

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: P321431

Luminaire Tested: **GLEON-SA7A-830-U-T2R-HSS**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P321431
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-205-9)
Test Lab: INNOVATION CENTER
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: McGRAW-EDISON
Catalog Number: GLEON-SA7A-830-U-T2R-HSS
Description: GALLEON AREA AND ROADWAY LUMINAIRE
(7) 80 CRI, 3000K, 615mA LIGHTSQUARES WITH 16 LEDS EACH AND TYPE II
ROADWAY OPTICS WITH HOUSE SIDE SHIELD
Light Source: -
Ballast/Driver: ELECTRONIC DRIVER

Summary

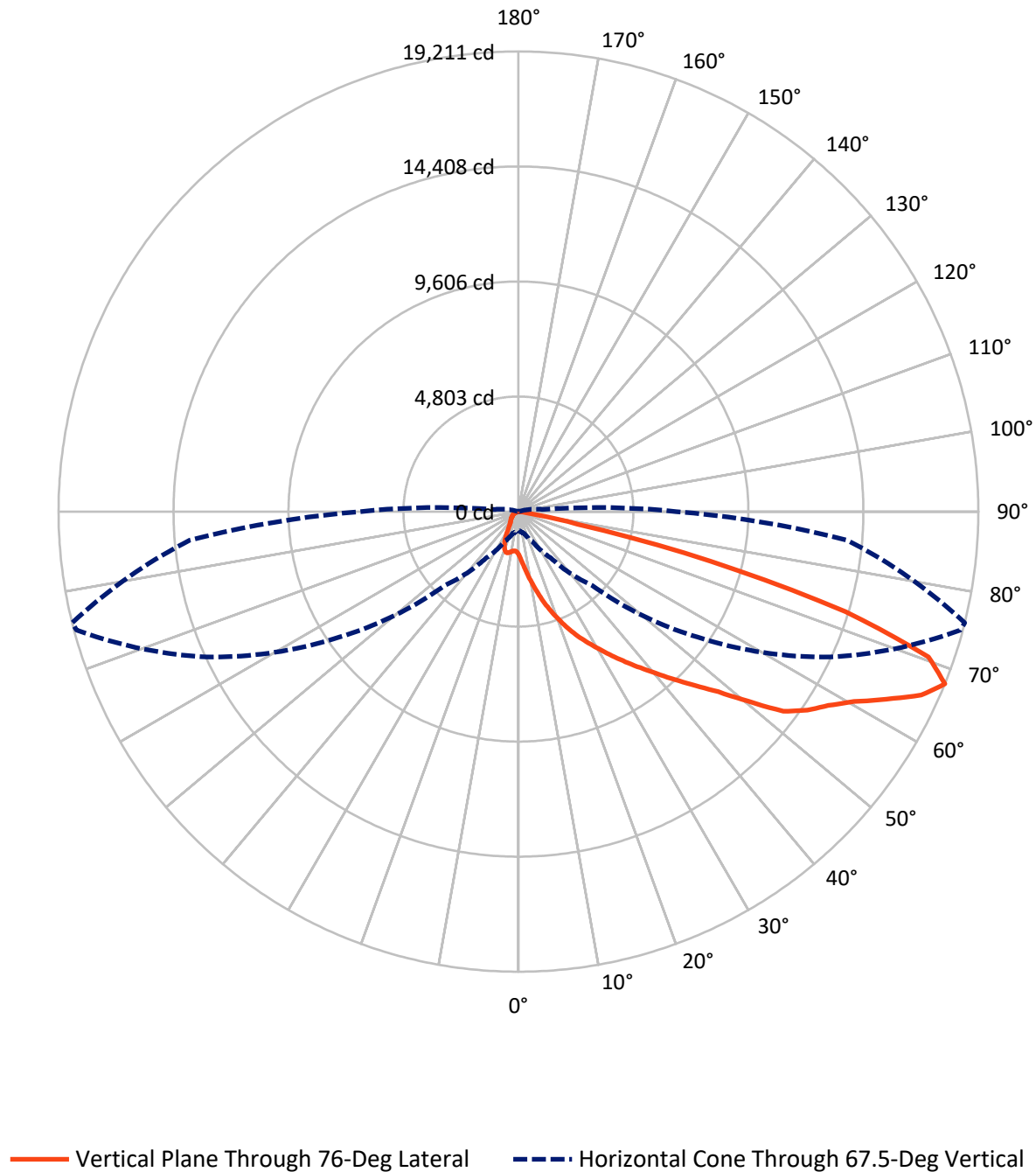
Lumens per Lamp: N/A
Luminaire Lumens: 21143 lumens
Efficiency: N/A
Efficacy: 93.6 lumens/watt
Luminous Opening: Rectangular (W 2' x L: 1' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B1 - U0 - G3

Input Watts (W): 226
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: 24 FT



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Luminous Intensity Polar Plot



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FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	1049.9	0.0	1049.9
	% Fixture	5.0	0.0	5.0
Street Side	Lumens	20093.1	0.0	20093.1
	% Fixture	95.0	0.0	95.0
Total	Lumens	21143.0	0.0	21143.0
	% Fixture	100.0	0.0	100.0

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	223.0	1.1
10°-20°	884.1	4.2
20°-30°	1798.8	8.5
30°-40°	3122.2	14.8
40°-50°	4411.3	20.9
50°-60°	5002.6	23.7
60°-70°	4149.2	19.6
70°-80°	1503.0	7.1
80°-90°	48.7	0.2
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°	21143.0	100.0
0°-180°	21143.0	100.0

Coefficient of Utilization



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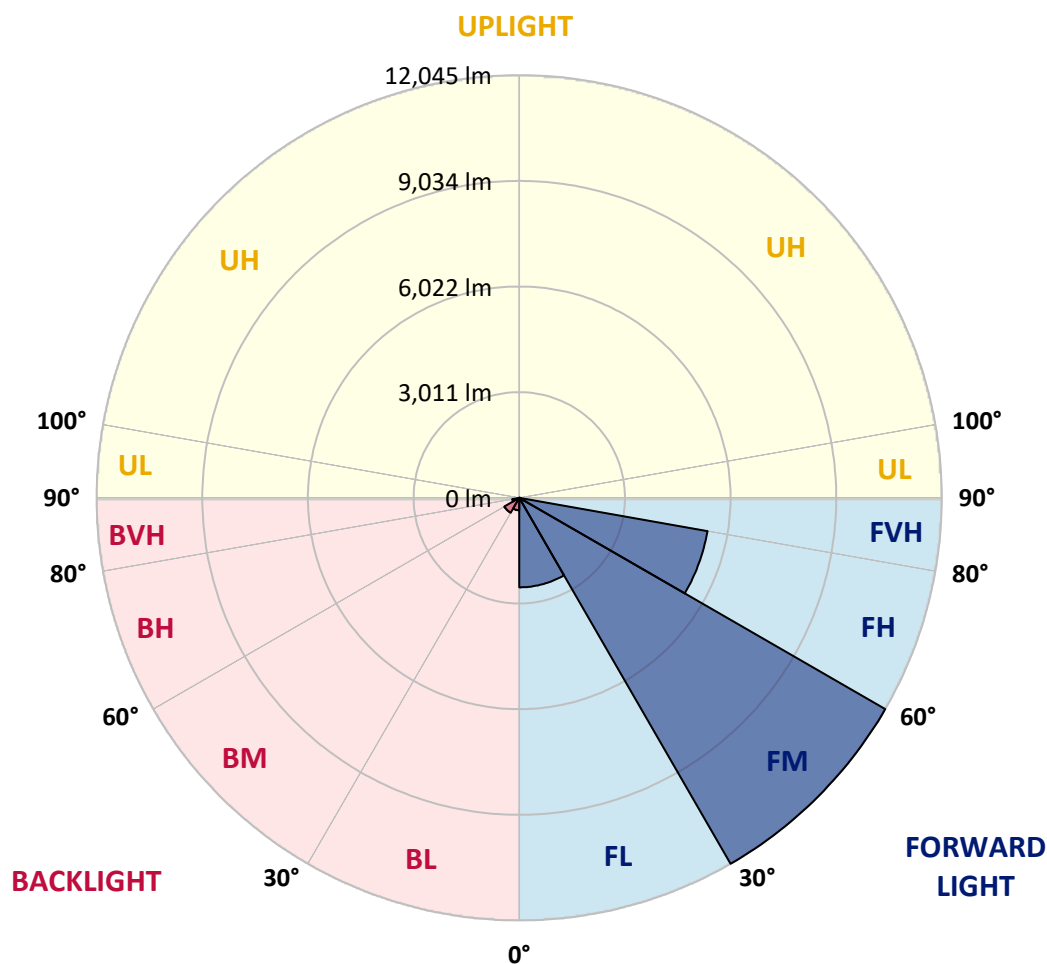
CATALOG NUMBER: GLEON-SA7A-830-U-T2R-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone		Lumens	% Fixture	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	2551.9	12.1			
FM	(30°-60°)	12044.7	57.0			
FH	(60°-80°)	5449.3	25.8			G3/7500
FVH	(80°-90°)	47.2	0.2			G1/100
BL	(0°-30°)	354.1	1.7	B1/500		
BM	(30°-60°)	491.4	2.3	B1/1000		
BH	(60°-80°)	202.9	1.0	B1/500		G1/500
BVH	(80°-90°)	1.5	0.0			G0/10
UL	(90°-100°)	0.0	0.0		U0/0	
UH	(100°-180°)	0.0	0.0		U0/0	

BUG Rating: B1-U0-G3

Type II Medium





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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	76°	85°
0°	1793.5	1793.5	1793.5	1793.5	1793.5	1793.5	1793.5	1793.5	1793.5	1793.5	1793.5
2.5°	2677.3	2617.1	2631.0	2592.1	2521.7	2377.2	2254.0	2137.2	2001.1	1996.4	1884.3
5°	3610.2	3559.3	3552.8	3474.1	3346.2	3100.7	2861.7	2589.3	2285.5	2263.2	2025.1
7.5°	4457.0	4416.2	4401.4	4307.8	4069.7	3830.7	3519.4	3119.2	2644.0	2603.2	2215.1
10°	5107.3	5087.9	5091.6	5024.9	4821.1	4598.7	4190.2	3679.7	3050.7	2987.7	2443.0
12.5°	5600.2	5604.8	5638.2	5597.4	5483.4	5318.5	4882.2	4277.3	3500.9	3414.8	2703.3
15°	5962.4	5985.6	6046.7	6097.7	6089.3	5946.7	5546.4	4884.1	3979.0	3883.5	2993.2
17.5°	6196.8	6222.7	6311.7	6424.7	6528.4	6495.1	6187.5	5469.6	4462.5	4352.3	3303.6
20°	6402.5	6433.0	6528.4	6677.6	6871.2	6912.9	6710.9	6037.4	4945.2	4810.9	3624.1
22.5°	6848.1	6847.1	6905.5	6992.6	7176.9	7284.4	7156.6	6564.6	5422.3	5282.4	3951.2
25°	7654.0	7623.5	7603.1	7534.5	7575.3	7642.0	7570.7	7057.4	5902.2	5760.4	4282.8
27.5°	8612.0	8630.5	8465.6	8281.2	8138.6	8070.0	7953.3	7514.1	6363.5	6207.9	4607.1
30°	9622.7	9628.2	9433.7	9198.4	8884.3	8624.0	8422.0	7950.5	6837.9	6668.3	4922.0
32.5°	10534.3	10498.1	10305.4	9984.9	9588.4	9295.6	8876.0	8437.8	7340.0	7176.0	5272.2
35°	11256.9	11214.2	10979.9	10688.0	10276.7	9982.1	9477.2	8924.2	7868.0	7707.8	5623.3
37.5°	11784.9	11734.9	11494.0	11193.9	10839.1	10667.7	10174.8	9453.1	8444.3	8272.0	5993.0
40°	11968.4	11924.8	11773.8	11554.2	11268.9	11230.0	10915.0	10061.8	9071.5	8888.0	6411.7
42.5°	11859.0	11816.4	11762.7	11688.6	11570.0	11607.0	11613.5	10755.7	9768.1	9587.5	6874.0
45°	11425.5	11387.5	11443.1	11551.5	11698.8	11882.2	12250.9	11501.4	10546.3	10353.6	7408.5
47.5°	10787.2	10759.4	10913.2	11183.7	11614.5	12120.3	12833.6	12285.2	11419.9	11241.1	8075.6
50°	9879.3	9874.7	10182.2	10676.0	11338.4	12235.2	13435.8	13176.4	12633.5	12445.5	9002.9
52.5°	8465.6	8474.8	9079.8	9870.0	10853.9	12157.3	13823.0	14321.4	14045.4	13849.9	9806.1
55°	7119.5	7175.1	7604.0	8743.5	10110.9	11868.3	13956.4	14856.0	14824.5	14639.2	10252.6
57.5°	5801.2	5902.2	6315.4	7379.8	9026.1	11202.2	13883.2	15087.6	15404.4	15262.7	10841.8
60°	4372.7	4419.0	4895.2	5890.1	7633.7	9986.7	13352.4	15213.6	16197.4	16099.2	11696.9
62.5°	2782.0	2897.8	3320.3	4280.0	5943.9	8298.8	12457.5	15211.7	17189.6	17243.4	12800.3
65°	1465.6	1600.8	1825.0	2652.3	4084.6	6413.6	11111.4	15069.1	18406.9	18482.0	13662.8
67.5°	790.2	829.1	947.7	1376.7	2368.8	4344.9	9133.5	14365.0	19111.9	19211.1	13783.2
70°	578.1	599.4	643.9	761.5	1192.3	2523.6	6664.6	12768.8	18203.1	18166.1	12246.3
72.5°	443.8	477.1	510.5	557.7	685.5	1347.0	4149.4	9998.8	14524.3	14279.8	9153.9
75°	350.2	355.7	403.0	445.6	514.2	767.1	1842.6	5823.4	8864.9	8285.9	4746.9
77.5°	279.8	283.5	311.3	348.3	413.2	504.0	570.7	2291.0	2830.2	2525.4	1030.2
80°	165.8	175.1	231.6	268.7	342.8	317.8	208.4	497.5	441.9	400.2	173.2
82.5°	92.6	100.1	130.6	212.1	239.0	151.9	103.8	134.3	103.8	101.0	49.1
85°	0.0	4.6	84.3	131.6	97.3	33.4	43.5	44.5	30.6	28.7	19.5
87.5°	0.0	0.0	25.9	25.0	3.7	5.6	10.2	14.8	12.0	12.0	10.2
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: GLEON-SA7A-830-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	1793.5	1793.5	1793.5	1793.5	1793.5	1793.5	1793.5	1793.5	1793.5	1793.5	1793.5
2.5°	1828.7	1778.7	1684.2	1591.6	1513.8	1449.8	1392.4	1369.2	1350.7	1347.9	1333.1
5°	1910.3	1809.3	1628.6	1480.4	1381.3	1310.9	1250.7	1213.6	1184.9	1173.8	1163.6
7.5°	2033.5	1880.6	1621.2	1450.8	1332.2	1213.6	1102.4	982.0	907.0	878.2	861.6
10°	2183.6	1975.1	1649.0	1442.4	1234.9	984.8	800.4	647.6	585.5	565.1	559.6
12.5°	2358.7	2092.8	1697.2	1390.5	1027.4	699.4	552.1	500.3	486.4	479.9	479.9
15°	2559.7	2221.5	1731.5	1240.5	759.7	529.0	478.0	453.9	439.1	430.8	431.7
17.5°	2765.3	2347.5	1714.8	1022.8	560.5	470.6	432.6	406.7	386.3	378.0	376.1
20°	2972.9	2464.3	1622.2	761.5	474.3	427.1	384.5	355.7	335.4	327.0	325.2
22.5°	3187.8	2563.4	1459.1	558.6	426.2	378.9	337.2	308.5	289.0	281.6	277.9
25°	3397.2	2644.0	1231.2	452.1	380.8	333.5	293.7	266.8	249.2	241.8	240.9
27.5°	3592.6	2694.9	967.2	399.3	340.9	292.7	256.6	232.5	217.7	212.1	211.2
30°	3768.7	2699.6	715.2	360.4	305.7	257.5	224.2	202.9	189.9	184.4	182.5
32.5°	3946.5	2660.7	520.6	325.2	273.3	227.0	194.5	177.9	168.6	164.0	164.0
35°	4114.2	2570.8	405.8	294.6	241.8	197.3	171.4	159.3	153.8	149.2	149.2
37.5°	4278.2	2442.0	344.6	267.7	212.1	172.3	151.0	143.6	139.0	134.3	134.3
40°	4444.9	2279.9	313.1	242.7	188.1	152.9	134.3	127.8	123.2	119.5	118.6
42.5°	4649.7	2092.8	292.7	219.6	166.8	135.3	118.6	111.2	107.5	103.8	101.9
45°	4886.8	1931.6	276.1	196.4	149.2	120.4	102.8	95.4	89.9	85.2	84.3
47.5°	5228.7	1814.8	253.8	171.4	132.5	104.7	88.9	80.6	72.3	67.6	66.7
50°	5665.0	1718.5	225.1	149.2	115.8	88.9	74.1	63.9	56.5	51.9	51.9
52.5°	5881.8	1592.5	199.2	129.7	97.3	75.0	60.2	48.2	44.5	39.8	39.8
55°	5968.9	1496.2	173.2	110.2	80.6	62.1	47.2	37.1	34.3	31.5	30.6
57.5°	6213.5	1468.4	151.0	93.6	66.7	49.1	36.1	27.8	25.9	22.2	22.2
60°	6607.2	1482.3	130.6	79.7	53.7	38.0	26.9	21.3	19.5	15.7	15.7
62.5°	7032.4	1464.7	110.2	68.6	41.7	27.8	18.5	15.7	15.7	9.3	8.3
65°	7113.9	1304.4	94.5	56.5	32.4	20.4	12.0	10.2	13.9	1.9	0.0
67.5°	6602.6	1011.6	81.5	43.5	24.1	15.7	9.3	4.6	12.0	0.0	0.0
70°	5279.6	642.9	65.8	31.5	18.5	13.0	7.4	1.9	9.3	0.0	0.0
72.5°	3733.5	373.3	51.9	22.2	15.7	10.2	5.6	0.0	5.6	0.0	0.0
75°	1888.0	199.2	32.4	16.7	12.0	7.4	3.7	0.0	0.9	0.0	0.0
77.5°	408.5	92.6	20.4	12.0	8.3	4.6	1.9	0.0	0.0	0.0	0.0
80°	88.9	40.8	13.0	7.4	4.6	2.8	0.0	0.0	0.0	0.0	0.0
82.5°	32.4	21.3	6.5	3.7	1.9	0.0	0.0	0.0	0.0	0.0	0.0
85°	17.6	11.1	3.7	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	9.3	3.7	0.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
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: SP1-2408-195-9

Test Date: 08/07/2024

Luminaire Tested: GALN-SB1A-830-U-5WQ

Data in this report applies to families of products including GALN-SB1A-830-U-5WQ.

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2408-195-9
 Test Lab: COOPER LIGHTING SOLUTIONS
 Photometer: SP1 - 76IN SPHERE
 Measurement Geometry: 4π
 Issue Date: 08/07/2024
 Manufacturer: COOPER LIGHTING SOLUTIONS
 Product Line: MCGRAW EDISON
 Catalog Number: **GALN-SB1A-830-U-5WQ**
 Description: GALLEON AREA AND ROADWAY LUMINAIRE. (1) 80 CRI, 3000K, 350MA HIGH DENSITY LIGHTSQUARE WITH 26 LEDS AND TYPE V WIDE OPTICS

Spectral Parameters

CCT (K): 3050
 CIE u' : 0.2476
 CIE v' : 0.5251
 Duv: 0.0034
 CIE x: 0.4383
 CIE y: 0.4131
 CIE z: 0.1487
 Peak Wavelength (nm): 603
 Dominant Wavelength (nm): 581
 Purity: 55.55201
 R_f: 81.5
 R_g: 99.2

CRI (Ra): 81.0
 R1: 79.6
 R2: 85.6
 R3: 92.0
 R4: 82.6
 R5: 78.9
 R6: 81.7
 R7: 85.2
 R8: 62.0
 R9: 7.1
 R10: 67.0
 R11: 82.7
 R12: 63.2
 R13: 80.3
 R14: 95.0
 R15: 71.7



Test Conditions

Stabilization Time: 20M
 Operation Time: 1H 20M
 Sphere Temperature (°C): 24.2

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Measurement and Test Equipment			
Instrument	Identification Number	Calibration Date	Calibration Due Date
Photometer	IN0058	6/18/2024	12/18/2024
Power Meter	INXT2011004	2/8/2024	2/8/2025
AC Power Source	IN0063	10/24/2023	10/24/2024
DC Power Source	IN0208	10/24/2023	10/24/2024
Sphere Thermometer	IN0085	10/24/2023	10/24/2024
Room Thermometer	IN0046	10/24/2023	10/24/2024

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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 3000K 4-step quadrangle

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Photopic Flux vs. Wavelength



Photopic Lumens: NR

λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)	λ (nm)	Power W ^λ /nm	Lumens (φ/nm)
360	0	NR	490	168	NR	620	940	NR	750	35	NR	880	1	NR
365	0	NR	495	233	NR	625	897	NR	755	30	NR	885	1	NR
370	0	NR	500	300	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	372	NR	635	790	NR	765	22	NR	895	1	NR
380	0	NR	510	430	NR	640	730	NR	770	19	NR	900	1	NR
385	0	NR	515	483	NR	645	668	NR	775	16	NR	905	1	NR
390	0	NR	520	524	NR	650	605	NR	780	14	NR	910	0	NR
395	2	NR	525	555	NR	655	545	NR	785	12	NR	915	0	NR
400	4	NR	530	581	NR	660	485	NR	790	10	NR	920	0	NR
405	7	NR	535	604	NR	665	430	NR	795	9	NR	925	0	NR
410	17	NR	540	623	NR	670	378	NR	800	8	NR	930	0	NR
415	34	NR	545	645	NR	675	331	NR	805	7	NR	935	0	NR
420	68	NR	550	667	NR	680	290	NR	810	6	NR	940	0	NR
425	128	NR	555	693	NR	685	251	NR	815	5	NR	945	0	NR
430	214	NR	560	719	NR	690	218	NR	820	4	NR	950	0	NR
435	339	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	507	NR	570	791	NR	700	162	NR	830	3	NR	960	0	NR
445	573	NR	575	830	NR	705	139	NR	835	3	NR	965	0	NR
450	356	NR	580	873	NR	710	119	NR	840	3	NR	970	0	NR
455	217	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	168	NR	590	948	NR	720	88	NR	850	2	NR	980	0	NR
465	113	NR	595	974	NR	725	76	NR	855	2	NR	985	0	NR
470	85	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	85	NR	605	998	NR	735	55	NR	865	1	NR	995	0	NR
480	94	NR	610	994	NR	740	47	NR	870	1	NR	1000	0	NR
485	120	NR	615	973	NR	745	41	NR	875	1	NR			

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Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.27

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	168	NR	620	940	NR	750	35	NR	880	1	NR
365	0	NR	495	233	NR	625	897	NR	755	30	NR	885	1	NR
370	0	NR	500	300	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	372	NR	635	790	NR	765	22	NR	895	1	NR
380	0	NR	510	430	NR	640	730	NR	770	19	NR	900	1	NR
385	0	NR	515	483	NR	645	668	NR	775	16	NR	905	1	NR
390	0	NR	520	524	NR	650	605	NR	780	14	NR	910	0	NR
395	2	NR	525	555	NR	655	545	NR	785	12	NR	915	0	NR
400	4	NR	530	581	NR	660	485	NR	790	10	NR	920	0	NR
405	7	NR	535	604	NR	665	430	NR	795	9	NR	925	0	NR
410	17	NR	540	623	NR	670	378	NR	800	8	NR	930	0	NR
415	34	NR	545	645	NR	675	331	NR	805	7	NR	935	0	NR
420	68	NR	550	667	NR	680	290	NR	810	6	NR	940	0	NR
425	128	NR	555	693	NR	685	251	NR	815	5	NR	945	0	NR
430	214	NR	560	719	NR	690	218	NR	820	4	NR	950	0	NR
435	339	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	507	NR	570	791	NR	700	162	NR	830	3	NR	960	0	NR
445	573	NR	575	830	NR	705	139	NR	835	3	NR	965	0	NR
450	356	NR	580	873	NR	710	119	NR	840	3	NR	970	0	NR
455	217	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	168	NR	590	948	NR	720	88	NR	850	2	NR	980	0	NR
465	113	NR	595	974	NR	725	76	NR	855	2	NR	985	0	NR
470	85	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	85	NR	605	998	NR	735	55	NR	865	1	NR	995	0	NR
480	94	NR	610	994	NR	740	47	NR	870	1	NR	1000	0	NR
485	120	NR	615	973	NR	745	41	NR	875	1	NR			

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Melanopic Flux vs. Wavelength


Melanopic Lumens: NR
M/P: 2.32

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	168	NR	620	940	NR	750	35	NR	880	1	NR
365	0	NR	495	233	NR	625	897	NR	755	30	NR	885	1	NR
370	0	NR	500	300	NR	630	847	NR	760	26	NR	890	1	NR
375	0	NR	505	372	NR	635	790	NR	765	22	NR	895	1	NR
380	0	NR	510	430	NR	640	730	NR	770	19	NR	900	1	NR
385	0	NR	515	483	NR	645	668	NR	775	16	NR	905	1	NR
390	0	NR	520	524	NR	650	605	NR	780	14	NR	910	0	NR
395	2	NR	525	555	NR	655	545	NR	785	12	NR	915	0	NR
400	4	NR	530	581	NR	660	485	NR	790	10	NR	920	0	NR
405	7	NR	535	604	NR	665	430	NR	795	9	NR	925	0	NR
410	17	NR	540	623	NR	670	378	NR	800	8	NR	930	0	NR
415	34	NR	545	645	NR	675	331	NR	805	7	NR	935	0	NR
420	68	NR	550	667	NR	680	290	NR	810	6	NR	940	0	NR
425	128	NR	555	693	NR	685	251	NR	815	5	NR	945	0	NR
430	214	NR	560	719	NR	690	218	NR	820	4	NR	950	0	NR
435	339	NR	565	754	NR	695	188	NR	825	4	NR	955	0	NR
440	507	NR	570	791	NR	700	162	NR	830	3	NR	960	0	NR
445	573	NR	575	830	NR	705	139	NR	835	3	NR	965	0	NR
450	356	NR	580	873	NR	710	119	NR	840	3	NR	970	0	NR
455	217	NR	585	913	NR	715	102	NR	845	2	NR	975	0	NR
460	168	NR	590	948	NR	720	88	NR	850	2	NR	980	0	NR
465	113	NR	595	974	NR	725	76	NR	855	2	NR	985	0	NR
470	85	NR	600	994	NR	730	65	NR	860	1	NR	990	0	NR
475	85	NR	605	998	NR	735	55	NR	865	1	NR	995	0	NR
480	94	NR	610	994	NR	740	47	NR	870	1	NR	1000	0	NR
485	120	NR	615	973	NR	745	41	NR	875	1	NR			

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TM-30-18

Summary

$R_f = 81.5$
 $R_g = 99.2$
 $CIE R_a = 81.0$
 $R_g = 7.1$



Color Vector Graphics



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

CES01 = 86	CES26 = 74	CES51 = 89	CES76 = 70
CES02 = 63	CES27 = 88	CES52 = 92	CES77 = 86
CES03 = 31	CES28 = 89	CES53 = 81	CES78 = 72
CES04 = 70	CES29 = 67	CES54 = 87	CES79 = 90
CES05 = 50	CES30 = 68	CES55 = 85	CES80 = 88
CES06 = 51	CES31 = 71	CES56 = 78	CES81 = 78
CES07 = 42	CES32 = 70	CES57 = 76	CES82 = 95
CES08 = 41	CES33 = 71	CES58 = 78	CES83 = 90
CES09 = 29	CES34 = 82	CES59 = 92	CES84 = 94
CES10 = 76	CES35 = 90	CES60 = 95	CES85 = 86
CES11 = 59	CES36 = 93	CES61 = 93	CES86 = 72
CES12 = 65	CES37 = 87	CES62 = 83	CES87 = 85
CES13 = 43	CES38 = 75	CES63 = 77	CES88 = 83
CES14 = 74	CES39 = 94	CES64 = 83	CES89 = 75
CES15 = 71	CES40 = 89	CES65 = 77	CES90 = 81
CES16 = 47	CES41 = 85	CES66 = 80	CES91 = 96
CES17 = 50	CES42 = 86	CES67 = 79	CES92 = 73
CES18 = 56	CES43 = 81	CES68 = 84	CES93 = 84
CES19 = 72	CES44 = 99	CES69 = 91	CES94 = 64
CES20 = 66	CES45 = 87	CES70 = 78	CES95 = 80
CES21 = 87	CES46 = 82	CES71 = 76	CES96 = 84
CES22 = 79	CES47 = 77	CES72 = 92	CES97 = 87
CES23 = 92	CES48 = 71	CES73 = 71	CES98 = 81
CES24 = 91	CES49 = 81	CES74 = 93	CES99 = 74
CES25 = 72	CES50 = 89	CES75 = 74	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)