

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: P1309597

Luminaire Tested: P3SQAS24R359035D010 E3SQPH1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1309597
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: P3SQAS24R359035D010 E3SQPH1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 90CRI , E3SQPH1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

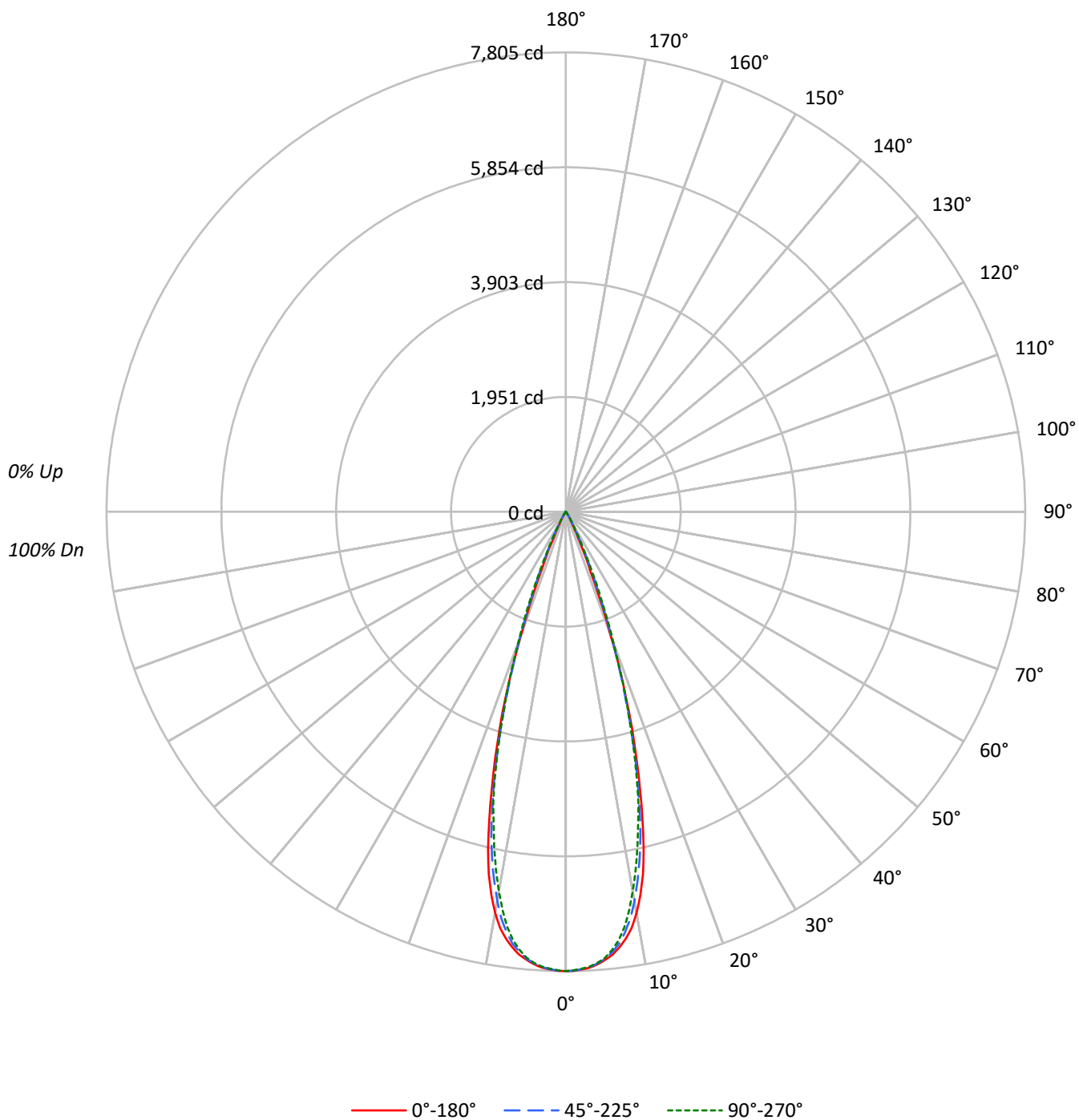
Lumens per Lamp: N/A
Luminaire Lumens: 2369.0 lumens
Efficiency: N/A
Efficacy: 82.3 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.56 / 0.51
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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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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	94	93	92
3	108	103	100	97	106	102	99	96	99	97	94	97	95	93	95	93	92	91	90	89
4	104	99	95	92	103	98	94	92	96	93	91	94	92	90	93	90	89	88	87	86
5	101	95	91	88	100	95	91	88	93	90	87	92	89	87	90	88	86	85	84	83
6	98	92	88	85	97	91	88	85	90	87	84	89	86	84	88	85	83	82	81	80
7	96	89	85	82	94	89	85	82	87	84	81	86	83	81	85	83	81	80	79	78
8	93	86	82	79	92	86	82	79	85	81	79	84	81	79	83	80	78	77	76	75
9	90	84	80	77	89	83	79	77	82	79	76	82	79	76	81	78	76	75	74	73
10	88	81	77	75	87	81	77	74	80	77	74	80	76	74	79	76	74	73	72	71

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	1344198	1344198	1344198
5°	1321118	1318300	1315465
10°	1210778	1174385	1145828
15°	866992	839338	829157
20°	402033	415870	430459
25°	95393	135717	141532
30°	28000	32057	36114
35°	6433	10302	9440
40°	1371	2743	1844
45°	487	487	487
50°	536	0	536
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: 566 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	700.7	29.6
10°-20°	1252.7	52.9
20°-30°	376.9	15.9
30°-40°	36.1	1.5
40°-50°	2.4	0.1
50°-60°	0.2	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°	2330.3	98.4
0°-40°	2366.4	99.9
0°-60°	2369.0	100.0
0°-90°	2369.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2369.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	7805	7805	7805	7805	7805	
5°	7642	7640	7626	7615	7609	709
15°	4863	4826	4708	4687	4650	1284
25°	502	553	714	745	745	323
35°	31	41	49	53	45	28
45°	2	2	2	2	2	2
55°	0	0	0	0	0	1
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°	7805.0	7805.0	7805.0	7805.0	7805.0
1°	7801.0	7801.0	7796.9	7796.9	7788.7
2°	7782.6	7784.6	7776.5	7774.4	7768.3
3°	7754.0	7747.9	7747.9	7743.8	7739.7
4°	7709.1	7696.9	7692.8	7694.8	7686.7
5°	7641.8	7639.8	7625.5	7615.3	7609.1
6°	7568.3	7554.0	7523.4	7496.9	7490.8
7°	7458.1	7427.5	7401.0	7345.9	7337.8
8°	7323.5	7274.5	7217.4	7139.8	7135.7
9°	7158.2	7078.6	6999.0	6895.0	6858.2
10°	6923.5	6850.1	6715.4	6623.6	6552.1
11°	6631.7	6539.9	6382.8	6272.6	6213.4
12°	6301.2	6215.5	6031.8	5931.8	5848.2
13°	5876.7	5805.3	5633.9	5523.7	5458.4
14°	5385.0	5331.9	5168.7	5119.7	5097.2
15°	4862.6	4825.9	4707.5	4687.1	4650.4
17.5°	3579.1	3517.9	3450.5	3462.8	3475.0
20°	2193.6	2279.3	2269.1	2314.0	2348.7
22.5°	1093.7	1203.9	1332.5	1410.0	1448.8
25°	502.0	553.0	714.2	744.8	744.8
27.5°	253.0	265.3	336.7	342.8	359.1
30°	140.8	151.0	161.2	179.6	181.6
32.5°	71.4	83.7	87.7	97.9	93.9
35°	30.6	40.8	49.0	53.1	44.9
37.5°	14.3	18.4	26.5	24.5	18.4
40°	6.1	8.2	12.2	10.2	8.2
42.5°	4.1	4.1	6.1	4.1	4.1
45°	2.0	2.0	2.0	2.0	2.0
47.5°	2.0	2.0	0.0	2.0	2.0
50°	2.0	0.0	0.0	0.0	2.0
52.5°	2.0	0.0	0.0	0.0	2.0
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)