

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: P1316702

Luminaire Tested: P3SQAS02R359830DE010 E3SQPH1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1316702
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-5)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS02R359830DE010 E3SQPH1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 98CRI , E3SQPH1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

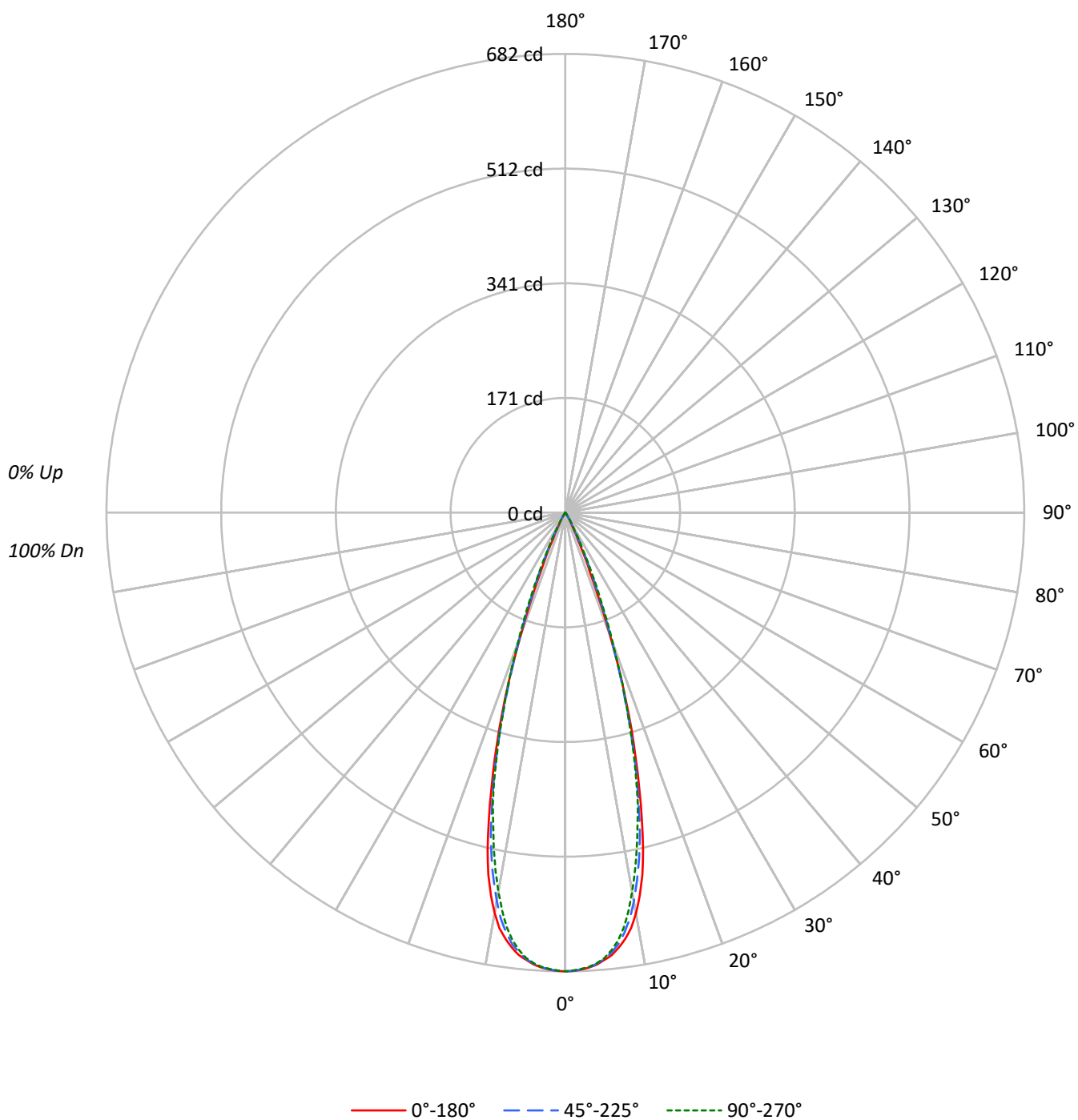
Lumens per Lamp: N/A
Luminaire Lumens: 207.0 lumens
Efficiency: N/A
Efficacy: 57.5 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.56 / 0.51
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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	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	99	98
1	115	113	111	109	113	111	109	108	107	106	104	103	102	101	100	99	98	97	96	95
2	111	108	105	102	109	106	103	101	103	101	99	100	98	97	97	96	95	93	92	91
3	108	103	100	97	106	102	99	96	99	97	94	97	95	93	95	93	92	90	89	87
4	104	99	95	92	103	98	94	92	96	93	91	94	92	90	93	90	89	87	85	82
5	101	95	91	88	100	95	91	88	93	90	87	92	89	87	90	88	86	85	83	81
6	98	92	88	85	97	91	88	85	90	87	84	89	86	84	88	85	83	82	80	77
7	96	89	85	82	94	89	85	82	87	84	81	86	83	81	85	83	81	79	77	75
8	93	86	82	79	92	86	82	79	85	81	79	84	81	79	83	80	78	76	74	73
9	90	84	80	77	89	83	79	77	82	79	76	82	79	76	81	78	76	74	72	70
10	88	81	77	75	87	81	77	74	80	77	74	80	76	74	79	76	74	72	70	68

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	117456	117456	117456
5°	115432	115190	114948
10°	105802	102619	100118
15°	75759	73334	72442
20°	35134	36344	37608
25°	8342	11858	12371
30°	2446	2804	3162
35°	568	904	820
40°	112	247	157
45°	49	49	49
50°	54	0	54
55°	0	0	0
60°	0	0	0
65°	0	0	0
70°	0	0	0
75°	0	0	0
80°	0	0	0
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 52.5°
Luminance: 57 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	61.2	29.6
10°-20°	109.5	52.9
20°-30°	32.9	15.9
30°-40°	3.1	1.5
40°-50°	0.2	0.1
50°-60°	0.0	0.0
60°-70°	0.0	0.0
70°-80°	0.0	0.0
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°	203.6	98.4
0°-40°	206.8	99.9
0°-60°	207.0	100.0
0°-90°	207.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	207.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	682	682	682	682	682	
5°	668	668	666	665	665	62
15°	425	422	411	410	406	112
25°	44	48	62	65	65	28
35°	3	4	4	5	4	2
45°	0	0	0	0	0	0
55°	0	0	0	0	0	0
65°	0	0	0	0	0	0
75°	0	0	0	0	0	0
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°	682.0	682.0	682.0	682.0	682.0
1°	681.6	681.6	681.3	681.3	680.6
2°	680.0	680.2	679.5	679.3	678.8
3°	677.5	677.0	677.0	676.6	676.3
4°	673.6	672.5	672.2	672.4	671.7
5°	667.7	667.6	666.3	665.4	664.9
6°	661.3	660.1	657.4	655.1	654.5
7°	651.7	649.0	646.7	641.9	641.2
8°	639.9	635.6	630.6	623.9	623.5
9°	625.5	618.5	611.6	602.5	599.3
10°	605.0	598.5	586.8	578.8	572.5
11°	579.5	571.4	557.7	548.1	542.9
12°	550.6	543.1	527.1	518.3	511.0
13°	513.5	507.3	492.3	482.7	476.9
14°	470.5	465.9	451.6	447.4	445.4
15°	424.9	421.7	411.3	409.6	406.3
17.5°	312.7	307.4	301.5	302.6	303.6
20°	191.7	199.2	198.3	202.2	205.2
22.5°	95.6	105.2	116.4	123.2	126.6
25°	43.9	48.3	62.4	65.1	65.1
27.5°	22.1	23.2	29.4	30.0	31.4
30°	12.3	13.2	14.1	15.7	15.9
32.5°	6.2	7.3	7.7	8.6	8.2
35°	2.7	3.6	4.3	4.6	3.9
37.5°	1.2	1.6	2.3	2.1	1.6
40°	0.5	0.7	1.1	0.9	0.7
42.5°	0.4	0.4	0.5	0.4	0.4
45°	0.2	0.2	0.2	0.2	0.2
47.5°	0.2	0.2	0.0	0.2	0.2
50°	0.2	0.0	0.0	0.0	0.2
52.5°	0.2	0.0	0.0	0.0	0.2
55°	0.0	0.0	0.0	0.0	0.0
57.5°	0.0	0.0	0.0	0.0	0.0
60°	0.0	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0
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)