

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: P1309777

Luminaire Tested: P3SQAS02R359040DE010 E3SQPHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1309777
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: P3SQAS02R359040DE010 E3SQPHLD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 4000K CCT AND, 90CRI , E3SQPHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

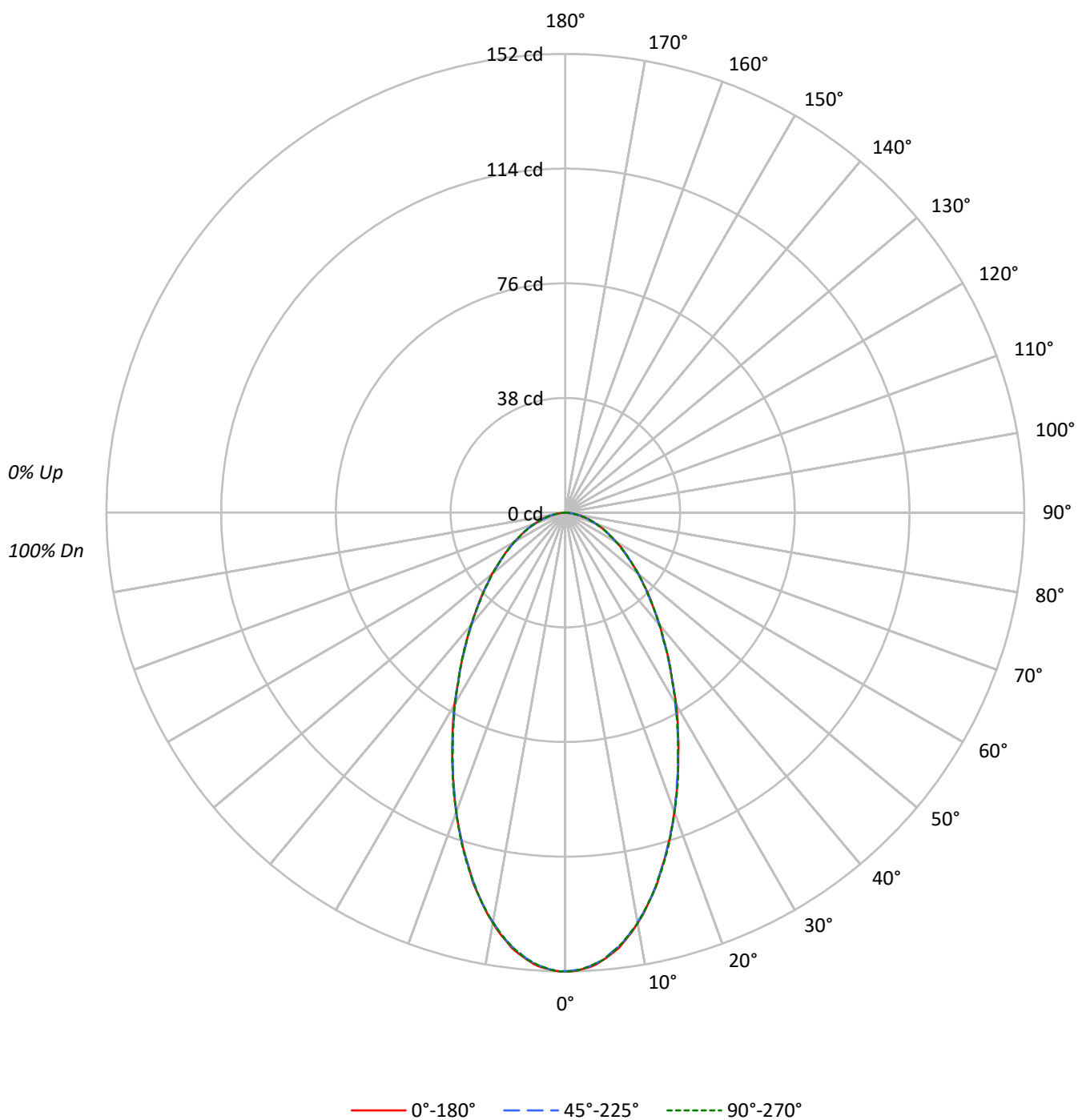
Lumens per Lamp: N/A
Luminaire Lumens: 202.9 lumens
Efficiency: N/A
Efficacy: 56.4 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.92
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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

TEST NUMBER: P1309777

CATALOG NUMBER: P3SQAS02R359040DE010 E3SQPHLD1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1309777

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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°	26178	26178	26178
5°	25673	25638	25673
10°	24151	24098	24151
15°	21859	21859	21913
20°	19354	19354	19354
25°	16836	16779	16779
30°	14597	14477	14537
35°	12552	12510	12552
40°	10904	10836	10904
45°	9572	9499	9499
50°	8493	8413	8413
55°	7476	7476	7476
60°	6751	6682	6751
65°	6072	6072	6072
70°	5388	5388	5388
75°	4858	4724	4858
80°	4166	4166	4166
85°	2569	2569	2569

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 9572 cd/sqm

TEST NUMBER: P1309777

CATALOG NUMBER: P3SQAS02R359040DE010 E3SQPHLD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	13.8	6.8
10°-20°	34.2	16.9
20°-30°	40.6	20.0
30°-40°	37.3	18.4
40°-50°	30.3	14.9
50°-60°	22.4	11.1
60°-70°	14.8	7.3
70°-80°	7.7	3.8
80°-90°	1.7	0.8
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°	88.7	43.7
0°-40°	126.0	62.1
0°-60°	178.7	88.1
0°-90°	202.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	202.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	152	152	152	152	152	
5°	148	148	148	148	148	14
15°	123	123	123	123	123	34
25°	89	88	88	89	88	41
35°	60	60	60	60	60	37
45°	39	39	39	39	39	30
55°	25	25	25	25	25	23
65°	15	15	15	15	15	15
75°	7	7	7	7	7	8
85°	1	1	1	1	1	2
90°	0	0	0	0	0	

TEST NUMBER: P1309777

CATALOG NUMBER: P3SQAS02R359040DE010 E3SQPHLD1MW

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	152.0	152.0	152.0	152.0	152.0
1°	152.0	151.7	151.7	151.7	152.0
2°	151.4	151.4	151.4	151.4	151.4
3°	150.9	150.6	150.6	150.6	150.6
4°	149.9	149.6	149.6	149.6	149.6
5°	148.5	148.3	148.3	148.3	148.5
6°	147.0	146.7	146.5	146.5	146.7
7°	145.4	144.9	144.9	144.9	144.9
8°	143.0	142.8	142.8	142.8	142.8
9°	140.7	140.2	140.4	140.4	140.4
10°	138.1	137.8	137.8	137.8	138.1
11°	135.4	135.2	135.2	134.9	135.2
12°	132.3	132.3	132.3	132.3	132.3
13°	129.4	129.2	129.2	129.2	129.4
14°	126.3	126.0	126.0	126.0	126.0
15°	122.6	122.6	122.6	122.6	122.9
17.5°	114.2	114.0	114.2	114.2	114.5
20°	105.6	105.3	105.6	105.6	105.6
22.5°	96.9	96.9	96.7	96.9	97.2
25°	88.6	88.3	88.3	88.6	88.3
27.5°	80.7	80.4	80.4	80.4	80.4
30°	73.4	72.8	72.8	73.1	73.1
32.5°	65.8	65.8	66.0	65.8	65.8
35°	59.7	59.5	59.5	59.7	59.7
37.5°	53.7	53.4	53.4	53.7	53.7
40°	48.5	48.5	48.2	48.5	48.5
42.5°	43.5	43.5	43.5	43.5	43.5
45°	39.3	39.0	39.0	39.0	39.0
47.5°	35.1	35.1	35.1	34.8	35.1
50°	31.7	31.4	31.4	31.4	31.4
52.5°	28.0	28.0	28.0	28.0	28.0
55°	24.9	24.9	24.9	24.9	24.9
57.5°	22.3	22.0	22.0	22.0	22.0
60°	19.6	19.6	19.4	19.6	19.6
62.5°	17.0	17.0	17.0	17.0	17.0
65°	14.9	14.9	14.9	14.9	14.9
67.5°	12.8	12.8	12.8	12.8	12.8
70°	10.7	10.7	10.7	10.7	10.7
72.5°	9.2	8.9	8.9	8.9	8.9
75°	7.3	7.3	7.1	7.3	7.3
77.5°	5.5	5.5	5.5	5.5	5.5
80°	4.2	4.2	4.2	3.9	4.2
82.5°	2.6	2.6	2.6	2.6	2.6
85°	1.3	1.3	1.3	1.3	1.3
87.5°	0.3	0.3	0.3	0.5	0.5



TEST NUMBER: P1309777

CATALOG NUMBER: P3SQAS02R359040DE010 E3SQPHLD1MW

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)