

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: P1308474

Luminaire Tested: P3SQAS24R359030D010 E3SQCD1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1308474
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-25)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS24R359030D010 E3SQCD1MB
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 90CRI , E3SQCD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

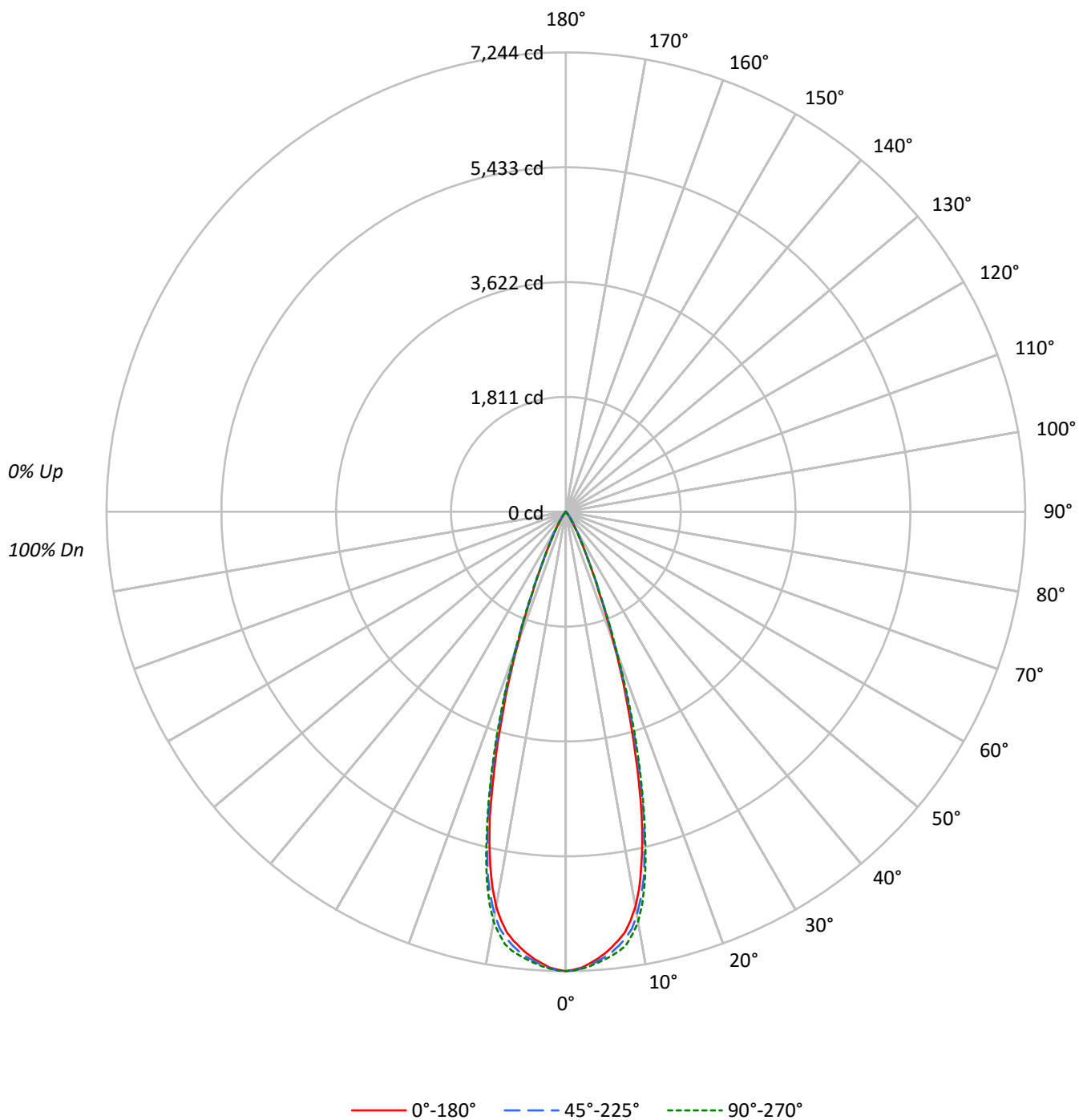
Lumens per Lamp: N/A
Luminaire Lumens: 2412.0 lumens
Efficiency: N/A
Efficacy: 83.7 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.58 / 0.52
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1308474

CATALOG NUMBER: P3SQAS24R359030D010 E3SQCD1MB

Luminous Intensity Polar Plot



TEST NUMBER: P1308474

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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	107	107	105	104	103	102	101	100	99	98	96	95	94
2	111	107	104	102	109	106	103	100	102	100	98	100	98	96	97	96	94	93	92	91
3	107	102	99	96	105	101	98	95	99	96	94	96	94	92	94	92	91	89	88	87
4	104	98	94	91	102	97	93	90	95	92	89	93	91	88	92	89	87	86	85	84
5	100	94	90	87	99	93	90	87	92	88	86	90	87	85	89	86	84	83	82	81
6	97	91	86	83	96	90	86	83	89	85	83	88	84	82	86	84	82	80	79	78
7	94	88	83	80	93	87	83	80	86	82	80	85	82	79	84	81	79	77	76	75
8	91	85	80	77	91	84	80	77	83	80	77	82	79	77	81	79	76	74	73	72
9	89	82	78	75	88	81	77	75	81	77	74	80	77	74	79	76	74	71	70	69
10	86	79	75	72	85	79	75	72	78	75	72	78	74	72	77	74	72	69	67	65

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	1247632	1247632	1247632
5°	1209783	1218375	1224979
10°	1105500	1128899	1148276
15°	795013	829763	836574
20°	404746	425053	426116
25°	153561	156829	152477
30°	59640	69146	58128
35°	20478	32125	19279
40°	6880	12455	6452
45°	463	4189	463
50°	0	509	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: 4189 cd/sqm

TEST NUMBER: P1308474

CATALOG NUMBER: P3SQAS24R359030D010 E3SQCD1MB

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	655.8	27.2
10°-20°	1221.8	50.7
20°-30°	439.1	18.2
30°-40°	85.7	3.6
40°-50°	9.5	0.4
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°	2316.7	96.0
0°-40°	2402.4	99.6
0°-60°	2412.0	100.0
0°-90°	2412.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2412.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	7244	7244	7244	7244	7244	
5°	6998	7017	7048	7080	7086	648
15°	4459	4533	4654	4686	4692	1185
25°	808	816	825	820	802	424
35°	97	111	153	113	92	72
45°	2	6	17	6	2	5
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	

TEST NUMBER: P1308474

CATALOG NUMBER: P3SQAS24R359030D010 E3SQCD1MB

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	7244.3	7244.3	7244.3	7244.3	7244.3
1°	7223.3	7232.8	7234.7	7248.1	7232.8
2°	7192.7	7198.4	7206.1	7217.5	7209.9
3°	7133.5	7144.9	7162.1	7177.4	7177.4
4°	7070.4	7085.7	7106.7	7133.5	7131.6
5°	6997.8	7016.9	7047.5	7080.0	7085.7
6°	6906.1	6929.1	6978.7	7024.6	7032.2
7°	6808.7	6843.1	6890.8	6957.7	6974.9
8°	6694.1	6720.8	6789.6	6867.9	6887.0
9°	6526.0	6566.1	6654.0	6726.6	6738.0
10°	6321.5	6350.2	6455.3	6531.7	6566.1
11°	6057.9	6099.9	6203.1	6281.4	6304.4
12°	5721.7	5782.8	5903.2	5960.5	5979.6
13°	5358.7	5410.3	5503.9	5574.6	5589.9
14°	4949.9	4999.5	5097.0	5154.3	5140.9
15°	4458.9	4533.4	4653.8	4686.2	4692.0
17.5°	3293.5	3341.3	3448.3	3499.9	3536.2
20°	2208.4	2254.3	2319.2	2353.6	2325.0
22.5°	1343.0	1381.2	1415.6	1413.7	1404.2
25°	808.1	815.7	825.3	819.6	802.4
27.5°	471.9	492.9	521.5	502.4	473.8
30°	299.9	317.1	347.7	315.2	292.3
32.5°	158.6	200.6	233.1	189.1	166.2
35°	97.4	110.8	152.8	112.7	91.7
37.5°	59.2	68.8	95.5	66.9	53.5
40°	30.6	43.9	55.4	40.1	28.7
42.5°	9.6	21.0	30.6	19.1	9.6
45°	1.9	5.7	17.2	5.7	1.9
47.5°	0.0	0.0	7.6	1.9	0.0
50°	0.0	0.0	1.9	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



TEST NUMBER: P1308474

CATALOG NUMBER: P3SQAS24R359030D010 E3SQCD1MB

CANDELA DISTRIBUTION (continued):

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

(END OF REPORT)