

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: P1311497

Luminaire Tested: P3SQAS17R359050DE010 E3SQCD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1311497
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: P3SQAS17R359050DE010 E3SQCD1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 5000K CCT AND, 90CRI , E3SQCD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

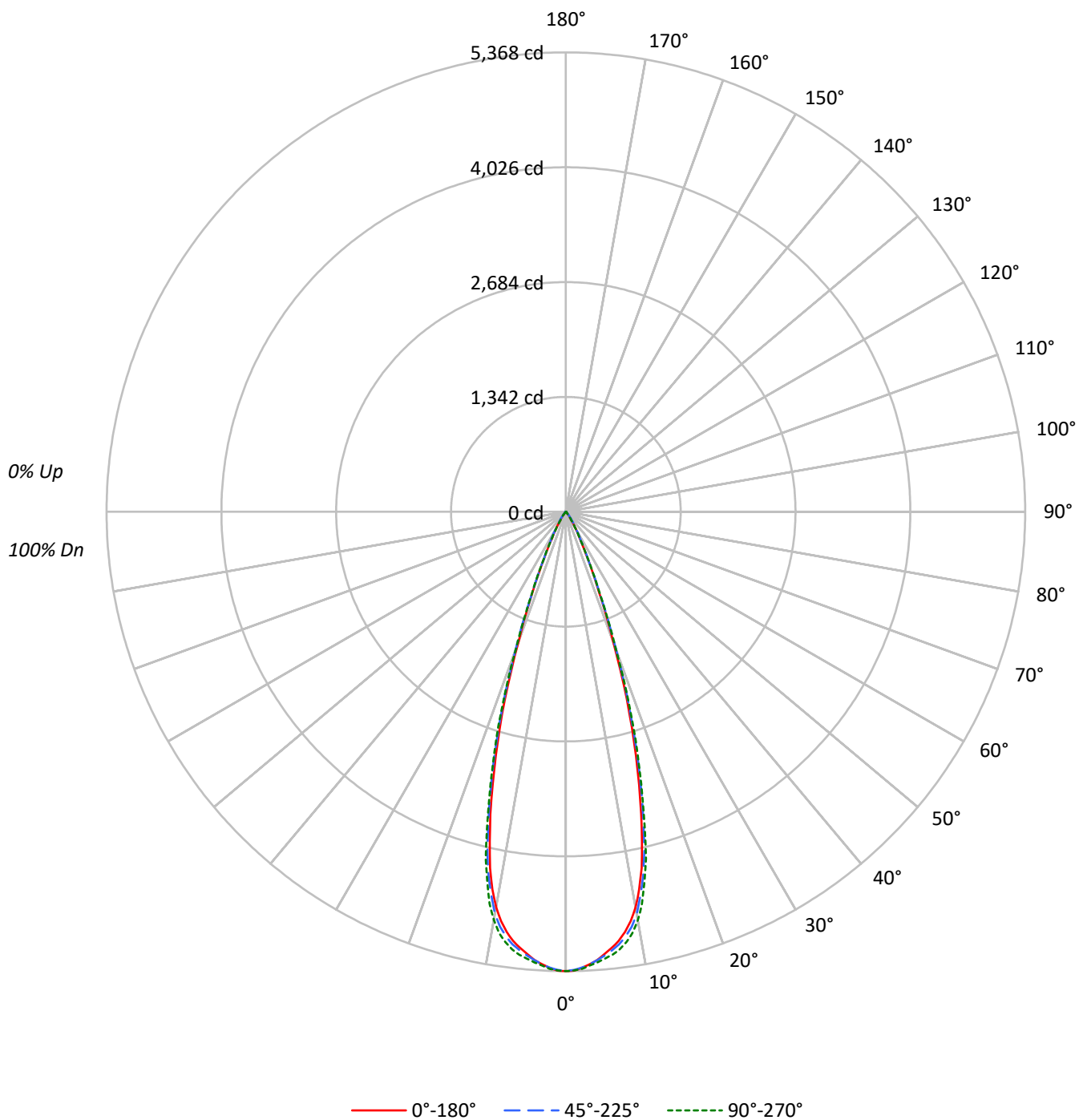
Lumens per Lamp: N/A
Luminaire Lumens: 1803.0 lumens
Efficiency: N/A
Efficacy: 85.0 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.58 / 0.52
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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°	924422	924422	924422
5°	897060	900223	906291
10°	820569	834840	847641
15°	589007	610581	616858
20°	296283	313566	314336
25°	112287	115764	116296
30°	45600	52322	44765
35°	16567	25145	15979
40°	6969	10746	6632
45°	1705	4457	1705
50°	1125	1876	1125
55°	1261	1261	1261
60°	1447	1447	1447
65°	1141	1141	1141
70°	705	705	705
75°	932	932	932
80°	1389	1389	1389
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°

Vertical Angle: 45°

Luminance: 4457 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	485.3	26.9
10°-20°	904.1	50.1
20°-30°	325.2	18.0
30°-40°	68.3	3.8
40°-50°	11.8	0.7
50°-60°	3.8	0.2
60°-70°	2.8	0.2
70°-80°	1.5	0.1
80°-90°	0.2	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°	1714.6	95.1
0°-40°	1782.9	98.9
0°-60°	1798.5	99.8
0°-90°	1803.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1803.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	5368	5368	5368	5368	5368	
5°	5189	5199	5207	5242	5242	481
15°	3304	3361	3424	3461	3460	879
25°	591	599	609	615	612	314
35°	79	93	120	92	76	60
45°	7	11	18	11	7	8
55°	4	4	4	4	4	4
65°	3	3	3	3	3	3
75°	1	1	1	1	1	1
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°	5367.6	5367.6	5367.6	5367.6	5367.6
1°	5364.7	5364.7	5353.5	5366.1	5361.9
2°	5335.2	5338.0	5331.0	5346.5	5345.0
3°	5294.4	5301.4	5295.8	5318.3	5311.3
4°	5250.8	5256.4	5253.6	5281.7	5278.9
5°	5188.9	5198.7	5207.2	5242.3	5242.3
6°	5125.6	5135.4	5153.7	5191.7	5204.3
7°	5052.4	5065.1	5094.6	5145.3	5153.7
8°	4959.5	4973.6	5014.4	5069.3	5080.5
9°	4844.2	4865.3	4911.7	4977.8	4984.9
10°	4692.2	4709.1	4773.8	4828.7	4847.0
11°	4495.2	4509.3	4567.0	4655.6	4666.9
12°	4256.1	4272.9	4347.5	4405.2	4416.4
13°	3953.6	3985.9	4076.0	4132.2	4163.2
14°	3642.6	3686.2	3751.0	3831.2	3811.5
15°	3303.5	3361.2	3424.5	3461.1	3459.7
17.5°	2472.0	2505.8	2562.1	2583.2	2611.3
20°	1616.6	1660.2	1710.9	1730.6	1715.1
22.5°	1003.2	1014.4	1029.9	1038.3	1035.5
25°	590.9	599.4	609.2	614.8	612.0
27.5°	356.0	375.7	389.7	372.8	363.0
30°	229.3	237.8	263.1	240.6	225.1
32.5°	136.5	156.2	177.3	150.5	130.8
35°	78.8	92.9	119.6	91.5	76.0
37.5°	50.7	57.7	77.4	56.3	49.2
40°	31.0	39.4	47.8	36.6	29.5
42.5°	15.5	23.9	28.1	21.1	15.5
45°	7.0	11.3	18.3	11.3	7.0
47.5°	4.2	5.6	11.3	5.6	4.2
50°	4.2	4.2	7.0	4.2	4.2
52.5°	4.2	4.2	4.2	4.2	4.2
55°	4.2	4.2	4.2	4.2	4.2
57.5°	4.2	4.2	4.2	4.2	4.2
60°	4.2	4.2	4.2	4.2	4.2
62.5°	2.8	2.8	2.8	2.8	2.8
65°	2.8	2.8	2.8	2.8	2.8
67.5°	2.8	2.8	2.8	2.8	2.8
70°	1.4	1.4	1.4	1.4	1.4
72.5°	1.4	1.4	1.4	1.4	1.4
75°	1.4	1.4	1.4	1.4	1.4
77.5°	1.4	1.4	1.4	1.4	1.4
80°	1.4	1.4	1.4	1.4	1.4
82.5°	1.4	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)