	911	NR	715	86	NR	845	2	NR	975	0	NR
460	420	NR	590	954	NR	720	74	NR	850	1	NR	980	0	NR
465	327	NR	595	985	NR	725	63	NR	855	1	NR	985	0	NR
470	286	NR	600	997	NR	730	53	NR	860	1	NR	990	0	NR
475	225	NR	605	1000	NR	735	46	NR	865	1	NR	995	0	NR
480	191	NR	610	985	NR	740	39	NR	870	1	NR	1000	0	NR
485	194	NR	615	956	NR	745	33	NR	875	1	NR			

REPORT NUMBER: SP3-2602-684-1

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR **M/P: 2.54**

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	213	NR	620	916	NR	750	28	NR	880	1	NR
365	0	NR	495	240	NR	625	865	NR	755	24	NR	885	1	NR
370	0	NR	500	283	NR	630	810	NR	760	20	NR	890	1	NR
375	0	NR	505	329	NR	635	746	NR	765	17	NR	895	1	NR
380	0	NR	510	372	NR	640	683	NR	770	15	NR	900	1	NR
385	0	NR	515	410	NR	645	617	NR	775	13	NR	905	0	NR
390	0	NR	520	441	NR	650	554	NR	780	11	NR	910	0	NR
395	0	NR	525	468	NR	655	494	NR	785	9	NR	915	0	NR
400	1	NR	530	488	NR	660	436	NR	790	8	NR	920	0	NR
405	3	NR	535	511	NR	665	384	NR	795	7	NR	925	0	NR
410	5	NR	540	533	NR	670	336	NR	800	6	NR	930	0	NR
415	9	NR	545	557	NR	675	292	NR	805	5	NR	935	0	NR
420	16	NR	550	586	NR	680	253	NR	810	4	NR	940	0	NR
425	28	NR	555	618	NR	685	220	NR	815	4	NR	945	0	NR
430	47	NR	560	658	NR	690	188	NR	820	3	NR	950	0	NR
435	79	NR	565	706	NR	695	162	NR	825	3	NR	955	0	NR
440	132	NR	570	754	NR	700	138	NR	830	2	NR	960	0	NR
445	236	NR	575	810	NR	705	118	NR	835	2	NR	965	0	NR
450	424	NR	580	864	NR	710	101	NR	840	2	NR	970	0	NR
455	532	NR	585	911	NR	715	86	NR	845	2	NR	975	0	NR
460	420	NR	590	954	NR	720	74	NR	850	1	NR	980	0	NR
465	327	NR	595	985	NR	725	63	NR	855	1	NR	985	0	NR
470	286	NR	600	997	NR	730	53	NR	860	1	NR	990	0	NR
475	225	NR	605	1000	NR	735	46	NR	865	1	NR	995	0	NR
480	191	NR	610	985	NR	740	39	NR	870	1	NR	1000	0	NR
485	194	NR	615	956	NR	745	33	NR	875	1	NR			

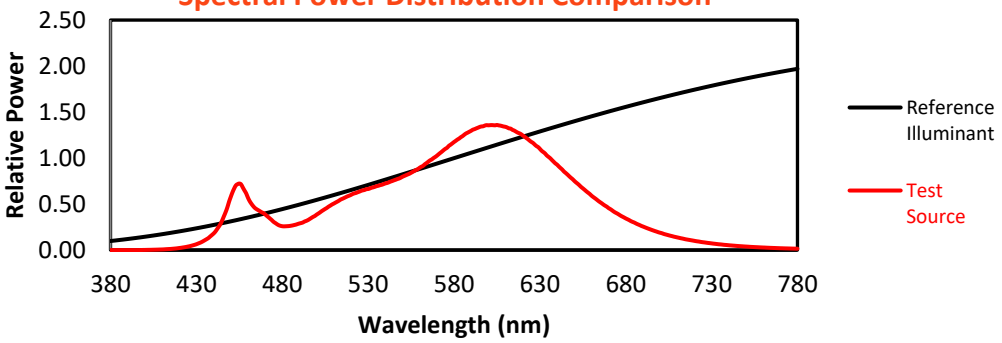
REPORT NUMBER: SP3-2602-684-1

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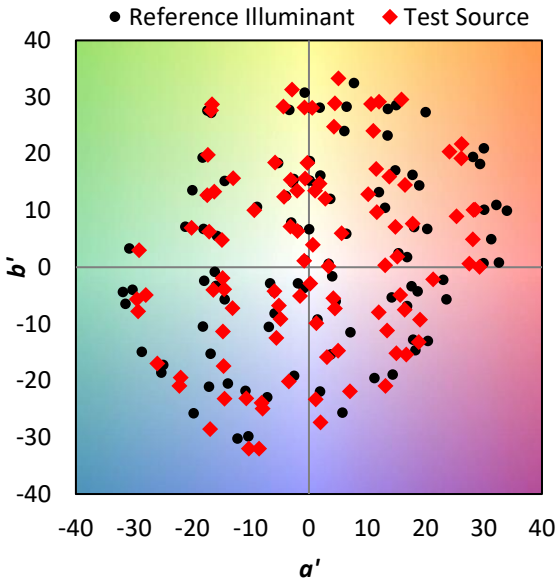
Summary

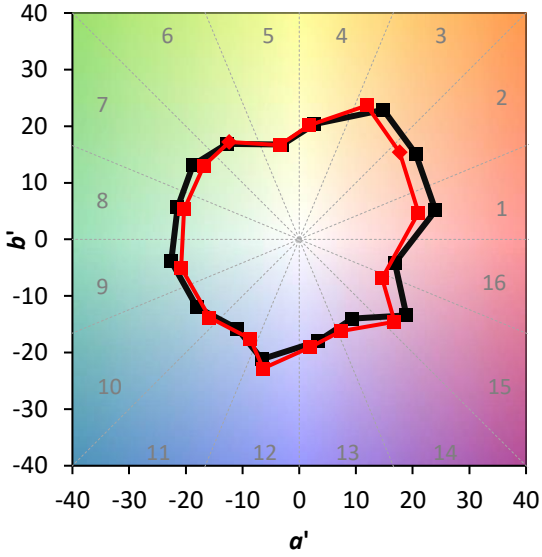
R_f = 83.6
R_g = 93.7
CIE R_a = 81.4
R_9 = 0.7

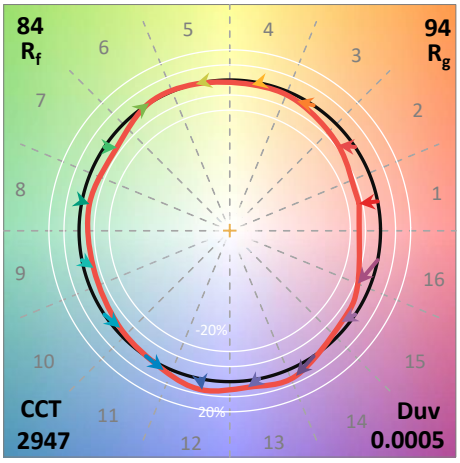
Spectral Power Distribution Comparison

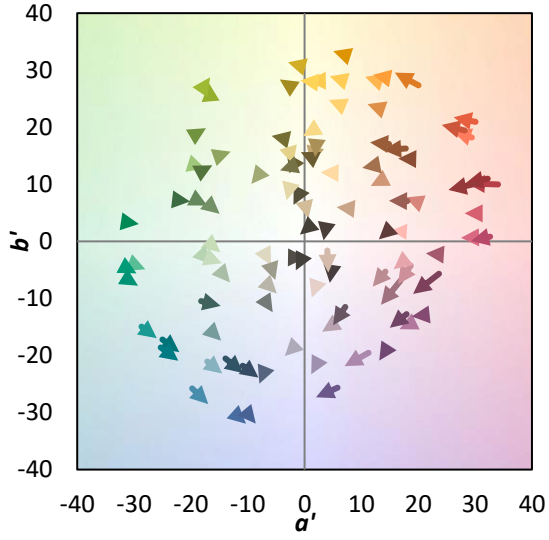


Color Vector Graphics







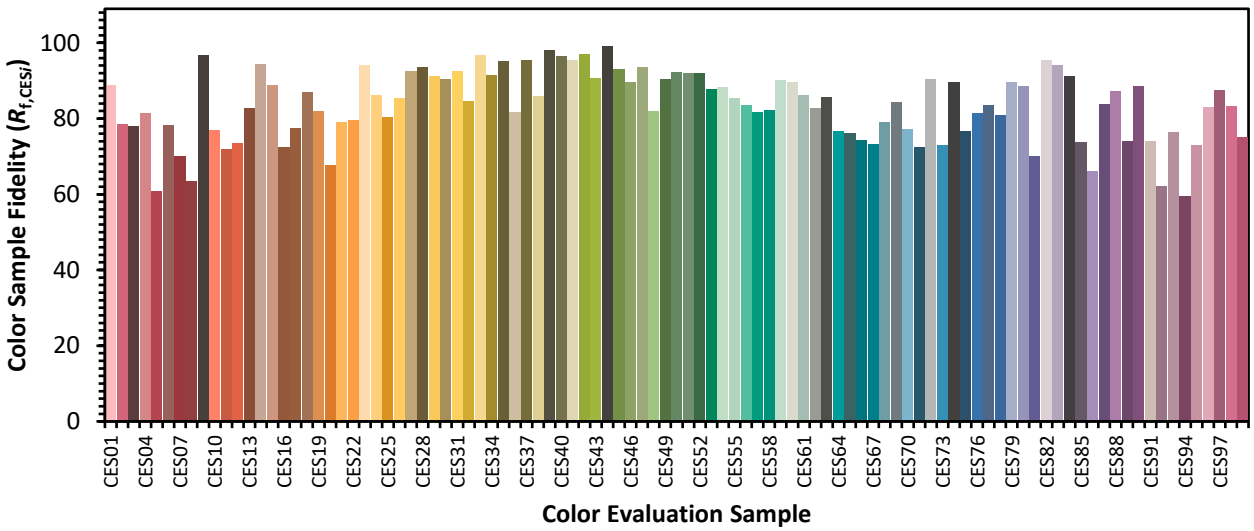


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Individual Sample Fidelity Index ($R_{f,i}$)

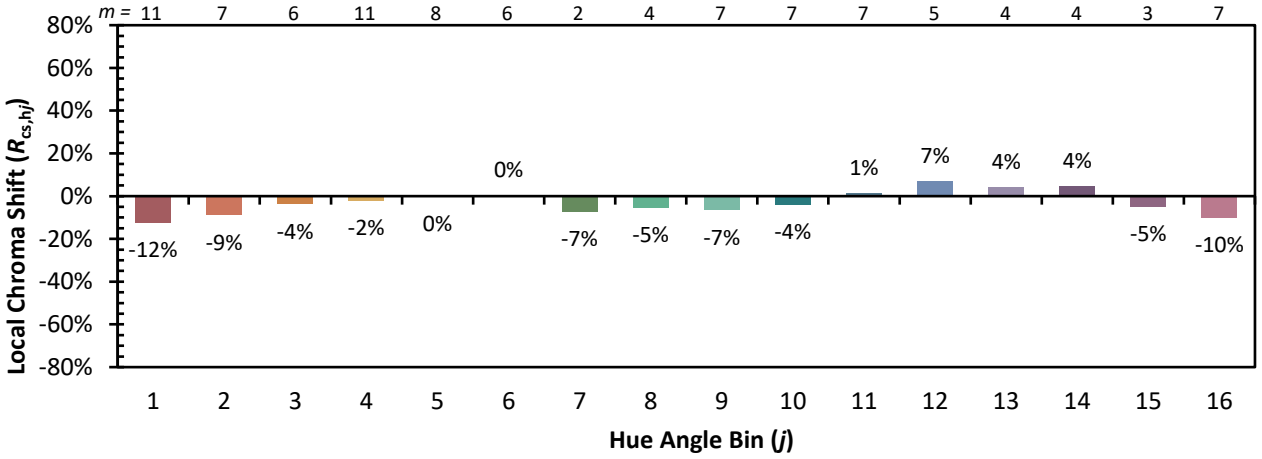
CES01 = 86	CES26 = 86	CES51 = 92	CES76 = 81
CES02 = 63	CES27 = 92	CES52 = 92	CES77 = 84
CES03 = 31	CES28 = 94	CES53 = 88	CES78 = 81
CES04 = 71	CES29 = 91	CES54 = 88	CES79 = 90
CES05 = 50	CES30 = 90	CES55 = 85	CES80 = 89
CES06 = 51	CES31 = 93	CES56 = 83	CES81 = 70
CES07 = 42	CES32 = 84	CES57 = 82	CES82 = 95
CES08 = 41	CES33 = 97	CES58 = 82	CES83 = 94
CES09 = 29	CES34 = 91	CES59 = 90	CES84 = 91
CES10 = 76	CES35 = 95	CES60 = 90	CES85 = 74
CES11 = 59	CES36 = 82	CES61 = 86	CES86 = 66
CES12 = 65	CES37 = 96	CES62 = 83	CES87 = 84
CES13 = 44	CES38 = 86	CES63 = 86	CES88 = 87
CES14 = 74	CES39 = 98	CES64 = 77	CES89 = 74
CES15 = 72	CES40 = 96	CES65 = 76	CES90 = 89
CES16 = 48	CES41 = 95	CES66 = 74	CES91 = 74
CES17 = 50	CES42 = 97	CES67 = 73	CES92 = 62
CES18 = 57	CES43 = 91	CES68 = 79	CES93 = 76
CES19 = 72	CES44 = 99	CES69 = 84	CES94 = 60
CES20 = 67	CES45 = 93	CES70 = 77	CES95 = 73
CES21 = 87	CES46 = 90	CES71 = 73	CES96 = 83
CES22 = 79	CES47 = 93	CES72 = 91	CES97 = 88
CES23 = 92	CES48 = 82	CES73 = 73	CES98 = 83
CES24 = 91	CES49 = 90	CES74 = 90	CES99 = 75
CES25 = 72	CES50 = 92	CES75 = 77	

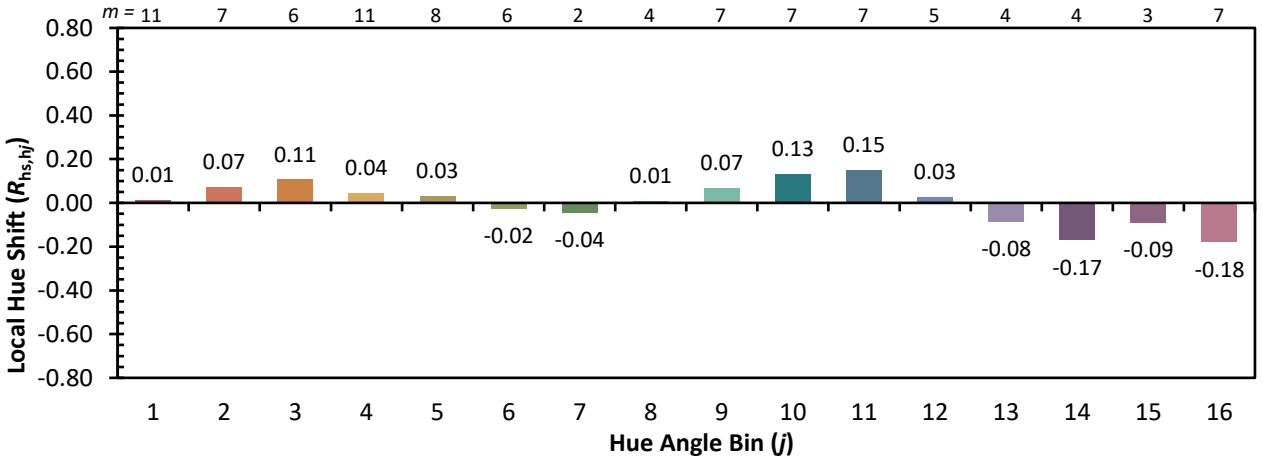


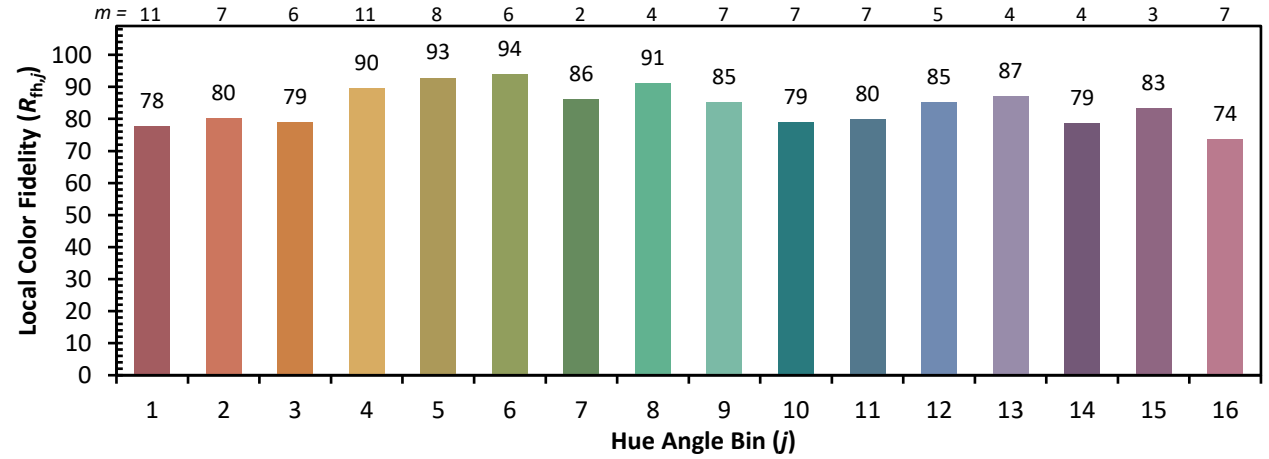
REPORT NUMBER: SP3-2602-684-1

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Color Rendition by Hue-Angle Bin



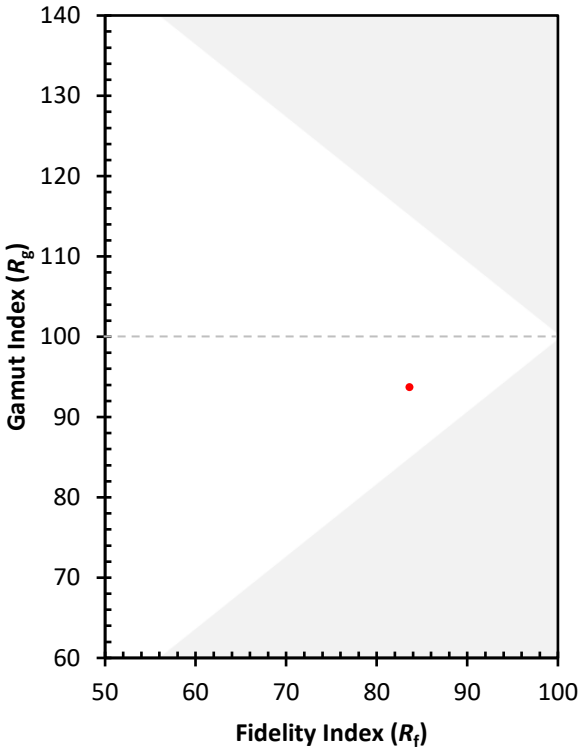


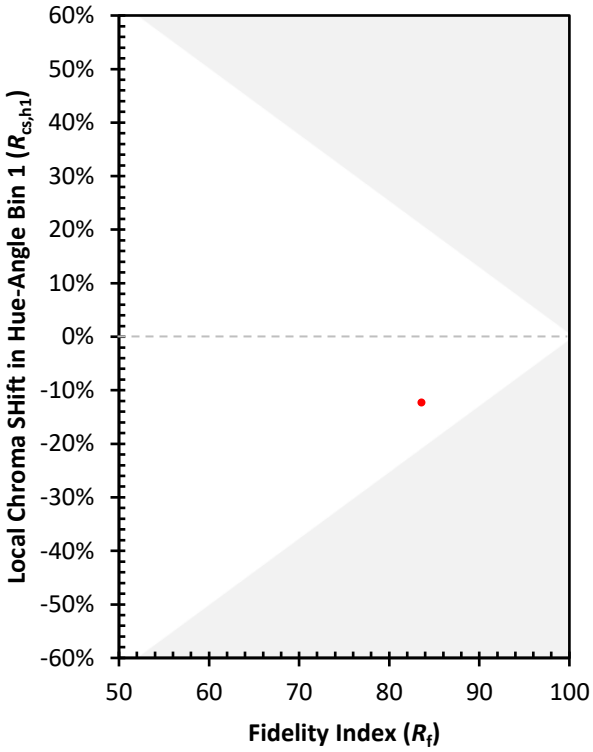


REPORT NUMBER: SP3-2602-684-1

TM-30-18

Measure Comparisons





(END OF REPORT)