

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: P1433578

Luminaire Tested: EHBR1-42-UNV-A1-L935

Issue Date: 3/13/2026

Test Information

Test Method: LM-79-2019
Report Number: P1433578
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2601-654-5)
Test Lab: INNOVATION CENTER
Issue Date: 3/13/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: METALUX
Catalog Number: EHBR1-42-UNV-A1-L935
Description: Elevate Round Highbay at, 42000 lumens, 3500K 90CRI LEDs with A lens
Light Source: -
Ballast/Driver: -

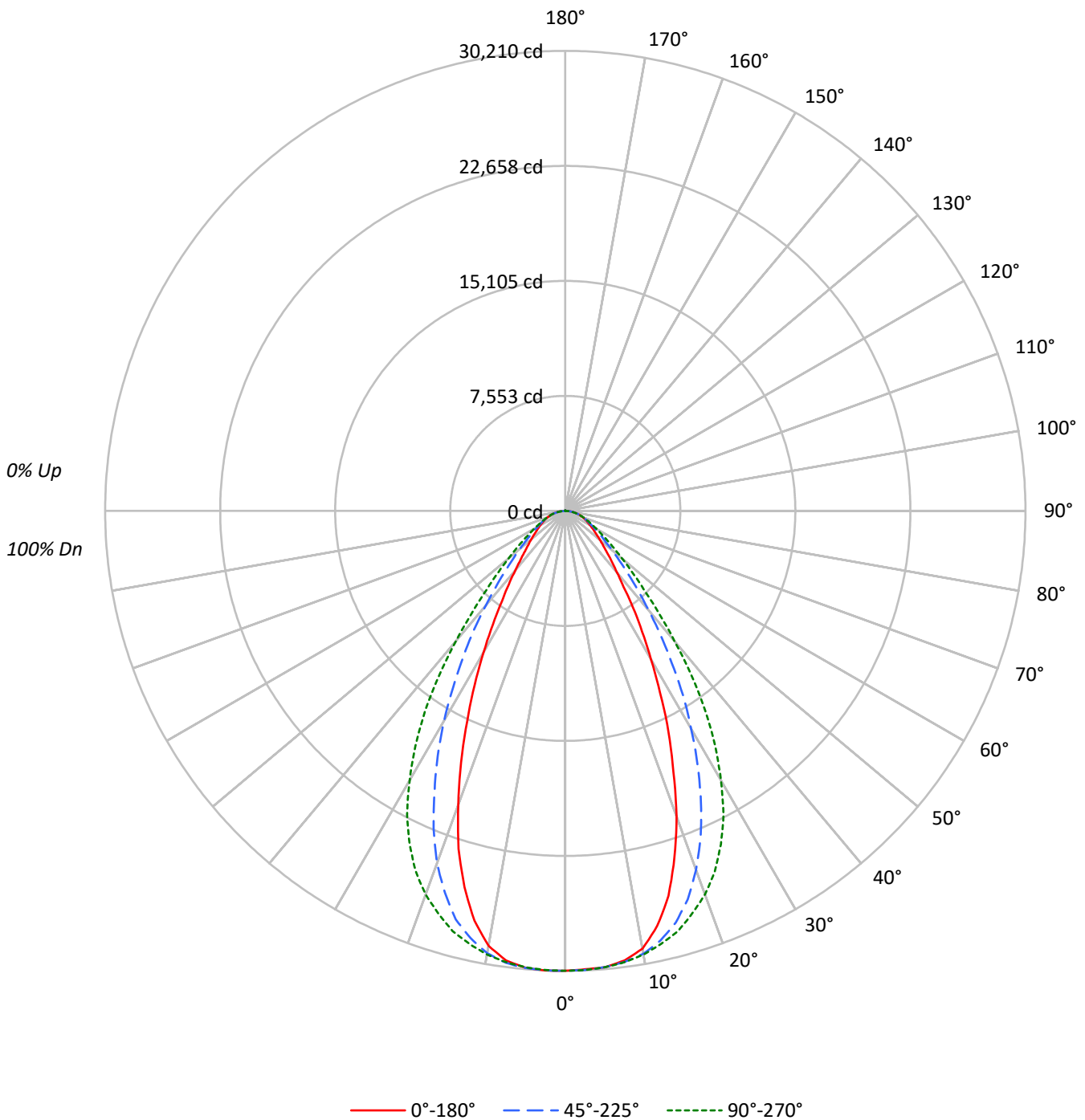
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 37514.8 lumens
Efficiency: N/A
Efficacy: 167.2 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 1.07 / 0.95
Luminous Opening: Circular (Dia: 1.71' x H: 0')
CIE Type: Direct

Input Watts (W): 224.4
Input Voltage (V): NR
Input Current (A_{in}): 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: 24 FT

TEST NUMBER: P1433578
CATALOG NUMBER: EHBR1-42-UNV-A1-L935

Luminous Intensity Polar Plot





TEST NUMBER: P1433578
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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	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	112	108	105	102	109	106	103	100	102	99	97	98	96	94	94	93	92		90
2	104	98	93	89	102	96	92	88	93	89	86	90	87	84	87	84	82		80
3	98	90	83	78	95	88	82	78	85	81	77	83	79	75	80	77	74		72
4	91	82	75	70	89	81	75	70	79	73	69	77	72	68	75	71	67		65
5	86	76	69	63	84	75	68	63	73	67	62	71	66	62	69	65	61		60
6	81	70	63	58	79	69	62	58	68	62	57	66	61	57	65	60	56		55
7	76	65	58	53	75	64	58	53	63	57	52	62	56	52	60	56	52		50
8	72	61	54	49	70	60	53	49	59	53	48	58	52	48	57	52	48		46
9	68	57	50	45	67	56	50	45	55	49	45	54	49	45	53	48	45		43
10	64	53	47	42	63	53	46	42	52	46	42	51	46	42	50	45	42		40

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°	135°	180°
0°	141810	141810	141810	141810	141810
5°	141792	141770	141776	142027	141940
10°	139196	140819	141042	140644	138286
15°	127219	136097	138897	135005	124298
20°	106758	125385	133950	123023	102602
25°	83176	109219	125186	105231	78866
30°	61113	89658	110846	86255	58006
35°	44439	69712	91899	66709	41539
40°	32286	51994	68391	49800	31290
45°	25728	38468	48305	36800	24837
50°	21630	29286	35427	28321	21302
55°	19196	23499	27263	23106	18937
60°	17667	20019	22169	19895	17791
65°	16972	18139	19137	18196	17133
70°	16743	17142	17672	17237	16908
75°	16571	16468	16571	16513	16733
80°	16659	15461	15120	15702	16659
85°	15028	12748	12608	12953	15469

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 67.5°
 Vertical Angle: 45°
 Luminance: 50611 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	2851.7	7.6
10°-20°	7664.3	20.4
20°-30°	9319.7	24.8
30°-40°	7591.6	20.2
40°-50°	4558.0	12.1
50°-60°	2623.2	7.0
60°-70°	1641.7	4.4
70°-80°	966.9	2.6
80°-90°	282.7	0.8
90°-100°	0.1	0.0
100°-110°	0.2	0.0
110°-120°	0.2	0.0
120°-130°	0.4	0.0
130°-140°	1.9	0.0
140°-150°	3.5	0.0
150°-160°	3.8	0.0
160°-170°	3.4	0.0
170°-180°	1.5	0.0
0°-30°	19835.7	52.9
0°-40°	27427.4	73.1
0°-60°	34608.5	92.3
0°-90°	37499.8	100.0
90°-120°	0.5	0.0
90°-150°	6.3	0.0
90°-180°	15.0	0.0
0°-180°	37514.8	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	30198	30198	30198	30198	30198	
5°	30079	30074	30075	30128	30110	2843
15°	26167	27993	28569	27769	25566	7199
25°	16052	21078	24160	20309	15220	7314
35°	7752	12160	16030	11636	7246	4904
45°	3874	5792	7274	5541	3740	3056
55°	2345	2870	3330	2822	2313	2119
65°	1527	1632	1722	1638	1542	1519
75°	913	908	913	910	922	967
85°	279	237	234	240	287	298
90°	1	0	0	0	1	14
95°	1	0	0	0	1	1
105°	1	0	0	0	1	1
115°	1	0	0	0	1	1
125°	2	0	0	1	2	2
135°	3	2	2	2	3	2
145°	6	5	5	6	6	4
155°	10	8	6	8	10	5
165°	15	12	11	13	15	4
175°	19	16	14	16	19	2
180°	17	17	17	17	17	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°
0°	30197.5	30197.5	30197.5	30197.5	30197.5	30197.5	30197.5	30197.5	30197.5
2.5°	30131.0	30158.2	30169.6	30175.9	30182.9	30201.9	30210.1	30196.8	30208.2
5°	30078.6	30080.5	30074.1	30102.6	30075.4	30094.3	30128.5	30115.3	30110.2
7.5°	29772.4	29835.7	29873.0	29882.4	29887.5	29911.0	29935.0	29799.0	29778.7
10°	29190.5	29296.2	29530.8	29597.8	29577.6	29615.6	29494.2	29138.7	28999.6
12.5°	27914.9	28286.1	28895.8	29167.1	29117.8	29151.3	28737.7	27987.6	27556.2
15°	26167.3	26711.9	27993.3	28528.4	28569.4	28528.4	27768.8	26307.1	25566.5
17.5°	23844.3	24849.8	26736.6	27775.0	27715.6	27735.2	26293.2	24132.7	23285.2
20°	21362.4	22434.5	25089.6	26821.9	26803.6	26693.5	24617.1	21767.9	20530.7
22.5°	18555.5	19938.1	23202.3	25650.0	25643.0	25459.6	22576.1	19185.5	17853.4
25°	16052.2	17408.2	21078.4	24214.2	24159.9	23951.1	20308.7	16609.4	15220.5
27.5°	13464.1	14873.9	18811.1	22531.9	22494.6	22266.9	18141.2	14201.6	12879.7
30°	11270.0	12559.0	16534.1	20680.6	20441.5	20415.6	15906.7	11972.1	10697.1
32.5°	9390.3	10495.3	14387.5	18744.6	18321.5	18442.3	13679.8	10107.6	8843.9
35°	7751.6	8725.0	12160.0	16505.6	16030.1	16186.2	11636.3	8293.6	7245.7
37.5°	6291.2	7227.3	10272.0	14328.1	13600.8	13895.4	9838.8	6926.2	6086.3
40°	5266.6	6009.1	8481.4	11938.5	11156.2	11636.3	8123.5	5777.0	5104.1
42.5°	4538.0	5022.4	7000.2	9657.2	9057.0	9397.3	6695.3	4829.6	4326.1
45°	3873.9	4260.4	5792.2	7620.7	7273.5	7589.1	5541.1	4118.0	3739.8
47.5°	3383.7	3681.6	4768.2	6154.0	5938.3	6038.2	4627.8	3593.7	3286.4
50°	2960.6	3190.8	4008.6	4966.8	4849.1	4910.5	3876.5	3126.9	2915.7
52.5°	2631.7	2800.6	3362.2	4082.0	4023.8	4033.3	3303.4	2750.6	2597.5
55°	2344.6	2462.2	2870.2	3343.9	3329.9	3332.5	2822.1	2437.6	2313.0
57.5°	2093.5	2190.9	2466.7	2808.8	2788.6	2793.0	2443.9	2165.0	2084.6
60°	1881.0	1946.2	2131.4	2373.7	2360.4	2354.7	2118.2	1922.1	1894.2
62.5°	1692.5	1734.3	1862.6	2034.7	2009.3	2015.0	1862.0	1736.2	1695.0
65°	1527.4	1541.9	1632.4	1738.7	1722.2	1736.2	1637.5	1551.5	1541.9
67.5°	1366.1	1380.7	1433.8	1505.3	1486.3	1497.7	1435.1	1384.5	1376.3
70°	1219.4	1218.7	1248.5	1287.1	1287.1	1289.0	1255.4	1225.1	1231.4
72.5°	1067.7	1063.9	1072.6	1098.6	1091.7	1115.7	1080.3	1070.7	1072.0
75°	913.3	902.5	907.6	920.9	913.3	925.9	910.1	922.2	922.2
77.5°	767.8	747.5	741.3	743.2	729.2	748.2	752.0	760.2	779.2
80°	616.0	587.6	571.7	571.1	559.1	571.1	580.6	597.7	616.0
82.5°	457.2	432.6	406.0	401.0	393.4	400.3	413.0	433.2	463.0
85°	278.9	253.0	236.6	227.7	234.0	234.0	240.4	268.8	287.1
87.5°	100.6	87.9	72.1	72.8	74.6	77.1	80.3	101.2	110.7
90°	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
92.5°	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
95°	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
97.5°	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
100°	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3
102.5°	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3
105°	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3
107.5°	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3
110°	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°	112.5°	135°	157.5°	180°
112.5°	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3
115°	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3
117.5°	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3
120°	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.3
122.5°	1.9	0.6	0.0	0.0	0.0	0.0	0.0	0.6	1.9
125°	1.9	0.6	0.0	0.0	0.0	0.0	0.6	0.6	1.9
127.5°	1.9	0.6	0.0	0.0	0.0	0.0	0.6	1.3	1.9
130°	1.9	1.3	0.6	0.0	0.6	0.6	1.3	1.3	1.9
132.5°	2.5	1.9	1.9	1.3	1.3	1.9	1.9	2.5	2.5
135°	3.2	2.5	2.5	1.9	2.5	2.5	2.5	2.5	3.2
137.5°	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.8
140°	4.4	3.8	3.8	3.8	3.8	3.8	3.8	4.4	4.4
142.5°	5.1	5.1	4.4	4.4	4.4	5.1	5.1	5.1	5.7
145°	5.7	5.7	5.1	5.1	5.1	5.7	5.7	6.3	6.3
147.5°	7.6	7.0	5.7	5.7	5.7	5.7	6.3	7.0	7.6
150°	8.2	7.6	6.3	6.3	6.3	6.3	7.0	8.2	8.9
152.5°	8.9	8.2	7.0	6.3	6.3	6.3	7.6	8.2	9.5
155°	9.5	8.9	7.6	6.3	6.3	7.0	8.2	9.5	10.2
157.5°	11.4	10.2	8.9	7.6	7.6	8.2	9.5	10.8	11.4
160°	12.7	11.4	10.2	8.9	8.9	9.5	10.8	12.1	12.7
162.5°	14.0	12.7	10.8	10.2	9.5	10.2	11.4	13.3	14.0
165°	14.6	13.3	12.1	10.8	10.8	10.8	12.7	14.0	14.6
167.5°	15.1	14.6	12.7	11.4	11.4	11.4	13.3	14.6	15.1
170°	15.8	15.1	13.3	12.1	11.4	12.1	14.0	15.1	15.8
172.5°	17.0	16.4	14.6	13.3	12.7	13.3	15.1	16.4	17.0
175°	18.9	17.7	16.4	14.6	14.0	14.6	16.4	17.7	18.9
177.5°	19.6	18.3	17.0	15.1	14.6	15.1	17.0	18.3	19.6
180°	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0



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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	19.60	20.87	19.96	21.18	21.49	20.58	21.85	20.95	22.16	22.48
	3H	21.17	22.29	21.55	22.62	22.99	21.92	23.05	22.30	23.38	23.75
	4H	21.83	22.88	22.24	23.24	23.62	22.48	23.53	22.89	23.88	24.27
	6H	22.39	23.35	22.80	23.73	24.12	22.91	23.88	23.33	24.25	24.64
	8H	22.59	23.50	23.02	23.89	24.30	23.05	23.96	23.48	24.36	24.76
	12H	22.72	23.59	23.15	23.97	24.40	23.13	24.00	23.56	24.38	24.82
4H	2H	20.17	21.22	20.58	21.57	21.96	20.94	21.99	21.34	22.34	22.73
	3H	21.96	22.82	22.38	23.23	23.63	22.53	23.39	22.95	23.80	24.20
	4H	22.76	23.53	23.19	23.95	24.40	23.23	24.00	23.66	24.42	24.87
	6H	23.44	24.11	23.91	24.56	25.02	23.80	24.47	24.26	24.91	25.38
	8H	23.69	24.31	24.16	24.76	25.23	23.98	24.61	24.45	25.05	25.53
	12H	23.86	24.41	24.35	24.89	25.37	24.10	24.65	24.59	25.14	25.61
8H	4H	23.04	23.66	23.51	24.11	24.58	23.46	24.08	23.93	24.53	25.00
	6H	23.86	24.36	24.36	24.86	25.34	24.16	24.67	24.66	25.17	25.65
	8H	24.19	24.64	24.71	25.16	25.65	24.42	24.88	24.95	25.39	25.89
	12H	24.44	24.84	24.95	25.33	25.91	24.61	25.01	25.13	25.51	26.08
12H	4H	23.05	23.60	23.54	24.09	24.56	23.47	24.02	23.96	24.51	24.98
	6H	23.90	24.36	24.43	24.87	25.37	24.20	24.66	24.73	25.18	25.67
	8H	24.29	24.69	24.81	25.18	25.76	24.52	24.92	25.04	25.42	25.99

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

Report Prepared for

Cooper Lighting Solutions

Metalux

Report Number: SP1-2506-472-6

Test Date: 08/01/2025

Luminaire Tested: EHBR-60-L935-N

Data in this report applies to families of products including EHBR-60-L935-N

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2506-472-6
 Test Lab: COOPER LIGHTING SOLUTIONS
 Photometer: SP1 - 76IN SPHERE
 Measurement Geometry: 4π
 Issue Date: 08/05/2025
 Manufacturer: COOPER LIGHTING SOLUTIONS
 Product Line: Metalux
 Catalog Number: **EHBR-60-L935-N**
 Description: Elevate Round Highbay at, 60000 lumens, 3500K 90CRI LEDs with N lens

Spectral Parameters

CCT (K): 3406
 CIE u': 0.2394
 CIE v': 0.5094
 Duv: -0.0028
 CIE x: 0.4076
 CIE y: 0.3856
 CIE z: 0.2068
 Peak Wavelength (nm): 630
 Dominant Wavelength (nm): 582
 Purity: 38.0517
 Rf: 91.3
 Rg: 100

CRI (Ra):	94.6		
R1:	96.6	R9:	63.8
R2:	98.4	R10:	94.7
R3:	98.1	R11:	96.6
R4:	95.8	R12:	80.9
R5:	96.2	R13:	97.4
R6:	95.4	R14:	98.3
R7:	91.8	R15:	93.1
R8:	84.4		



Test Conditions

Stabilization Time: 35M
 Operation Time: 1H 35M
 Sphere Temperature (°C): 25.0

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Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	76INCH SPHERE IN0058	6/16/2025	12/16/2025
Power Meter	XITRON INXT2011004	1/21/2025	1/21/2026
AC Power Source	CHROMA 61603 IN0063	10/22/2024	10/22/2025
DC Power Source	AGILENT E3634A IN0208	10/22/2024	10/22/2025
Sphere Thermometer	ONSET IN0085	10/22/2024	10/22/2025
Room Thermometer	ONSET 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 3500K 4-step quadrangle

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Photopic Flux vs. Wavelength

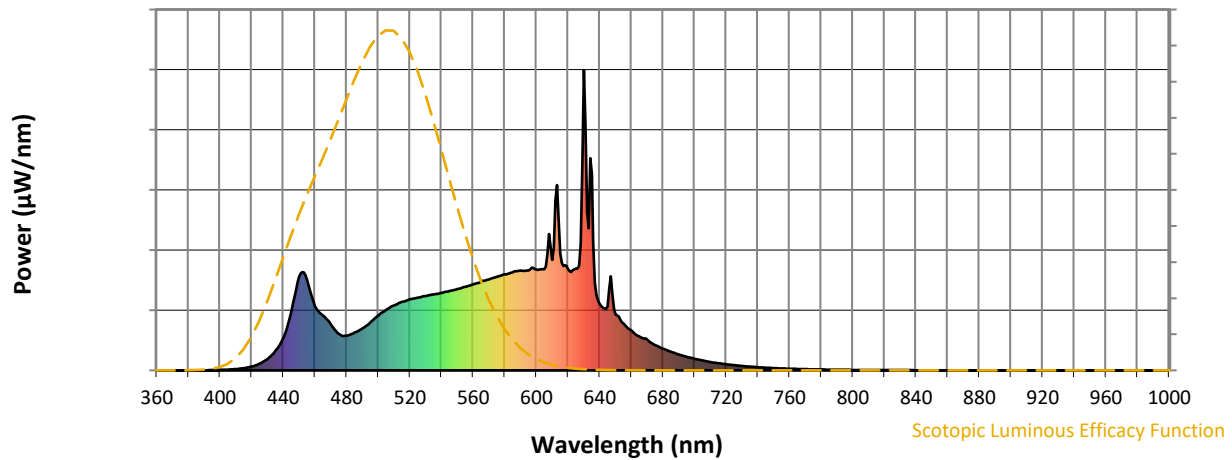


Photopic Lumens: NR

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	140	NR	620	338	NR	750	8	NR	880	0	NR
365	0	NR	495	159	NR	625	339	NR	755	7	NR	885	0	NR
370	0	NR	500	182	NR	630	1000	NR	760	5	NR	890	0	NR
375	0	NR	505	202	NR	635	653	NR	765	5	NR	895	0	NR
380	0	NR	510	216	NR	640	222	NR	770	4	NR	900	0	NR
385	0	NR	515	228	NR	645	214	NR	775	3	NR	905	0	NR
390	0	NR	520	236	NR	650	185	NR	780	3	NR	910	0	NR
395	1	NR	525	242	NR	655	157	NR	785	3	NR	915	0	NR
400	2	NR	530	248	NR	660	133	NR	790	2	NR	920	0	NR
405	3	NR	535	253	NR	665	113	NR	795	2	NR	925	0	NR
410	4	NR	540	258	NR	670	103	NR	800	2	NR	930	0	NR
415	7	NR	545	264	NR	675	85	NR	805	1	NR	935	0	NR
420	13	NR	550	270	NR	680	72	NR	810	1	NR	940	0	NR
425	22	NR	555	278	NR	685	62	NR	815	1	NR	945	0	NR
430	38	NR	560	286	NR	690	53	NR	820	1	NR	950	0	NR
435	65	NR	565	295	NR	695	45	NR	825	1	NR	955	0	NR
440	108	NR	570	303	NR	700	39	NR	830	1	NR	960	0	NR
445	193	NR	575	311	NR	705	33	NR	835	1	NR	965	0	NR
450	312	NR	580	319	NR	710	28	NR	840	1	NR	970	0	NR
455	300	NR	585	326	NR	715	24	NR	845	0	NR	975	0	NR
460	214	NR	590	332	NR	720	20	NR	850	0	NR	980	0	NR
465	184	NR	595	333	NR	725	17	NR	855	0	NR	985	0	NR
470	153	NR	600	336	NR	730	15	NR	860	0	NR	990	0	NR
475	122	NR	605	337	NR	735	12	NR	865	0	NR	995	0	NR
480	115	NR	610	367	NR	740	10	NR	870	0	NR	1000	0	NR
485	125	NR	615	390	NR	745	9	NR	875	0	NR			

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Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.62

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	140	NR	620	338	NR	750	8	NR	880	0	NR
365	0	NR	495	159	NR	625	339	NR	755	7	NR	885	0	NR
370	0	NR	500	182	NR	630	1000	NR	760	5	NR	890	0	NR
375	0	NR	505	202	NR	635	653	NR	765	5	NR	895	0	NR
380	0	NR	510	216	NR	640	222	NR	770	4	NR	900	0	NR
385	0	NR	515	228	NR	645	214	NR	775	3	NR	905	0	NR
390	0	NR	520	236	NR	650	185	NR	780	3	NR	910	0	NR
395	1	NR	525	242	NR	655	157	NR	785	3	NR	915	0	NR
400	2	NR	530	248	NR	660	133	NR	790	2	NR	920	0	NR
405	3	NR	535	253	NR	665	113	NR	795	2	NR	925	0	NR
410	4	NR	540	258	NR	670	103	NR	800	2	NR	930	0	NR
415	7	NR	545	264	NR	675	85	NR	805	1	NR	935	0	NR
420	13	NR	550	270	NR	680	72	NR	810	1	NR	940	0	NR
425	22	NR	555	278	NR	685	62	NR	815	1	NR	945	0	NR
430	38	NR	560	286	NR	690	53	NR	820	1	NR	950	0	NR
435	65	NR	565	295	NR	695	45	NR	825	1	NR	955	0	NR
440	108	NR	570	303	NR	700	39	NR	830	1	NR	960	0	NR
445	193	NR	575	311	NR	705	33	NR	835	1	NR	965	0	NR
450	312	NR	580	319	NR	710	28	NR	840	1	NR	970	0	NR
455	300	NR	585	326	NR	715	24	NR	845	0	NR	975	0	NR
460	214	NR	590	332	NR	720	20	NR	850	0	NR	980	0	NR
465	184	NR	595	333	NR	725	17	NR	855	0	NR	985	0	NR
470	153	NR	600	336	NR	730	15	NR	860	0	NR	990	0	NR
475	122	NR	605	337	NR	735	12	NR	865	0	NR	995	0	NR
480	115	NR	610	367	NR	740	10	NR	870	0	NR	1000	0	NR
485	125	NR	615	390	NR	745	9	NR	875	0	NR			

REPORT NUMBER: SP1-2506-472-6

Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.3

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	140	NR	620	338	NR	750	8	NR	880	0	NR
365	0	NR	495	159	NR	625	339	NR	755	7	NR	885	0	NR
370	0	NR	500	182	NR	630	1000	NR	760	5	NR	890	0	NR
375	0	NR	505	202	NR	635	653	NR	765	5	NR	895	0	NR
380	0	NR	510	216	NR	640	222	NR	770	4	NR	900	0	NR
385	0	NR	515	228	NR	645	214	NR	775	3	NR	905	0	NR
390	0	NR	520	236	NR	650	185	NR	780	3	NR	910	0	NR
395	1	NR	525	242	NR	655	157	NR	785	3	NR	915	0	NR
400	2	NR	530	248	NR	660	133	NR	790	2	NR	920	0	NR
405	3	NR	535	253	NR	665	113	NR	795	2	NR	925	0	NR
410	4	NR	540	258	NR	670	103	NR	800	2	NR	930	0	NR
415	7	NR	545	264	NR	675	85	NR	805	1	NR	935	0	NR
420	13	NR	550	270	NR	680	72	NR	810	1	NR	940	0	NR
425	22	NR	555	278	NR	685	62	NR	815	1	NR	945	0	NR
430	38	NR	560	286	NR	690	53	NR	820	1	NR	950	0	NR
435	65	NR	565	295	NR	695	45	NR	825	1	NR	955	0	NR
440	108	NR	570	303	NR	700	39	NR	830	1	NR	960	0	NR
445	193	NR	575	311	NR	705	33	NR	835	1	NR	965	0	NR
450	312	NR	580	319	NR	710	28	NR	840	1	NR	970	0	NR
455	300	NR	585	326	NR	715	24	NR	845	0	NR	975	0	NR
460	214	NR	590	332	NR	720	20	NR	850	0	NR	980	0	NR
465	184	NR	595	333	NR	725	17	NR	855	0	NR	985	0	NR
470	153	NR	600	336	NR	730	15	NR	860	0	NR	990	0	NR
475	122	NR	605	337	NR	735	12	NR	865	0	NR	995	0	NR
480	115	NR	610	367	NR	740	10	NR	870	0	NR	1000	0	NR
485	125	NR	615	390	NR	745	9	NR	875	0	NR			

Summary

$R_f = 91.3$
 $R_g = 100$
 $CIE R_a = 94.6$
 $R_9 = 63.8$



Color Vector Graphics



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

CES01 = 86	CES26 = 94	CES51 = 97	CES76 = 90
CES02 = 63	CES27 = 92	CES52 = 98	CES77 = 86
CES03 = 31	CES28 = 97	CES53 = 98	CES78 = 86
CES04 = 70	CES29 = 97	CES54 = 93	CES79 = 90
CES05 = 50	CES30 = 92	CES55 = 92	CES80 = 91
CES06 = 51	CES31 = 97	CES56 = 96	CES81 = 74
CES07 = 43	CES32 = 89	CES57 = 94	CES82 = 96
CES08 = 41	CES33 = 99	CES58 = 95	CES83 = 94
CES09 = 29	CES34 = 94	CES59 = 98	CES84 = 95
CES10 = 75	CES35 = 97	CES60 = 92	CES85 = 79
CES11 = 58	CES36 = 81	CES61 = 93	CES86 = 79
CES12 = 64	CES37 = 96	CES62 = 86	CES87 = 92
CES13 = 44	CES38 = 87	CES63 = 94	CES88 = 98
CES14 = 74	CES39 = 99	CES64 = 91	CES89 = 84
CES15 = 72	CES40 = 97	CES65 = 90	CES90 = 96
CES16 = 48	CES41 = 96	CES66 = 89	CES91 = 75
CES17 = 49	CES42 = 94	CES67 = 88	CES92 = 76
CES18 = 56	CES43 = 93	CES68 = 89	CES93 = 86
CES19 = 71	CES44 = 99	CES69 = 90	CES94 = 74
CES20 = 67	CES45 = 97	CES70 = 88	CES95 = 83
CES21 = 86	CES46 = 97	CES71 = 83	CES96 = 92
CES22 = 78	CES47 = 91	CES72 = 94	CES97 = 96
CES23 = 91	CES48 = 91	CES73 = 83	CES98 = 95
CES24 = 90	CES49 = 96	CES74 = 90	CES99 = 92
CES25 = 71	CES50 = 98	CES75 = 85	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)