

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: P1318166

Luminaire Tested: P3SQAS17R359835DE010 E3SQPHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1318166
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-20)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS17R359835DE010 E3SQPHLD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 98CRI , E3SQPHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

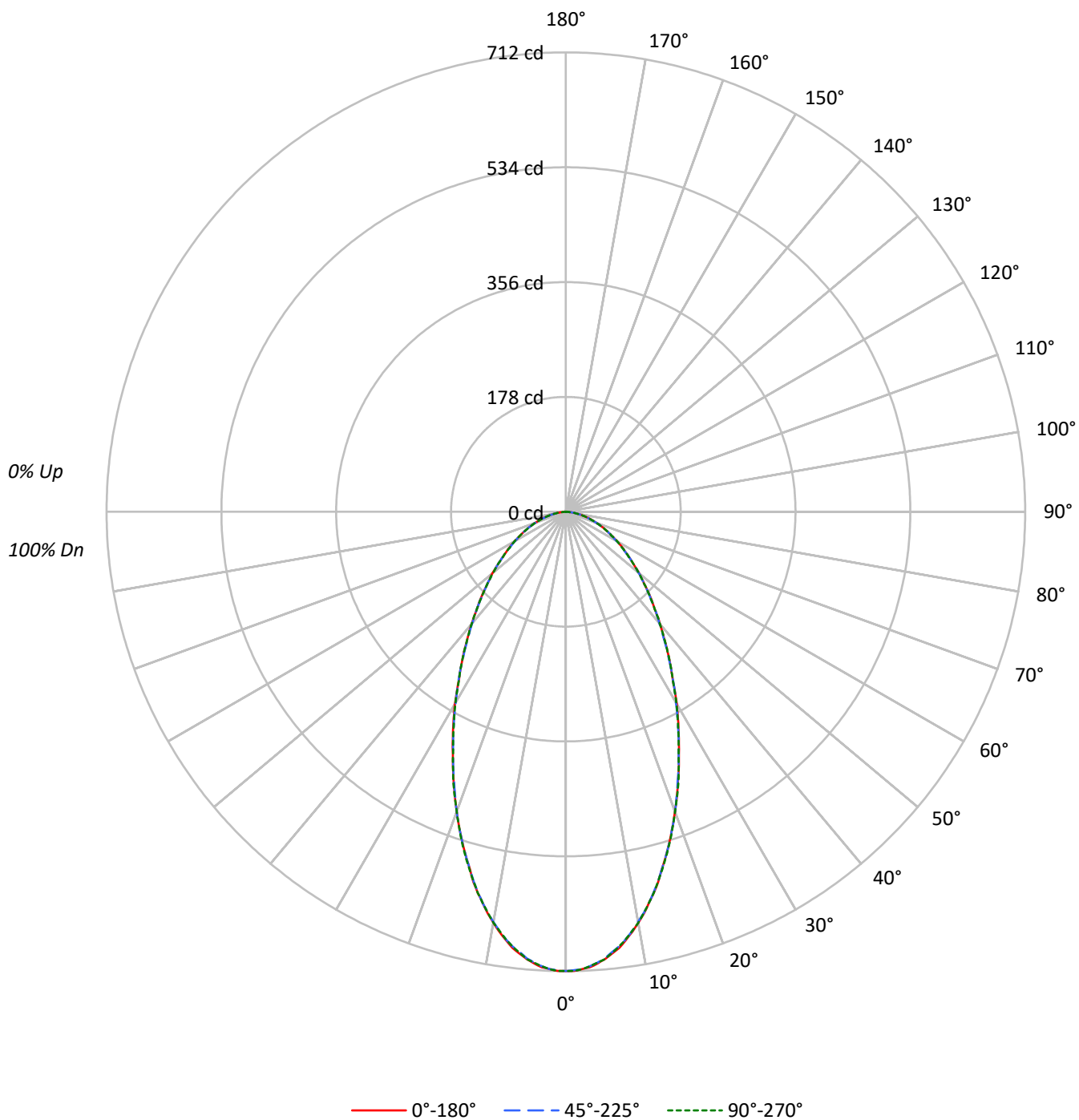
Lumens per Lamp: N/A
Luminaire Lumens: 951.0 lumens
Efficiency: N/A
Efficacy: 46.6 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.92
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.4
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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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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	111	107	103	100	108	105	101	99	100	98	95		97	95	93		93
2	103	96	90	85	100	94	89	84	90	86	82		87	84	81		84
3	95	86	79	74	93	85	78	73	82	76	72		79	75	71		77
4	88	78	71	65	86	77	70	65	75	68	64		72	67	63		70
5	82	71	64	58	80	70	63	58	68	62	57		66	61	56		65
6	77	65	58	52	75	65	57	52	63	56	51		61	55	51		60
7	72	60	53	47	71	60	52	47	58	52	47		57	51	46		55
8	68	56	48	43	66	55	48	43	54	47	43		53	47	43		52
9	64	52	45	40	63	51	44	40	50	44	39		49	44	39		48
10	60	49	42	37	59	48	41	37	47	41	37		46	41	36		45

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	122605	122605	122605
5°	120308	120100	120308
10°	113112	112902	113112
15°	102414	102414	102628
20°	90648	90648	90648
25°	78823	78595	78595
30°	68350	67853	68092
35°	58827	58574	58827
40°	51057	50765	51057
45°	44839	44547	44547
50°	39788	39466	39466
55°	35010	35010	35010
60°	31723	31276	31723
65°	28526	28526	28526
70°	25328	25328	25328
75°	22890	22025	22890
80°	19439	19439	19439
85°	12054	12054	12054

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 44839 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	64.8	6.8
10°-20°	160.2	16.8
20°-30°	190.4	20.0
30°-40°	175.0	18.4
40°-50°	142.1	14.9
50°-60°	105.1	11.1
60°-70°	69.5	7.3
70°-80°	36.0	3.8
80°-90°	8.1	0.9
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°	415.4	43.7
0°-40°	590.3	62.1
0°-60°	837.5	88.1
0°-90°	951.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	951.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	712	712	712	712	712	
5°	696	695	695	695	696	65
15°	574	574	574	574	576	160
25°	415	414	414	415	414	191
35°	280	279	279	280	280	175
45°	184	183	183	183	183	142
55°	117	117	117	117	117	106
65°	70	70	70	70	70	69
75°	34	34	33	34	34	36
85°	6	6	6	6	6	8
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	711.9	711.9	711.9	711.9	711.9
1°	711.9	710.6	710.6	710.6	711.9
2°	709.4	709.4	709.4	709.4	709.4
3°	707.0	705.7	705.7	705.7	705.7
4°	702.0	700.8	700.8	700.8	700.8
5°	695.9	694.7	694.7	694.7	695.9
6°	688.5	687.3	686.1	686.1	687.3
7°	681.2	678.7	678.7	678.7	678.7
8°	670.1	668.9	668.9	668.9	668.9
9°	659.1	656.6	657.9	657.9	657.9
10°	646.8	645.6	645.6	645.6	646.8
11°	634.5	633.3	633.3	632.1	633.3
12°	619.8	619.8	619.8	619.8	619.8
13°	606.3	605.1	605.1	605.1	606.3
14°	591.6	590.4	590.4	590.4	590.4
15°	574.4	574.4	574.4	574.4	575.6
17.5°	535.1	533.9	535.1	535.1	536.3
20°	494.6	493.4	494.6	494.6	494.6
22.5°	454.1	454.1	452.9	454.1	455.3
25°	414.8	413.6	413.6	414.8	413.6
27.5°	378.0	376.8	376.8	376.8	376.8
30°	343.7	341.2	341.2	342.4	342.4
32.5°	308.1	308.1	309.3	308.1	308.1
35°	279.8	278.6	278.6	279.8	279.8
37.5°	251.6	250.4	250.4	251.6	251.6
40°	227.1	227.1	225.8	227.1	227.1
42.5°	203.7	203.7	203.7	203.7	203.7
45°	184.1	182.9	182.9	182.9	182.9
47.5°	164.5	164.5	164.5	163.2	164.5
50°	148.5	147.3	147.3	147.3	147.3
52.5°	131.3	131.3	131.3	131.3	131.3
55°	116.6	116.6	116.6	116.6	116.6
57.5°	104.3	103.1	103.1	103.1	103.1
60°	92.1	92.1	90.8	92.1	92.1
62.5°	79.8	79.8	79.8	79.8	79.8
65°	70.0	70.0	70.0	70.0	70.0
67.5°	60.1	60.1	60.1	60.1	60.1
70°	50.3	50.3	50.3	50.3	50.3
72.5°	43.0	41.7	41.7	41.7	41.7
75°	34.4	34.4	33.1	34.4	34.4
77.5°	25.8	25.8	25.8	25.8	25.8
80°	19.6	19.6	19.6	18.4	19.6
82.5°	12.3	12.3	12.3	12.3	12.3
85°	6.1	6.1	6.1	6.1	6.1
87.5°	1.2	1.2	1.2	2.5	2.5



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)