

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: P1309594

Luminaire Tested: P3SQAS24R359035D010 E3SQCD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1309594
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-37)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS24R359035D010 E3SQCD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 90CRI , E3SQCD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

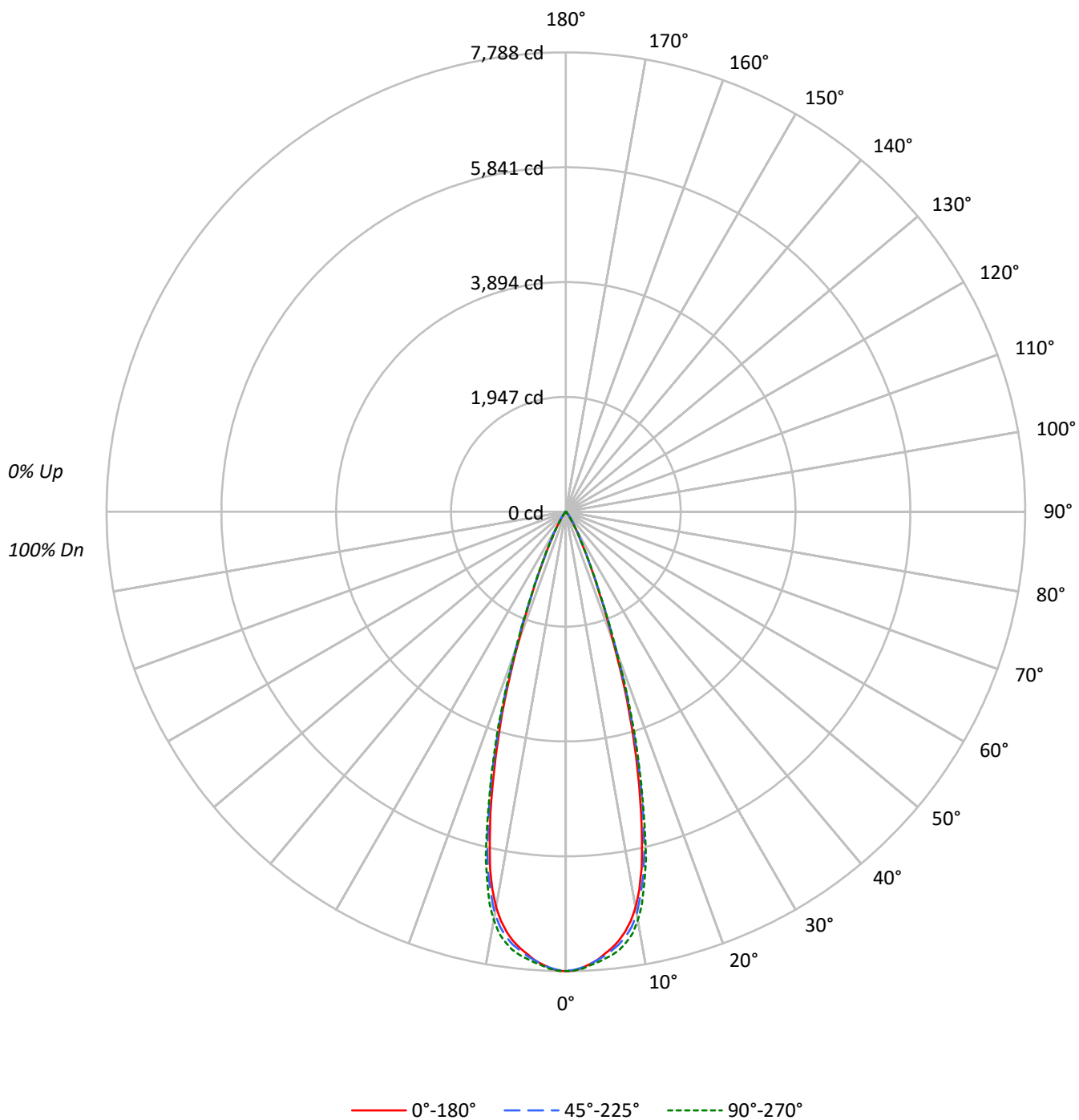
Lumens per Lamp: N/A
Luminaire Lumens: 2615.9 lumens
Efficiency: N/A
Efficacy: 90.8 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.58 / 0.52
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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

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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	115	113	111	109	112	110	109	107	106	105	104		103	102	101		99
2	111	107	104	101	109	105	103	100	102	100	98		99	98	96		97
3	107	102	98	95	105	101	97	95	98	96	93		96	94	92		94
4	103	98	94	91	102	97	93	90	95	92	89		93	90	88		91
5	100	94	90	86	99	93	89	86	91	88	85		90	87	85		89
6	97	90	86	83	96	90	86	83	88	85	82		87	84	82		86
7	94	87	83	80	93	87	82	79	85	82	79		84	81	79		83
8	91	84	80	77	90	84	79	77	83	79	76		82	78	76		81
9	88	81	77	74	88	81	77	74	80	76	74		79	76	74		79
10	86	79	75	72	85	78	74	72	78	74	71		77	74	71		76

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	1341253	1341253	1341253
5°	1301548	1306129	1314964
10°	1190579	1211285	1229857
15°	854618	885909	895020
20°	429873	454945	456063
25°	162929	167965	168744
30°	66163	75907	64949
35°	24031	36478	23169
40°	10094	15603	9645
45°	2484	6454	2484
50°	1634	2733	1634
55°	1832	1832	1832
60°	2101	2101	2101
65°	1671	1671	1671
70°	1007	1007	1007
75°	1331	1331	1331
80°	1984	1984	1984
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°

Vertical Angle: 45°

Luminance: 6454 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	704.1	26.9
10°-20°	1311.8	50.1
20°-30°	471.8	18.0
30°-40°	99.1	3.8
40°-50°	17.1	0.7
50°-60°	5.6	0.2
60°-70°	4.0	0.2
70°-80°	2.1	0.1
80°-90°	0.3	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°	2487.7	95.1
0°-40°	2586.8	98.9
0°-60°	2609.4	99.8
0°-90°	2615.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2615.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	7788	7788	7788	7788	7788	
5°	7529	7543	7555	7606	7606	698
15°	4793	4877	4969	5022	5020	1276
25°	857	870	884	892	888	456
35°	114	135	174	133	110	87
45°	10	16	26	16	10	12
55°	6	6	6	6	6	5
65°	4	4	4	4	4	4
75°	2	2	2	2	2	2
85°	0	0	0	0	0	1
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	7787.9	7787.9	7787.9	7787.9	7787.9
1°	7783.8	7783.8	7767.5	7785.8	7779.7
2°	7740.9	7745.0	7734.8	7757.2	7755.2
3°	7681.7	7691.9	7683.8	7716.4	7706.2
4°	7618.4	7626.6	7622.5	7663.3	7659.3
5°	7528.6	7542.9	7555.1	7606.2	7606.2
6°	7436.7	7451.0	7477.6	7532.7	7551.1
7°	7330.6	7349.0	7391.8	7465.3	7477.6
8°	7195.9	7216.3	7275.5	7355.1	7371.4
9°	7028.5	7059.1	7126.5	7222.4	7232.6
10°	6808.0	6832.5	6926.4	7006.0	7032.6
11°	6522.2	6542.6	6626.3	6754.9	6771.3
12°	6175.2	6199.7	6307.9	6391.6	6407.9
13°	5736.3	5783.2	5913.9	5995.5	6040.4
14°	5285.1	5348.4	5442.3	5558.7	5530.1
15°	4793.2	4876.9	4968.7	5021.8	5019.8
17.5°	3586.7	3635.7	3717.4	3748.0	3788.8
20°	2345.5	2408.8	2482.3	2510.9	2488.4
22.5°	1455.5	1471.8	1494.3	1506.5	1502.5
25°	857.4	869.6	883.9	892.1	888.0
27.5°	516.5	545.0	565.5	541.0	526.7
30°	332.7	345.0	381.7	349.1	326.6
32.5°	198.0	226.6	257.2	218.4	189.8
35°	114.3	134.7	173.5	132.7	110.2
37.5°	73.5	83.7	112.3	81.7	71.4
40°	44.9	57.2	69.4	53.1	42.9
42.5°	22.5	34.7	40.8	30.6	22.5
45°	10.2	16.3	26.5	16.3	10.2
47.5°	6.1	8.2	16.3	8.2	6.1
50°	6.1	6.1	10.2	6.1	6.1
52.5°	6.1	6.1	6.1	6.1	6.1
55°	6.1	6.1	6.1	6.1	6.1
57.5°	6.1	6.1	6.1	6.1	6.1
60°	6.1	6.1	6.1	6.1	6.1
62.5°	4.1	4.1	4.1	4.1	4.1
65°	4.1	4.1	4.1	4.1	4.1
67.5°	4.1	4.1	4.1	4.1	4.1
70°	2.0	2.0	2.0	2.0	2.0
72.5°	2.0	2.0	2.0	2.0	2.0
75°	2.0	2.0	2.0	2.0	2.0
77.5°	2.0	2.0	2.0	2.0	2.0
80°	2.0	2.0	2.0	2.0	2.0
82.5°	2.0	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)