

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: P1261280

Luminaire Tested: P3A24R709050D010 E3LSWW1H

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261280
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: P3A24R709050D010 E3LSWW1H
Description: 3in Adjustable LED luminaire with, R70 optic, 5000K CCT AND, 90CRI , E3LSWW1H TRIM
Light Source: -
Ballast/Driver: -

Summary

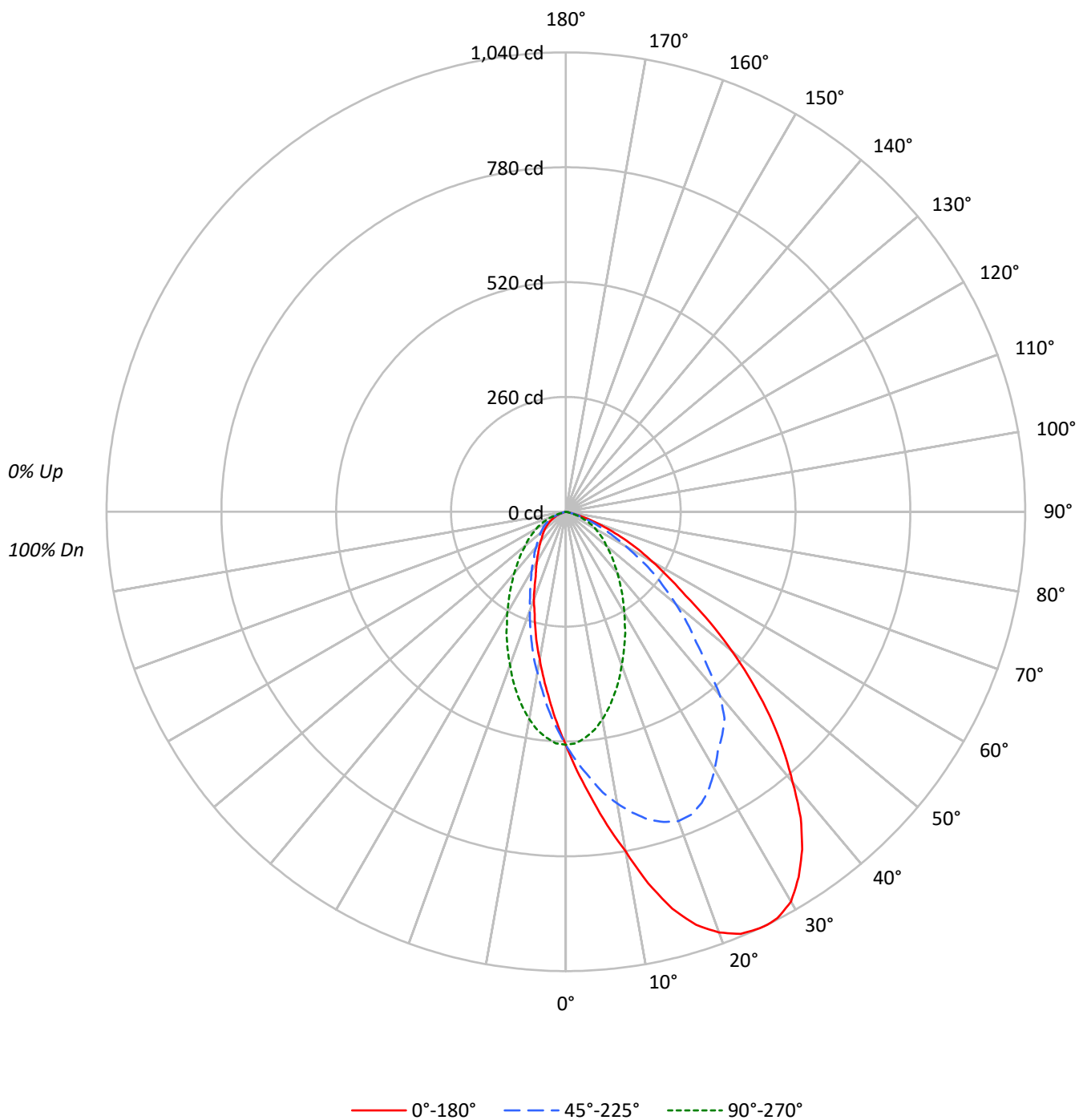
Lumens per Lamp: N/A
Luminaire Lumens: 1051.0 lumens
Efficiency: N/A
Efficacy: 36.5 lumens/watt
Spacing Criteria (0/90/45): 1.47 / 0.85 / 1.23
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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: P3A24R709050D010 E3LSWW1H

Luminous Intensity Polar Plot



TEST NUMBER: P1261280

CATALOG NUMBER: P3A24R709050D010 E3LSWW1H

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

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°	135°	180°
0°	115692	115692	115692	115692	115692
5°	142395	132533	112855	99075	93836
10°	173900	149340	106188	82296	75661
15°	211125	163769	96777	68355	60908
20°	236504	173895	86247	55655	49378
25°	251700	175970	76456	46164	38954
30°	258141	170583	67175	39247	33220
35°	249757	165166	59053	33515	28723
40°	228686	155291	52040	29856	25591
45°	202440	129409	46206	27724	23103
50°	167807	110836	40664	25415	21355
55°	126504	92326	37619	23932	19383
60°	99334	69293	33989	22235	17016
65°	74249	51056	29368	18575	13906
70°	47764	32505	21029	13400	7629
75°	20164	17707	10082	5083	2542
80°	3788	3788	0	0	0
85°	0	0	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 202440 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	50.1	4.8
10°-20°	144.0	13.7
20°-30°	210.6	20.0
30°-40°	229.5	21.8
40°-50°	198.6	18.9
50°-60°	133.0	12.7
60°-70°	68.7	6.5
70°-80°	16.3	1.5
80°-90°	0.2	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°	404.7	38.5
0°-40°	634.2	60.3
0°-60°	965.9	91.9
0°-90°	1051.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1051.0	100.0

CANDELA DISTRIBUTION:

	0°	45°	90°	135°	180°	Flux
0°	528	528	528	528	528	
5°	647	602	513	450	426	66
15°	930	721	426	301	268	263
25°	1040	727	316	191	161	478
35°	933	617	221	125	107	578
45°	653	417	149	89	74	500
55°	331	242	98	63	51	306
65°	143	98	57	36	27	144
75°	24	21	12	6	3	31
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°	527.6	527.6	527.6	527.6	527.6	527.6	527.6	527.6	527.6	527.6	527.6
2.5°	587.2	584.3	584.3	578.3	572.3	566.4	557.4	548.5	539.5	530.6	524.6
5°	646.9	649.8	646.9	634.9	620.0	602.1	584.3	563.4	542.5	524.6	512.7
7.5°	715.4	715.4	706.5	691.6	670.7	640.9	611.1	575.3	542.5	512.7	497.8
10°	781.0	781.0	766.1	742.2	709.5	670.7	629.0	581.3	536.6	494.8	476.9
12.5°	861.5	858.5	840.6	801.9	754.2	697.5	640.9	581.3	527.6	476.9	453.1
15°	930.0	927.1	903.2	855.5	792.9	721.4	643.9	575.3	509.7	453.1	426.3
17.5°	980.7	974.8	947.9	897.3	825.7	736.3	646.9	563.4	488.9	426.3	399.4
20°	1013.5	1010.5	980.7	921.1	843.6	745.2	643.9	548.5	468.0	399.4	369.6
22.5°	1034.4	1028.4	998.6	933.0	843.6	742.2	632.0	527.6	441.2	372.6	342.8
25°	1040.3	1037.4	1001.6	930.0	834.7	727.3	614.1	506.8	414.3	345.8	316.0
26°	1040.3	1037.4	1001.6	927.1	828.7	718.4	605.1	497.8	405.4	333.9	307.0
27.5°	1037.4	1034.4	995.6	918.1	816.8	703.5	587.2	479.9	387.5	319.0	289.1
30°	1019.5	1013.5	974.8	897.3	789.9	673.7	557.4	453.1	360.7	292.1	265.3
32.5°	980.7	974.8	933.0	861.5	760.1	640.9	524.6	423.3	333.9	265.3	241.5
35°	933.0	927.1	885.3	816.8	718.4	617.0	488.9	390.5	304.1	244.4	220.6
37.5°	873.4	864.5	828.7	757.2	667.7	590.2	459.1	357.7	277.2	220.6	199.7
40°	798.9	795.9	763.1	697.5	608.1	542.5	441.2	357.7	253.4	199.7	181.8
42.5°	727.3	721.4	691.6	634.9	554.4	474.0	387.5	342.8	235.5	178.9	164.0
45°	652.8	646.9	620.0	572.3	497.8	417.3	417.3	295.1	202.7	164.0	149.0
47.5°	572.3	566.4	545.5	509.7	444.2	372.6	304.1	241.5	184.8	146.1	134.1
50°	491.9	494.8	476.9	441.2	390.5	324.9	262.3	202.7	158.0	131.2	119.2
52.5°	411.4	408.4	396.5	372.6	336.8	280.2	223.6	172.9	137.1	116.3	110.3
55°	330.9	333.9	327.9	313.0	283.2	241.5	187.8	149.0	122.2	104.3	98.4
57.5°	274.2	277.2	265.3	256.4	232.5	196.7	155.0	125.2	104.3	92.4	86.4
60°	226.5	229.5	220.6	208.7	190.8	158.0	125.2	104.3	92.4	83.5	77.5
62.5°	184.8	181.8	175.9	164.0	149.0	125.2	101.4	86.4	77.5	71.5	68.6
65°	143.1	143.1	137.1	128.2	116.3	98.4	80.5	71.5	65.6	59.6	56.6
67.5°	107.3	107.3	101.4	95.4	83.5	71.5	62.6	56.6	53.7	47.7	44.7
70°	74.5	74.5	71.5	68.6	59.6	50.7	47.7	41.7	38.8	35.8	32.8
72.5°	47.7	47.7	47.7	41.7	38.8	32.8	32.8	29.8	26.8	23.8	23.8
75°	23.8	26.8	23.8	23.8	20.9	20.9	17.9	17.9	14.9	14.9	11.9
77.5°	8.9	8.9	8.9	8.9	8.9	8.9	6.0	6.0	6.0	6.0	6.0
80°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	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	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°	527.6	527.6	527.6	527.6	527.6	527.6	527.6	527.6	527.6	527.6
2.5°	518.7	509.7	503.8	494.8	488.9	482.9	479.9	476.9	476.9	476.9
5°	503.8	488.9	474.0	459.1	450.1	441.2	432.2	429.3	426.3	426.3
7.5°	485.9	462.0	441.2	423.3	408.4	399.4	390.5	384.5	381.6	381.6
10°	462.0	432.2	408.4	384.5	369.6	357.7	351.7	342.8	342.8	339.8
12.5°	435.2	399.4	372.6	351.7	336.8	321.9	313.0	307.0	304.1	304.1
15°	405.4	369.6	339.8	316.0	301.1	286.2	277.2	271.3	268.3	268.3
17.5°	375.6	336.8	307.0	283.2	268.3	253.4	244.4	238.5	238.5	235.5
20°	345.8	307.0	277.2	253.4	238.5	226.5	217.6	211.6	208.7	211.6
22.5°	319.0	280.2	250.4	229.5	211.6	199.7	190.8	187.8	184.8	184.8
25°	289.1	253.4	226.5	205.7	190.8	178.9	169.9	166.9	164.0	161.0
26°	280.2	244.4	217.6	196.7	181.8	169.9	164.0	158.0	155.0	155.0
27.5°	268.3	229.5	205.7	184.8	169.9	161.0	152.0	149.0	146.1	146.1
30°	241.5	208.7	184.8	166.9	155.0	143.1	137.1	134.1	131.2	131.2
32.5°	220.6	187.8	166.9	152.0	140.1	131.2	125.2	119.2	119.2	119.2
35°	199.7	169.9	152.0	137.1	125.2	116.3	113.3	110.3	107.3	107.3
37.5°	181.8	155.0	137.1	125.2	116.3	107.3	101.4	98.4	98.4	98.4
40°	164.0	143.1	125.2	113.3	104.3	98.4	92.4	89.4	89.4	89.4
42.5°	149.0	128.2	116.3	104.3	95.4	89.4	86.4	83.5	80.5	80.5
45°	137.1	119.2	104.3	95.4	89.4	83.5	77.5	74.5	74.5	74.5
47.5°	122.2	110.3	95.4	86.4	80.5	74.5	71.5	68.6	68.6	68.6
50°	113.3	101.4	89.4	80.5	74.5	68.6	65.6	62.6	62.6	62.6
52.5°	101.4	92.4	83.5	74.5	68.6	62.6	59.6	56.6	56.6	56.6
55°	92.4	83.5	74.5	68.6	62.6	56.6	53.7	50.7	50.7	50.7
57.5°	83.5	74.5	68.6	62.6	56.6	53.7	47.7	47.7	44.7	44.7
60°	74.5	65.6	59.6	56.6	50.7	47.7	41.7	38.8	38.8	38.8
62.5°	62.6	59.6	53.7	47.7	41.7	38.8	35.8	32.8	32.8	32.8
65°	53.7	50.7	44.7	38.8	35.8	32.8	29.8	26.8	26.8	26.8
67.5°	44.7	38.8	35.8	32.8	29.8	26.8	23.8	20.9	17.9	20.9
70°	32.8	29.8	26.8	23.8	20.9	17.9	14.9	14.9	11.9	11.9
72.5°	20.9	17.9	17.9	14.9	11.9	11.9	8.9	8.9	6.0	6.0
75°	11.9	11.9	8.9	8.9	6.0	6.0	3.0	3.0	3.0	3.0
77.5°	6.0	3.0	3.0	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: SP1-2508-518-5

Test Date: 09/11/2025

Luminaire Tested: LD3A24R159050D010 E3D1LI

Data in this report applies to families of products including LD3A24R159050D010 E3D1LI

Test Information

Test Method: LM-79-2019
 Report Number: SP1-2508-518-5
 Test Lab: COOPER LIGHTING SOLUTIONS
 Photometer: SP1 - 76IN SPHERE
 Measurement Geometry: 4π
 Issue Date: 09/16/2025
 Manufacturer: COOPER LIGHTING SOLUTIONS
 Product Line: IRiS
 Catalog Number: **LD3A24R159050D010 E3D1LI**
 Description: 3in Adjustable LED luminaire with, R15 optic, 5000K CCT AND, 90CRI , E3D1LI TRIM

Spectral Parameters

CCT (K): 4941
 CIE u' : 0.2103
 CIE v' : 0.4882
 Duv: 0.0025
 CIE x: 0.3473
 CIE y: 0.3583
 CIE z: 0.2944
 Peak Wavelength (nm): 630
 Dominant Wavelength (nm): 571
 Purity: 11.7232
 R_f: 90.3
 R_g: 102.5

CRI (Ra): 92.8
 R1: 95.7
 R2: 92.6
 R3: 86.9
 R4: 93.9
 R5: 93.3
 R6: 89.1
 R7: 95.4
 R8: 95.4
 R9: 82.3
 R10: 79.2
 R11: 92.0
 R12: 66.8
 R13: 94.2
 R14: 91.7
 R15: 95.4



Test Conditions

Stabilization Time: 76M
 Operation Time: 2H 16M
 Sphere Temperature (°C): 25.2

REPORT NUMBER: SP1-2508-518-5

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 5000K 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	164	NR	620	257	NR	750	5	NR	880	0	NR
365	0	NR	495	193	NR	625	259	NR	755	5	NR	885	0	NR
370	0	NR	500	227	NR	630	1000	NR	760	4	NR	890	0	NR
375	0	NR	505	260	NR	635	705	NR	765	3	NR	895	0	NR
380	1	NR	510	286	NR	640	139	NR	770	3	NR	900	0	NR
385	2	NR	515	307	NR	645	134	NR	775	3	NR	905	0	NR
390	2	NR	520	321	NR	650	120	NR	780	2	NR	910	0	NR
395	4	NR	525	331	NR	655	90	NR	785	2	NR	915	0	NR
400	5	NR	530	338	NR	660	72	NR	790	2	NR	920	0	NR
405	9	NR	535	344	NR	665	56	NR	795	2	NR	925	0	NR
410	15	NR	540	347	NR	670	56	NR	800	1	NR	930	0	NR
415	26	NR	545	347	NR	675	43	NR	805	1	NR	935	0	NR
420	44	NR	550	345	NR	680	36	NR	810	1	NR	940	0	NR
425	75	NR	555	342	NR	685	32	NR	815	1	NR	945	0	NR
430	122	NR	560	336	NR	690	27	NR	820	1	NR	950	0	NR
435	191	NR	565	326	NR	695	24	NR	825	1	NR	955	0	NR
440	280	NR	570	315	NR	700	20	NR	830	1	NR	960	0	NR
445	380	NR	575	303	NR	705	18	NR	835	1	NR	965	0	NR
450	477	NR	580	292	NR	710	15	NR	840	1	NR	970	0	NR
455	466	NR	585	283	NR	715	14	NR	845	0	NR	975	0	NR
460	346	NR	590	269	NR	720	12	NR	850	0	NR	980	0	NR
465	250	NR	595	254	NR	725	10	NR	855	0	NR	985	0	NR
470	192	NR	600	251	NR	730	9	NR	860	0	NR	990	0	NR
475	153	NR	605	247	NR	735	8	NR	865	0	NR	995	0	NR
480	136	NR	610	314	NR	740	7	NR	870	0	NR	1000	0	NR
485	143	NR	615	380	NR	745	6	NR	875	0	NR			

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Scotopic Flux vs. Wavelength



Scotopic Lumens: NR

S/P: 2

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	164	NR	620	257	NR	750	5	NR	880	0	NR
365	0	NR	495	193	NR	625	259	NR	755	5	NR	885	0	NR
370	0	NR	500	227	NR	630	1000	NR	760	4	NR	890	0	NR
375	0	NR	505	260	NR	635	705	NR	765	3	NR	895	0	NR
380	1	NR	510	286	NR	640	139	NR	770	3	NR	900	0	NR
385	2	NR	515	307	NR	645	134	NR	775	3	NR	905	0	NR
390	2	NR	520	321	NR	650	120	NR	780	2	NR	910	0	NR
395	4	NR	525	331	NR	655	90	NR	785	2	NR	915	0	NR
400	5	NR	530	338	NR	660	72	NR	790	2	NR	920	0	NR
405	9	NR	535	344	NR	665	56	NR	795	2	NR	925	0	NR
410	15	NR	540	347	NR	670	56	NR	800	1	NR	930	0	NR
415	26	NR	545	347	NR	675	43	NR	805	1	NR	935	0	NR
420	44	NR	550	345	NR	680	36	NR	810	1	NR	940	0	NR
425	75	NR	555	342	NR	685	32	NR	815	1	NR	945	0	NR
430	122	NR	560	336	NR	690	27	NR	820	1	NR	950	0	NR
435	191	NR	565	326	NR	695	24	NR	825	1	NR	955	0	NR
440	280	NR	570	315	NR	700	20	NR	830	1	NR	960	0	NR
445	380	NR	575	303	NR	705	18	NR	835	1	NR	965	0	NR
450	477	NR	580	292	NR	710	15	NR	840	1	NR	970	0	NR
455	466	NR	585	283	NR	715	14	NR	845	0	NR	975	0	NR
460	346	NR	590	269	NR	720	12	NR	850	0	NR	980	0	NR
465	250	NR	595	254	NR	725	10	NR	855	0	NR	985	0	NR
470	192	NR	600	251	NR	730	9	NR	860	0	NR	990	0	NR
475	153	NR	605	247	NR	735	8	NR	865	0	NR	995	0	NR
480	136	NR	610	314	NR	740	7	NR	870	0	NR	1000	0	NR
485	143	NR	615	380	NR	745	6	NR	875	0	NR			

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Melanopic Flux vs. Wavelength



Melanopic Lumens: NR

M/P: 4.22

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	164	NR	620	257	NR	750	5	NR	880	0	NR
365	0	NR	495	193	NR	625	259	NR	755	5	NR	885	0	NR
370	0	NR	500	227	NR	630	1000	NR	760	4	NR	890	0	NR
375	0	NR	505	260	NR	635	705	NR	765	3	NR	895	0	NR
380	1	NR	510	286	NR	640	139	NR	770	3	NR	900	0	NR
385	2	NR	515	307	NR	645	134	NR	775	3	NR	905	0	NR
390	2	NR	520	321	NR	650	120	NR	780	2	NR	910	0	NR
395	4	NR	525	331	NR	655	90	NR	785	2	NR	915	0	NR
400	5	NR	530	338	NR	660	72	NR	790	2	NR	920	0	NR
405	9	NR	535	344	NR	665	56	NR	795	2	NR	925	0	NR
410	15	NR	540	347	NR	670	56	NR	800	1	NR	930	0	NR
415	26	NR	545	347	NR	675	43	NR	805	1	NR	935	0	NR
420	44	NR	550	345	NR	680	36	NR	810	1	NR	940	0	NR
425	75	NR	555	342	NR	685	32	NR	815	1	NR	945	0	NR
430	122	NR	560	336	NR	690	27	NR	820	1	NR	950	0	NR
435	191	NR	565	326	NR	695	24	NR	825	1	NR	955	0	NR
440	280	NR	570	315	NR	700	20	NR	830	1	NR	960	0	NR
445	380	NR	575	303	NR	705	18	NR	835	1	NR	965	0	NR
450	477	NR	580	292	NR	710	15	NR	840	1	NR	970	0	NR
455	466	NR	585	283	NR	715	14	NR	845	0	NR	975	0	NR
460	346	NR	590	269	NR	720	12	NR	850	0	NR	980	0	NR
465	250	NR	595	254	NR	725	10	NR	855	0	NR	985	0	NR
470	192	NR	600	251	NR	730	9	NR	860	0	NR	990	0	NR
475	153	NR	605	247	NR	735	8	NR	865	0	NR	995	0	NR
480	136	NR	610	314	NR	740	7	NR	870	0	NR	1000	0	NR
485	143	NR	615	380	NR	745	6	NR	875	0	NR			

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TM-30-18

Summary

$R_f = 90.3$
 $R_g = 102.5$
 $CIE R_a = 92.8$
 $R_9 = 82.3$



Color Vector Graphics



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

CES01 = 85	CES26 = 86	CES51 = 98	CES76 = 77
CES02 = 61	CES27 = 95	CES52 = 95	CES77 = 86
CES03 = 31	CES28 = 91	CES53 = 92	CES78 = 76
CES04 = 68	CES29 = 87	CES54 = 98	CES79 = 94
CES05 = 48	CES30 = 98	CES55 = 97	CES80 = 88
CES06 = 50	CES31 = 88	CES56 = 93	CES81 = 86
CES07 = 41	CES32 = 80	CES57 = 92	CES82 = 95
CES08 = 40	CES33 = 92	CES58 = 93	CES83 = 95
CES09 = 29	CES34 = 85	CES59 = 98	CES84 = 92
CES10 = 73	CES35 = 91	CES60 = 95	CES85 = 85
CES11 = 55	CES36 = 88	CES61 = 95	CES86 = 90
CES12 = 62	CES37 = 86	CES62 = 91	CES87 = 88
CES13 = 43	CES38 = 97	CES63 = 91	CES88 = 93
CES14 = 74	CES39 = 98	CES64 = 90	CES89 = 87
CES15 = 71	CES40 = 94	CES65 = 88	CES90 = 96
CES16 = 47	CES41 = 97	CES66 = 85	CES91 = 78
CES17 = 48	CES42 = 83	CES67 = 84	CES92 = 83
CES18 = 56	CES43 = 86	CES68 = 87	CES93 = 89
CES19 = 70	CES44 = 99	CES69 = 88	CES94 = 80
CES20 = 65	CES45 = 90	CES70 = 82	CES95 = 85
CES21 = 85	CES46 = 92	CES71 = 77	CES96 = 92
CES22 = 77	CES47 = 92	CES72 = 93	CES97 = 90
CES23 = 91	CES48 = 97	CES73 = 76	CES98 = 92
CES24 = 90	CES49 = 91	CES74 = 94	CES99 = 97
CES25 = 70	CES50 = 97	CES75 = 77	



Color Rendition by Hue-Angle Bin



Measure Comparisons



(END OF REPORT)