

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: IRiS

Report Number: P1254127

Luminaire Tested: P3A05R709035DE010 E3LSWW1H

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1254127
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R709035DE010 E3LSWW1H
Description: 3in Adjustable LED luminaire with, R70 optic, 3500K CCT AND, 90CRI , E3LSWW1H TRIM
Light Source: -
Ballast/Driver: -

Summary

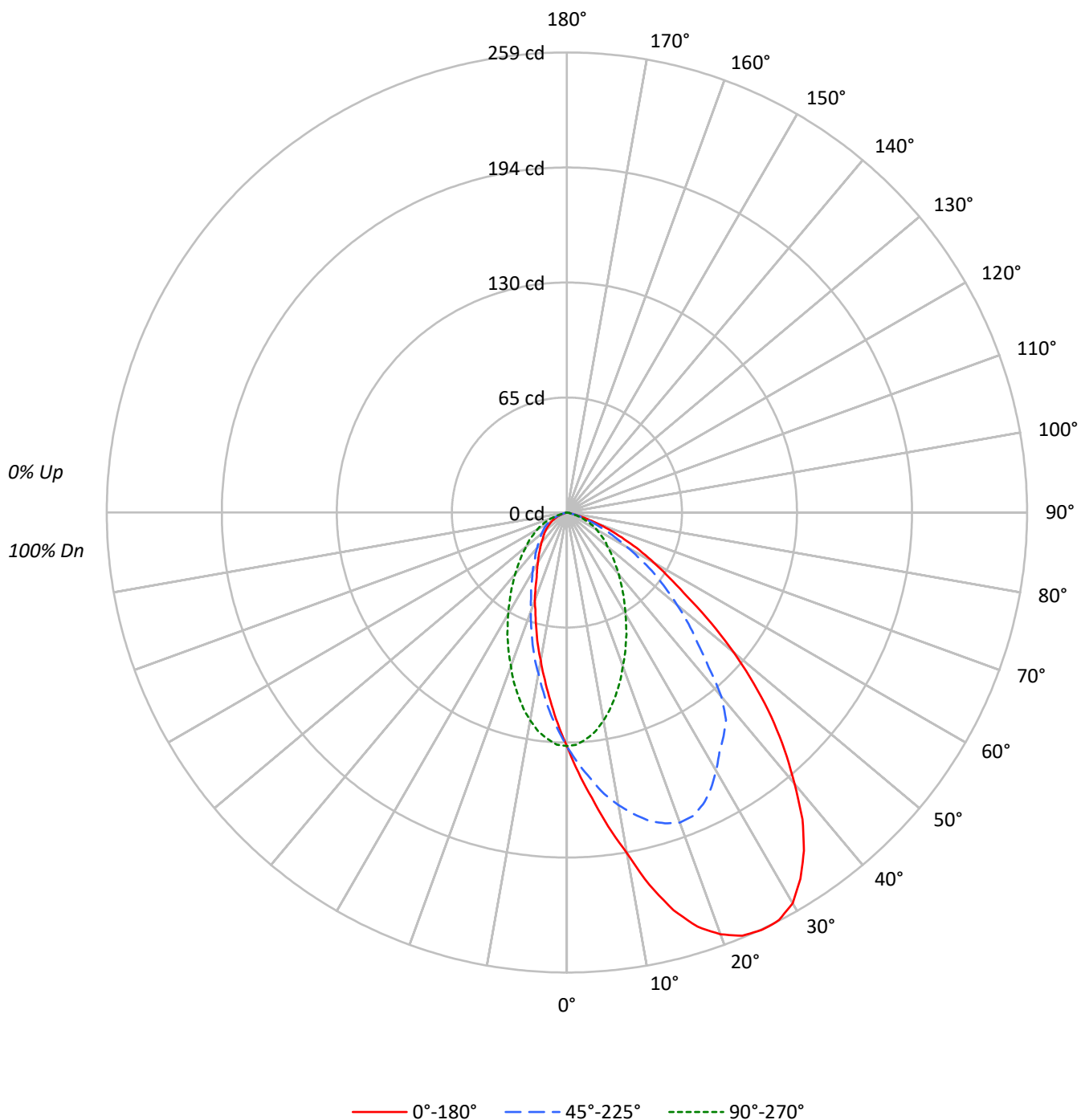
Lumens per Lamp: N/A
Luminaire Lumens: 262.0 lumens
Efficiency: N/A
Efficacy: 36.4 lumens/watt
Spacing Criteria (0/90/45): 1.47 / 0.85 / 1.23
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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: 24 FT

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CATALOG NUMBER: P3A05R709035DE010 E3LSWW1H

Luminous Intensity Polar Plot



TEST NUMBER: P1254127

CATALOG NUMBER: P3A05R709035DE010 E3LSWW1H

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	100
1	111	108	104	101	109	105	102	100	101	99	96	97	95	94	94	92	91	91	91	89
2	103	96	91	86	101	95	89	85	91	87	83	88	85	81	85	82	80	80	80	78
3	95	87	80	74	93	85	79	74	82	77	72	80	75	71	77	73	70	70	70	68
4	88	78	70	65	86	77	70	64	74	68	63	72	67	63	70	66	62	62	62	60
5	82	71	63	57	80	70	62	57	68	61	56	66	60	56	64	59	55	55	55	53
6	76	64	56	51	74	63	56	51	62	55	50	60	54	50	59	53	49	49	49	47
7	71	59	51	45	69	58	51	45	57	50	45	55	49	45	54	49	44	44	44	43
8	66	54	46	41	65	53	46	41	52	46	41	51	45	41	50	44	40	40	40	39
9	62	50	42	37	61	49	42	37	48	42	37	47	41	37	46	41	37	37	37	35
10	59	46	39	34	57	46	39	34	45	38	34	44	38	34	43	38	34	34	34	32

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°	135°	180°
0°	28835	28835	28835	28835	28835
5°	35505	33040	28131	24697	23399
10°	43353	37229	26475	20507	18860
15°	52622	40817	24132	17049	15187
20°	58968	43357	21492	13861	12321
25°	62737	43865	19066	11517	9702
30°	64339	42513	16737	9774	8280
35°	62265	41171	14723	8352	7174
40°	57021	38701	12967	7443	6383
45°	50455	32251	11536	6915	5768
50°	41824	27632	10132	6345	5322
55°	31540	23015	9366	5964	4817
60°	24779	17279	8464	5526	4254
65°	18523	12712	7316	4618	3476
70°	11925	8078	5257	3334	1923
75°	4999	4406	2542	1271	593
80°	884	884	0	0	0
85°	0	0	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 50455 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	12.5	4.8
10°-20°	35.9	13.7
20°-30°	52.5	20.0
30°-40°	57.2	21.8
40°-50°	49.5	18.9
50°-60°	33.2	12.7
60°-70°	17.1	6.5
70°-80°	4.0	1.5
80°-90°	0.0	0.0
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°	100.9	38.5
0°-40°	158.1	60.3
0°-60°	240.8	91.9
0°-90°	262.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	262.0	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	132	132	132	132	132	
5°	161	150	128	112	106	16
15°	232	180	106	75	67	66
25°	259	181	79	48	40	119
35°	233	154	55	31	27	144
45°	163	104	37	22	19	125
55°	82	60	24	16	13	76
65°	36	24	14	9	7	36
75°	6	5	3	2	1	8
85°	0	0	0	0	0	0
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	85°	90°
0°	131.5	131.5	131.5	131.5	131.5	131.5	131.5	131.5	131.5	131.5	131.5
2.5°	146.4	145.6	145.6	144.2	142.7	141.2	139.0	136.7	134.5	132.3	130.8
5°	161.3	162.0	161.3	158.3	154.6	150.1	145.6	140.4	135.2	130.8	127.8
7.5°	178.3	178.3	176.1	172.4	167.2	159.8	152.3	143.4	135.2	127.8	124.1
10°	194.7	194.7	191.0	185.0	176.9	167.2	156.8	144.9	133.8	123.4	118.9
12.5°	214.8	214.0	209.6	199.9	188.0	173.9	159.8	144.9	131.5	118.9	113.0
15°	231.8	231.1	225.2	213.3	197.7	179.8	160.5	143.4	127.1	113.0	106.3
17.5°	244.5	243.0	236.3	223.7	205.8	183.5	161.3	140.4	121.9	106.3	99.6
20°	252.7	251.9	244.5	229.6	210.3	185.8	160.5	136.7	116.7	99.6	92.1
22.5°	257.9	256.4	248.9	232.6	210.3	185.0	157.5	131.5	110.0	92.9	85.5
25°	259.3	258.6	249.7	231.8	208.1	181.3	153.1	126.3	103.3	86.2	78.8
26°	259.3	258.6	249.7	231.1	206.6	179.1	150.8	124.1	101.1	83.2	76.5
27.5°	258.6	257.9	248.2	228.9	203.6	175.4	146.4	119.6	96.6	79.5	72.1
30°	254.1	252.7	243.0	223.7	196.9	167.9	139.0	113.0	89.9	72.8	66.1
32.5°	244.5	243.0	232.6	214.8	189.5	159.8	130.8	105.5	83.2	66.1	60.2
35°	232.6	231.1	220.7	203.6	179.1	153.8	121.9	97.3	75.8	60.9	55.0
37.5°	217.7	215.5	206.6	188.7	166.5	147.1	114.4	89.2	69.1	55.0	49.8
40°	199.2	198.4	190.2	173.9	151.6	135.2	110.0	89.2	63.2	49.8	45.3
42.5°	181.3	179.8	172.4	158.3	138.2	118.2	96.6	85.5	58.7	44.6	40.9
45°	162.7	161.3	154.6	142.7	124.1	104.0	104.0	73.6	50.5	40.9	37.2
47.5°	142.7	141.2	136.0	127.1	110.7	92.9	75.8	60.2	46.1	36.4	33.4
50°	122.6	123.4	118.9	110.0	97.3	81.0	65.4	50.5	39.4	32.7	29.7
52.5°	102.5	101.8	98.8	92.9	84.0	69.9	55.7	43.1	34.2	29.0	27.5
55°	82.5	83.2	81.7	78.0	70.6	60.2	46.8	37.2	30.5	26.0	24.5
57.5°	68.4	69.1	66.1	63.9	58.0	49.0	38.6	31.2	26.0	23.0	21.5
60°	56.5	57.2	55.0	52.0	47.6	39.4	31.2	26.0	23.0	20.8	19.3
62.5°	46.1	45.3	43.8	40.9	37.2	31.2	25.3	21.5	19.3	17.8	17.1
65°	35.7	35.7	34.2	32.0	29.0	24.5	20.1	17.8	16.3	14.9	14.1
67.5°	26.8	26.8	25.3	23.8	20.8	17.8	15.6	14.1	13.4	11.9	11.1
70°	18.6	18.6	17.8	17.1	14.9	12.6	11.9	10.4	9.7	8.9	8.2
72.5°	11.9	11.9	11.9	10.4	9.7	8.2	8.2	7.4	6.7	5.9	5.9
75°	5.9	6.7	5.9	5.9	5.2	5.2	4.5	4.5	3.7	3.7	3.0
77.5°	2.2	2.2	2.2	2.2	2.2	2.2	1.5	1.5	1.5	1.5	1.5
80°	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	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

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CANDELA DISTRIBUTION (continued):

	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	131.5	131.5	131.5	131.5	131.5	131.5	131.5	131.5	131.5	131.5
2.5°	129.3	127.1	125.6	123.4	121.9	120.4	119.6	118.9	118.9	118.9
5°	125.6	121.9	118.2	114.4	112.2	110.0	107.7	107.0	106.3	106.3
7.5°	121.1	115.2	110.0	105.5	101.8	99.6	97.3	95.9	95.1	95.1
10°	115.2	107.7	101.8	95.9	92.1	89.2	87.7	85.5	85.5	84.7
12.5°	108.5	99.6	92.9	87.7	84.0	80.3	78.0	76.5	75.8	75.8
15°	101.1	92.1	84.7	78.8	75.1	71.3	69.1	67.6	66.9	66.9
17.5°	93.6	84.0	76.5	70.6	66.9	63.2	60.9	59.4	59.4	58.7
20°	86.2	76.5	69.1	63.2	59.4	56.5	54.2	52.8	52.0	52.8
22.5°	79.5	69.9	62.4	57.2	52.8	49.8	47.6	46.8	46.1	46.1
25°	72.1	63.2	56.5	51.3	47.6	44.6	42.4	41.6	40.9	40.1
26°	69.9	60.9	54.2	49.0	45.3	42.4	40.9	39.4	38.6	38.6
27.5°	66.9	57.2	51.3	46.1	42.4	40.1	37.9	37.2	36.4	36.4
30°	60.2	52.0	46.1	41.6	38.6	35.7	34.2	33.4	32.7	32.7
32.5°	55.0	46.8	41.6	37.9	34.9	32.7	31.2	29.7	29.7	29.7
35°	49.8	42.4	37.9	34.2	31.2	29.0	28.2	27.5	26.8	26.8
37.5°	45.3	38.6	34.2	31.2	29.0	26.8	25.3	24.5	24.5	24.5
40°	40.9	35.7	31.2	28.2	26.0	24.5	23.0	22.3	22.3	22.3
42.5°	37.2	32.0	29.0	26.0	23.8	22.3	21.5	20.8	20.1	20.1
45°	34.2	29.7	26.0	23.8	22.3	20.8	19.3	18.6	18.6	18.6
47.5°	30.5	27.5	23.8	21.5	20.1	18.6	17.8	17.1	17.1	17.1
50°	28.2	25.3	22.3	20.1	18.6	17.1	16.3	15.6	15.6	15.6
52.5°	25.3	23.0	20.8	18.6	17.1	15.6	14.9	14.1	14.1	14.1
55°	23.0	20.8	18.6	17.1	15.6	14.1	13.4	12.6	12.6	12.6
57.5°	20.8	18.6	17.1	15.6	14.1	13.4	11.9	11.9	11.1	11.1
60°	18.6	16.3	14.9	14.1	12.6	11.9	10.4	9.7	9.7	9.7
62.5°	15.6	14.9	13.4	11.9	10.4	9.7	8.9	8.2	8.2	8.2
65°	13.4	12.6	11.1	9.7	8.9	8.2	7.4	6.7	6.7	6.7
67.5°	11.1	9.7	8.9	8.2	7.4	6.7	5.9	5.2	4.5	5.2
70°	8.2	7.4	6.7	5.9	5.2	4.5	3.7	3.7	3.0	3.0
72.5°	5.2	4.5	4.5	3.7	3.0	3.0	2.2	2.2	1.5	1.5
75°	3.0	3.0	2.2	2.2	1.5	1.5	0.7	0.7	0.7	0.7
77.5°	1.5	0.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	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

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

Report Prepared for

Cooper Lighting Solutions

IRiS

Report Number: SP1-2504-409-24

Test Date: 05/15/2025

Luminaire Tested: LD3A17R159035D010 E3D1WH

Data in this report applies to families of products including LD3A

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2504-409-24
 Test Lab: COOPER LIGHTING SOLUTIONS
 Photometer: SP1 - 76IN SPHERE
 Measurement Geometry: 4π
 Issue Date: 09/15/2025
 Manufacturer: COOPER LIGHTING SOLUTIONS
 Product Line: IRiS
 Catalog Number: **LD3A17R159035D010 E3D1WH**
 Description: 3in Adjustable LED luminaire with, R15 optic, 3500K CCT AND, 90CRI LEDS, E3D1WH TRIM

Spectral Parameters

CCT (K): 3464
 CIE u' : 0.2361
 CIE v' : 0.5136
 Duv: 0.0012
 CIE x: 0.4086
 CIE y: 0.3951
 CIE z: 0.1963
 Peak Wavelength (nm): 614
 Dominant Wavelength (nm): 580
 Purity: 41.2143
 R_f: 91.8
 R_g: 98.4

CRI (Ra): 92.8
 R1: 93.1
 R2: 95.9
 R3: 98.0
 R4: 94.1
 R5: 92.9
 R6: 95.0
 R7: 92.5
 R8: 81.1
 R9: 53.9
 R10: 89.9
 R11: 95.7
 R12: 78.6
 R13: 94.0
 R14: 98.5
 R15: 88.0



Test Conditions

Stabilization Time: 62M
 Operation Time: 2H 2M
 Sphere Temperature (°C): 25.0

REPORT NUMBER: SP1-2504-409-24

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 $\text{W}^\wedge/\text{nm}$	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	358	NR	620	985	NR	750	62	NR	880	1	NR
365	0	NR	495	424	NR	625	960	NR	755	53	NR	885	1	NR
370	0	NR	500	486	NR	630	930	NR	760	46	NR	890	1	NR
375	0	NR	505	547	NR	635	889	NR	765	40	NR	895	1	NR
380	0	NR	510	590	NR	640	844	NR	770	34	NR	900	1	NR
385	0	NR	515	623	NR	645	792	NR	775	30	NR	905	1	NR
390	1	NR	520	645	NR	650	738	NR	780	25	NR	910	1	NR
395	2	NR	525	662	NR	655	681	NR	785	22	NR	915	1	NR
400	4	NR	530	671	NR	660	623	NR	790	19	NR	920	1	NR
405	7	NR	535	685	NR	665	568	NR	795	16	NR	925	1	NR
410	12	NR	540	693	NR	670	513	NR	800	14	NR	930	0	NR
415	22	NR	545	704	NR	675	461	NR	805	12	NR	935	0	NR
420	39	NR	550	712	NR	680	414	NR	810	10	NR	940	0	NR
425	70	NR	555	726	NR	685	368	NR	815	9	NR	945	0	NR
430	120	NR	560	740	NR	690	326	NR	820	8	NR	950	0	NR
435	200	NR	565	757	NR	695	288	NR	825	7	NR	955	0	NR
440	315	NR	570	782	NR	700	253	NR	830	6	NR	960	0	NR
445	475	NR	575	809	NR	705	222	NR	835	5	NR	965	0	NR
450	656	NR	580	844	NR	710	194	NR	840	4	NR	970	0	NR
455	697	NR	585	874	NR	715	169	NR	845	4	NR	975	0	NR
460	539	NR	590	911	NR	720	148	NR	850	3	NR	980	0	NR
465	408	NR	595	943	NR	725	128	NR	855	3	NR	985	0	NR
470	341	NR	600	968	NR	730	111	NR	860	2	NR	990	0	NR
475	291	NR	605	988	NR	735	95	NR	865	2	NR	995	0	NR
480	278	NR	610	996	NR	740	81	NR	870	2	NR	1000	0	NR
485	308	NR	615	998	NR	745	70	NR	875	2	NR			

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Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 1.6

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	358	NR	620	985	NR	750	62	NR	880	1	NR
365	0	NR	495	424	NR	625	960	NR	755	53	NR	885	1	NR
370	0	NR	500	486	NR	630	930	NR	760	46	NR	890	1	NR
375	0	NR	505	547	NR	635	889	NR	765	40	NR	895	1	NR
380	0	NR	510	590	NR	640	844	NR	770	34	NR	900	1	NR
385	0	NR	515	623	NR	645	792	NR	775	30	NR	905	1	NR
390	1	NR	520	645	NR	650	738	NR	780	25	NR	910	1	NR
395	2	NR	525	662	NR	655	681	NR	785	22	NR	915	1	NR
400	4	NR	530	671	NR	660	623	NR	790	19	NR	920	1	NR
405	7	NR	535	685	NR	665	568	NR	795	16	NR	925	1	NR
410	12	NR	540	693	NR	670	513	NR	800	14	NR	930	0	NR
415	22	NR	545	704	NR	675	461	NR	805	12	NR	935	0	NR
420	39	NR	550	712	NR	680	414	NR	810	10	NR	940	0	NR
425	70	NR	555	726	NR	685	368	NR	815	9	NR	945	0	NR
430	120	NR	560	740	NR	690	326	NR	820	8	NR	950	0	NR
435	200	NR	565	757	NR	695	288	NR	825	7	NR	955	0	NR
440	315	NR	570	782	NR	700	253	NR	830	6	NR	960	0	NR
445	475	NR	575	809	NR	705	222	NR	835	5	NR	965	0	NR
450	656	NR	580	844	NR	710	194	NR	840	4	NR	970	0	NR
455	697	NR	585	874	NR	715	169	NR	845	4	NR	975	0	NR
460	539	NR	590	911	NR	720	148	NR	850	3	NR	980	0	NR
465	408	NR	595	943	NR	725	128	NR	855	3	NR	985	0	NR
470	341	NR	600	968	NR	730	111	NR	860	2	NR	990	0	NR
475	291	NR	605	988	NR	735	95	NR	865	2	NR	995	0	NR
480	278	NR	610	996	NR	740	81	NR	870	2	NR	1000	0	NR
485	308	NR	615	998	NR	745	70	NR	875	2	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 3.22

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	358	NR	620	985	NR	750	62	NR	880	1	NR
365	0	NR	495	424	NR	625	960	NR	755	53	NR	885	1	NR
370	0	NR	500	486	NR	630	930	NR	760	46	NR	890	1	NR
375	0	NR	505	547	NR	635	889	NR	765	40	NR	895	1	NR
380	0	NR	510	590	NR	640	844	NR	770	34	NR	900	1	NR
385	0	NR	515	623	NR	645	792	NR	775	30	NR	905	1	NR
390	1	NR	520	645	NR	650	738	NR	780	25	NR	910	1	NR
395	2	NR	525	662	NR	655	681	NR	785	22	NR	915	1	NR
400	4	NR	530	671	NR	660	623	NR	790	19	NR	920	1	NR
405	7	NR	535	685	NR	665	568	NR	795	16	NR	925	1	NR
410	12	NR	540	693	NR	670	513	NR	800	14	NR	930	0	NR
415	22	NR	545	704	NR	675	461	NR	805	12	NR	935	0	NR
420	39	NR	550	712	NR	680	414	NR	810	10	NR	940	0	NR
425	70	NR	555	726	NR	685	368	NR	815	9	NR	945	0	NR
430	120	NR	560	740	NR	690	326	NR	820	8	NR	950	0	NR
435	200	NR	565	757	NR	695	288	NR	825	7	NR	955	0	NR
440	315	NR	570	782	NR	700	253	NR	830	6	NR	960	0	NR
445	475	NR	575	809	NR	705	222	NR	835	5	NR	965	0	NR
450	656	NR	580	844	NR	710	194	NR	840	4	NR	970	0	NR
455	697	NR	585	874	NR	715	169	NR	845	4	NR	975	0	NR
460	539	NR	590	911	NR	720	148	NR	850	3	NR	980	0	NR
465	408	NR	595	943	NR	725	128	NR	855	3	NR	985	0	NR
470	341	NR	600	968	NR	730	111	NR	860	2	NR	990	0	NR
475	291	NR	605	988	NR	735	95	NR	865	2	NR	995	0	NR
480	278	NR	610	996	NR	740	81	NR	870	2	NR	1000	0	NR
485	308	NR	615	998	NR	745	70	NR	875	2	NR			

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TM-30-18

Summary

$R_f = 91.8$
 $R_g = 98.4$
 $CIE R_a = 92.8$
 $R_9 = 53.9$



Color Vector Graphics



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

CES01 = 86	CES26 = 95	CES51 = 98	CES76 = 89
CES02 = 62	CES27 = 92	CES52 = 99	CES77 = 90
CES03 = 31	CES28 = 97	CES53 = 98	CES78 = 86
CES04 = 70	CES29 = 97	CES54 = 93	CES79 = 94
CES05 = 49	CES30 = 93	CES55 = 92	CES80 = 93
CES06 = 51	CES31 = 97	CES56 = 95	CES81 = 84
CES07 = 42	CES32 = 92	CES57 = 94	CES82 = 97
CES08 = 41	CES33 = 99	CES58 = 94	CES83 = 97
CES09 = 29	CES34 = 96	CES59 = 97	CES84 = 95
CES10 = 75	CES35 = 97	CES60 = 93	CES85 = 83
CES11 = 58	CES36 = 83	CES61 = 93	CES86 = 83
CES12 = 64	CES37 = 97	CES62 = 88	CES87 = 92
CES13 = 43	CES38 = 88	CES63 = 93	CES88 = 96
CES14 = 74	CES39 = 98	CES64 = 91	CES89 = 86
CES15 = 71	CES40 = 96	CES65 = 88	CES90 = 96
CES16 = 47	CES41 = 97	CES66 = 89	CES91 = 76
CES17 = 49	CES42 = 96	CES67 = 88	CES92 = 78
CES18 = 56	CES43 = 96	CES68 = 90	CES93 = 87
CES19 = 71	CES44 = 99	CES69 = 91	CES94 = 78
CES20 = 66	CES45 = 98	CES70 = 88	CES95 = 83
CES21 = 86	CES46 = 97	CES71 = 83	CES96 = 91
CES22 = 78	CES47 = 95	CES72 = 95	CES97 = 96
CES23 = 91	CES48 = 91	CES73 = 83	CES98 = 94
CES24 = 90	CES49 = 96	CES74 = 92	CES99 = 90
CES25 = 71	CES50 = 98	CES75 = 84	



Color Rendition by Hue-Angle Bin


Measure Comparisons



(END OF REPORT)