

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: P1313881

Luminaire Tested: P3SQAS02R259735DE010 E3SQPHL1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1313881
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-8)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS02R259735DE010 E3SQPHL1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 97CRI , E3SQPHL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

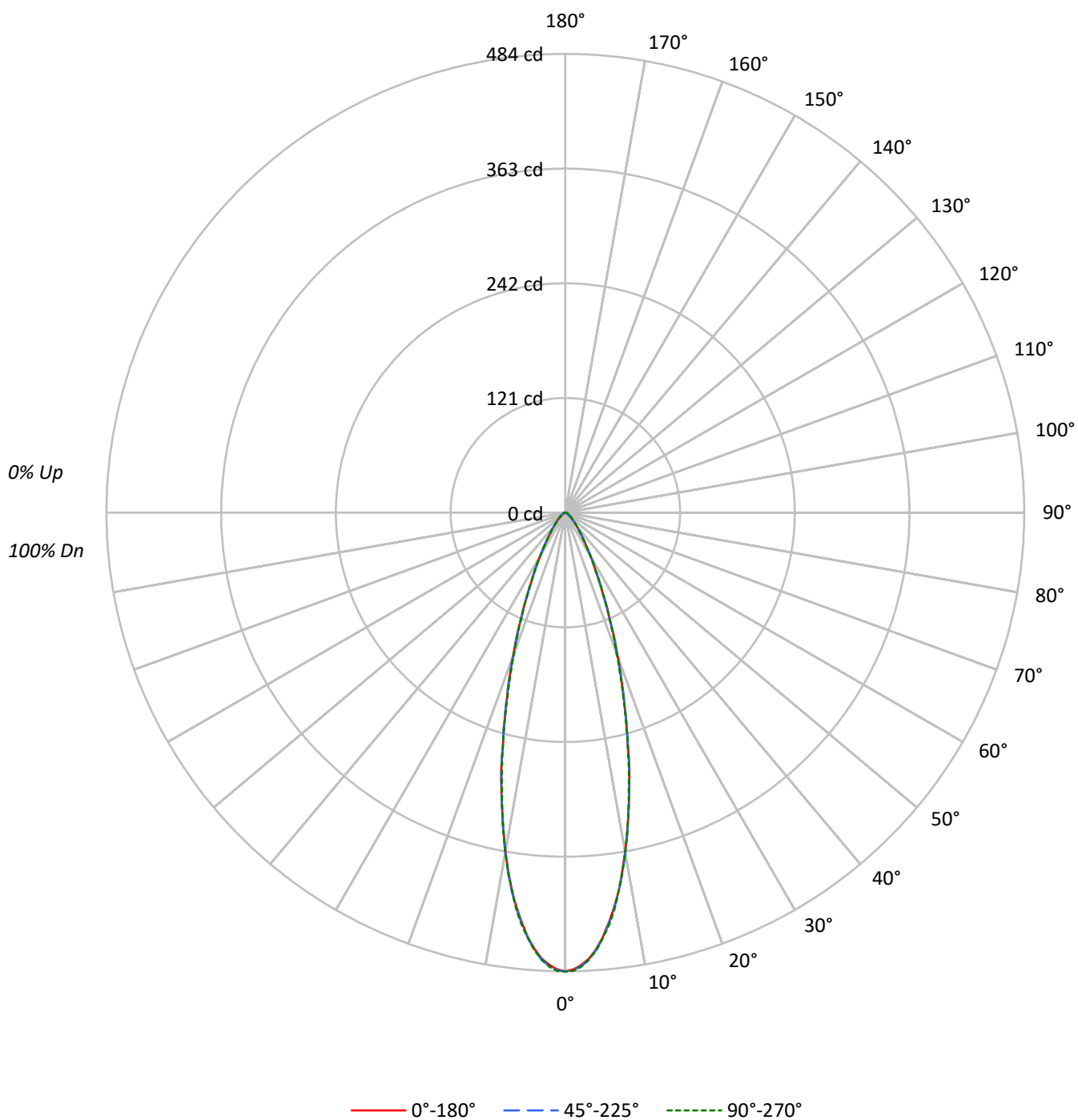
Lumens per Lamp: N/A
Luminaire Lumens: 194.0 lumens
Efficiency: N/A
Efficacy: 53.9 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.54
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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

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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	114	111	109	107	111	109	107	105	105	103	102		101	100	99		98
2	109	104	100	97	106	102	99	96	99	96	94		96	94	92		93
3	104	98	93	89	102	96	92	89	94	90	87		91	88	86		89
4	99	92	87	83	97	91	86	83	89	85	82		87	84	81		85
5	95	87	82	78	93	86	81	78	85	80	77		83	79	76		82
6	91	83	78	74	90	82	77	73	81	76	73		79	76	73		78
7	87	79	74	70	86	78	73	70	77	73	69		76	72	69		75
8	84	76	70	67	83	75	70	66	74	69	66		73	69	66		72
9	81	72	67	64	80	72	67	63	71	66	63		70	66	63		69
10	78	69	64	61	77	69	64	61	68	64	61		67	63	60		67

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	83390	83390	83390
5°	77831	77917	77952
10°	63481	63674	63674
15°	45341	45591	45341
20°	29672	29379	28976
25°	17634	17729	17634
30°	10619	10619	10580
35°	6476	6518	6476
40°	4114	4182	4182
45°	2874	2874	2874
50°	2063	2117	2117
55°	1621	1621	1711
60°	1309	1412	1412
65°	1182	1182	1182
70°	1007	1007	1158
75°	932	932	1065
80°	893	893	893
85°	395	395	395

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 2874 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	40.2	20.7
10°-20°	70.1	36.2
20°-30°	44.1	22.7
30°-40°	20.2	10.4
40°-50°	9.4	4.9
50°-60°	5.1	2.6
60°-70°	3.0	1.5
70°-80°	1.6	0.8
80°-90°	0.3	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°-30°	154.5	79.6
0°-40°	174.6	90.0
0°-60°	189.1	97.5
0°-90°	194.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	194.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	484	484	484	484	484	
5°	450	451	451	451	451	40
15°	254	256	256	256	254	70
25°	93	94	93	93	93	44
35°	31	31	31	31	31	20
45°	12	12	12	12	12	9
55°	5	5	5	6	6	5
65°	3	3	3	3	3	3
75°	1	1	1	2	2	2
85°	0	0	0	0	0	0
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	484.2	484.2	484.2	484.2	484.2
1°	482.1	482.6	483.0	483.7	483.5
2°	477.6	478.5	478.7	479.6	479.4
3°	471.5	471.3	473.1	473.1	471.9
4°	462.0	462.4	462.9	463.3	463.6
5°	450.2	451.1	450.7	451.1	450.9
6°	435.7	437.1	436.8	437.3	438.0
7°	420.3	421.2	421.2	420.8	422.6
8°	403.6	402.9	404.0	403.6	403.3
9°	383.6	385.0	385.2	384.1	384.5
10°	363.0	363.9	364.1	364.8	364.1
11°	342.6	342.6	343.1	344.2	342.4
12°	320.4	322.5	320.4	321.3	320.4
13°	299.4	299.8	299.4	299.2	297.6
14°	279.5	277.9	278.3	276.5	276.7
15°	254.3	255.9	255.7	256.1	254.3
17.5°	204.5	205.4	205.2	204.7	202.5
20°	161.9	161.9	160.3	159.4	158.1
22.5°	123.6	123.2	122.5	121.8	122.3
25°	92.8	94.0	93.3	93.3	92.8
27.5°	70.2	71.6	70.4	69.7	70.2
30°	53.4	53.9	53.4	53.2	53.2
32.5°	40.3	40.5	40.3	40.3	40.3
35°	30.8	30.8	31.0	31.0	30.8
37.5°	23.8	23.8	23.8	23.8	24.0
40°	18.3	18.6	18.6	18.6	18.6
42.5°	14.5	14.7	14.7	14.7	14.7
45°	11.8	11.8	11.8	11.8	11.8
47.5°	9.5	9.5	9.5	9.5	9.7
50°	7.7	7.9	7.9	7.9	7.9
52.5°	6.6	6.6	6.6	6.6	6.6
55°	5.4	5.4	5.4	5.7	5.7
57.5°	4.5	4.5	4.8	4.8	4.8
60°	3.8	4.1	4.1	4.1	4.1
62.5°	3.4	3.4	3.6	3.6	3.6
65°	2.9	2.9	2.9	2.9	2.9
67.5°	2.5	2.5	2.5	2.5	2.7
70°	2.0	2.0	2.0	2.3	2.3
72.5°	1.8	1.8	1.8	1.8	1.8
75°	1.4	1.4	1.4	1.6	1.6
77.5°	1.1	1.1	1.1	1.1	1.1
80°	0.9	0.9	0.9	0.9	0.9
82.5°	0.5	0.5	0.7	0.7	0.7
85°	0.2	0.2	0.2	0.2	0.2
87.5°	0.0	0.0	0.0	0.0	0.0



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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)