

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: P1309558

Luminaire Tested: P3SQAS24R259035D010 E3SQCD1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1309558
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-23)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS24R259035D010 E3SQCD1MB
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 90CRI , E3SQCD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

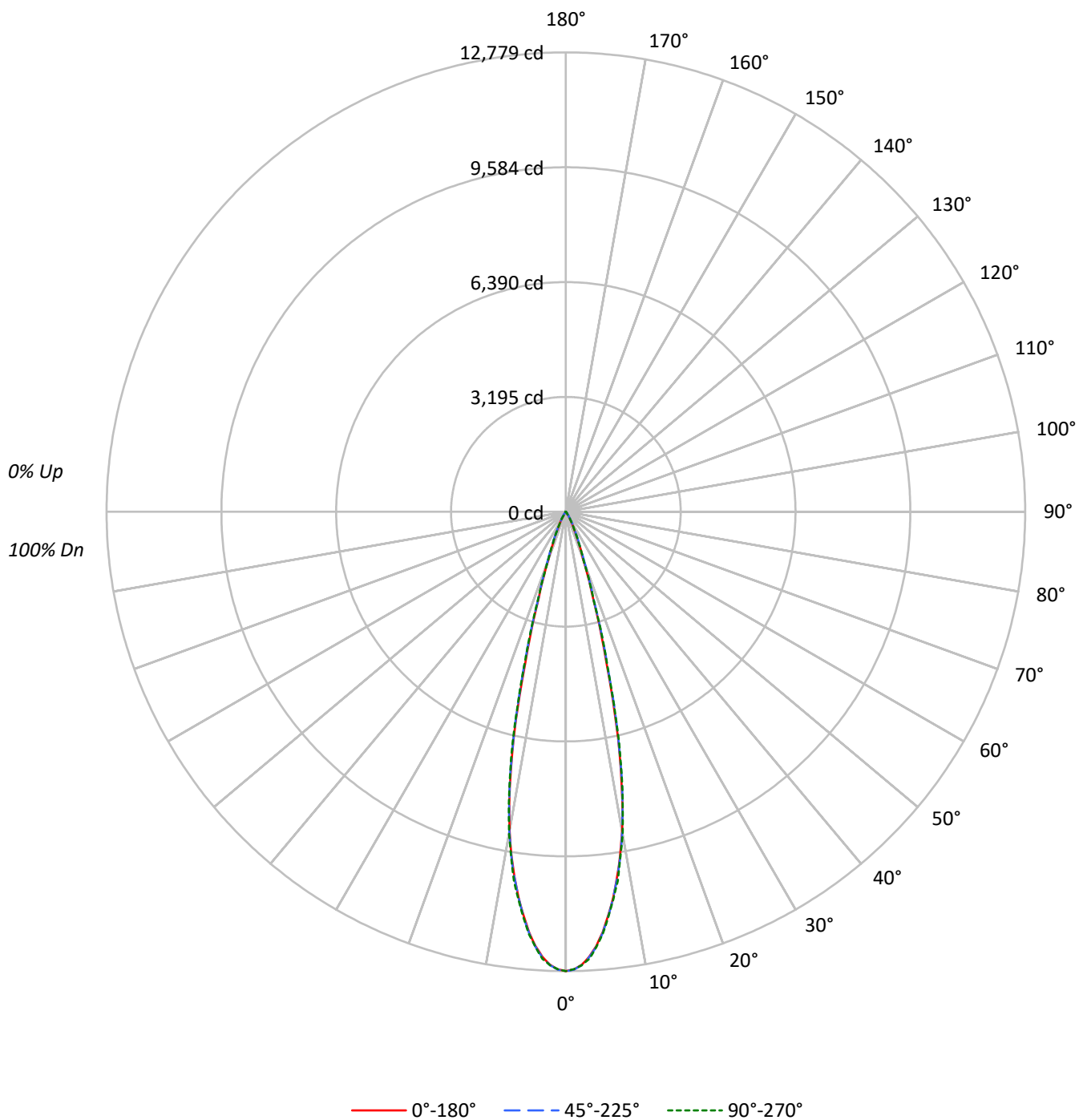
Lumens per Lamp: N/A
Luminaire Lumens: 2660.0 lumens
Efficiency: N/A
Efficacy: 92.4 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.45 / 0.41
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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	99
1	115	113	111	110	113	111	110	108	107	106	105	103	103	102	100	99	99	97	96	96
2	112	108	105	103	110	107	104	102	104	102	100	101	99	98	98	97	96	94	93	93
3	108	104	101	98	107	103	100	97	100	98	96	98	96	94	96	94	93	92	91	91
4	105	100	97	94	104	99	96	93	97	95	92	96	93	91	94	92	90	89	88	88
5	103	97	93	90	101	96	93	90	95	92	89	93	91	89	92	90	88	87	86	86
6	100	94	90	87	99	93	90	87	92	89	87	91	88	86	90	87	85	84	83	83
7	97	91	87	85	96	91	87	84	90	86	84	89	86	84	88	85	83	82	81	81
8	95	89	85	82	94	88	85	82	87	84	82	87	84	82	86	83	81	80	79	79
9	93	86	83	80	92	86	82	80	85	82	80	85	82	80	84	81	79	78	77	77
10	91	84	81	78	90	84	80	78	83	80	78	83	80	78	82	79	77	76	75	75

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	2200850	2200850	2200850
5°	2029323	2033905	2038140
10°	1575629	1581347	1589917
15°	778663	811399	811773
20°	262194	279770	267417
25°	108581	120610	111679
30°	42617	53574	43015
35°	11164	21887	11585
40°	4137	8723	4137
45°	487	2484	487
50°	0	536	0
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: 45°

Vertical Angle: 45°

Luminance: 2484 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1035.5	38.9
10°-20°	1252.5	47.1
20°-30°	305.8	11.5
30°-40°	59.4	2.2
40°-50°	6.7	0.3
50°-60°	0.1	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°	2593.8	97.5
0°-40°	2653.2	99.7
0°-60°	2660.0	100.0
0°-90°	2660.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2660.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	12779	12779	12779	12779	12779	
5°	11738	11755	11765	11816	11789	1032
15°	4367	4471	4551	4596	4553	1230
25°	571	602	635	608	588	291
35°	53	76	104	76	55	47
45°	2	6	10	6	2	4
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°	12779.1	12779.1	12779.1	12779.1	12779.1
1°	12730.1	12738.3	12740.3	12752.5	12728.1
2°	12613.8	12615.8	12621.9	12646.4	12624.0
3°	12399.5	12413.8	12415.8	12448.5	12454.6
4°	12107.7	12115.8	12132.2	12187.3	12138.3
5°	11738.3	11754.6	11764.8	11815.8	11789.3
6°	11281.2	11285.3	11307.7	11366.9	11330.2
7°	10815.9	10813.8	10815.9	10862.8	10852.6
8°	10254.7	10244.5	10277.1	10334.3	10373.0
9°	9669.0	9683.3	9703.7	9758.8	9713.9
10°	9009.8	9048.6	9042.5	9046.6	9091.5
11°	8250.7	8262.9	8265.0	8307.8	8301.7
12°	7358.9	7358.9	7426.2	7495.6	7473.2
13°	6458.9	6522.2	6477.3	6491.6	6581.4
14°	5410.0	5459.0	5520.2	5577.3	5532.4
15°	4367.2	4471.2	4550.8	4595.7	4552.9
17.5°	2501.9	2536.6	2604.0	2612.1	2585.6
20°	1430.6	1473.4	1526.5	1510.1	1459.1
22.5°	900.0	912.2	965.3	938.7	926.5
25°	571.4	602.0	634.7	608.1	587.7
27.5°	355.1	375.5	410.2	381.6	359.2
30°	214.3	232.6	269.4	230.6	216.3
32.5°	112.2	138.8	169.4	140.8	112.2
35°	53.1	75.5	104.1	75.5	55.1
37.5°	32.7	40.8	63.3	40.8	32.7
40°	18.4	26.5	38.8	26.5	18.4
42.5°	8.2	14.3	18.4	14.3	10.2
45°	2.0	6.1	10.2	6.1	2.0
47.5°	0.0	0.0	6.1	2.0	0.0
50°	0.0	0.0	2.0	0.0	0.0
52.5°	0.0	0.0	0.0	0.0	0.0
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)