

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: P1314703

Luminaire Tested: P3SQAS20R359735D010 E3SQCD1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1314703
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: P3SQAS20R359735D010 E3SQCD1MB
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 97CRI , E3SQCD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

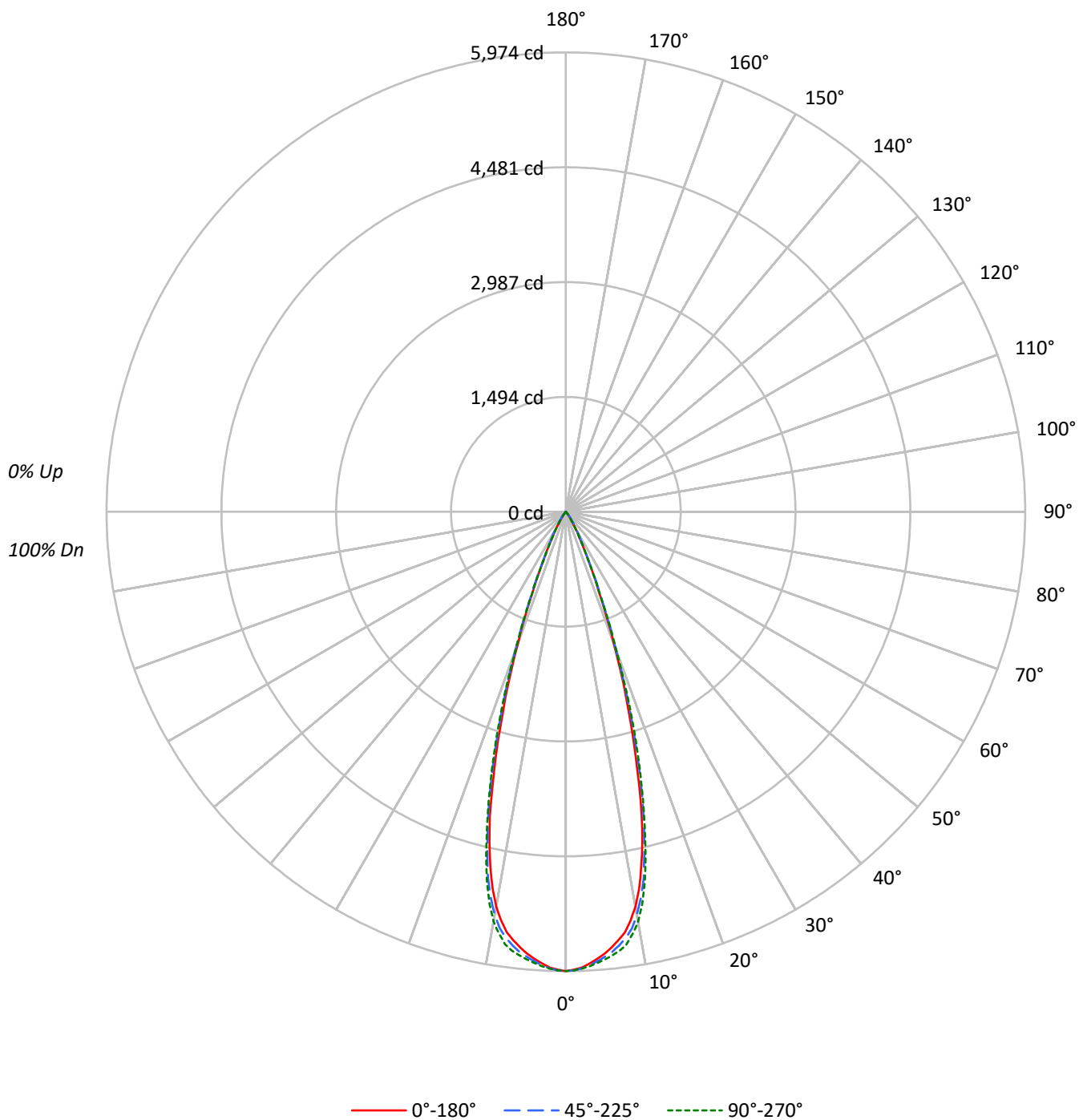
Lumens per Lamp: N/A
Luminaire Lumens: 1989.0 lumens
Efficiency: N/A
Efficacy: 69.1 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.58 / 0.52
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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	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	100	100
1	115	113	111	109	113	111	109	107	107	105	104	103	102	101	100	99	98	96	96	96
2	111	107	104	102	109	106	103	100	102	100	98	100	98	96	97	96	94	93	93	93
3	107	102	99	96	105	101	98	95	99	96	94	96	94	92	94	92	91	89	89	89
4	104	98	94	91	102	97	93	90	95	92	89	93	91	88	92	89	87	86	86	86
5	100	94	90	87	99	93	90	87	92	88	86	90	87	85	89	86	84	83	83	83
6	97	91	86	83	96	90	86	83	89	85	83	88	84	82	86	84	82	80	80	80
7	94	88	83	80	93	87	83	80	86	82	80	85	82	79	84	81	79	78	78	78
8	91	85	80	77	91	84	80	77	83	80	77	82	79	77	81	79	76	75	75	75
9	89	82	78	75	88	81	77	75	81	77	74	80	77	74	79	76	74	73	73	73
10	86	79	75	72	85	79	75	72	78	75	72	78	74	72	77	74	72	71	71	71

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	1028824	1028824	1028824
5°	997624	1004712	1010158
10°	911629	930918	946902
15°	655584	684236	689853
20°	333763	350514	351376
25°	126634	129332	125741
30°	49179	57015	47927
35°	16883	26491	15895
40°	5665	10274	5306
45°	390	3459	390
50°	0	429	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: 3459 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	540.8	27.2
10°-20°	1007.5	50.7
20°-30°	362.1	18.2
30°-40°	70.7	3.6
40°-50°	7.9	0.4
50°-60°	0.0	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°	1910.4	96.0
0°-40°	1981.1	99.6
0°-60°	1989.0	100.0
0°-90°	1989.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1989.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	5974	5974	5974	5974	5974	
5°	5771	5786	5812	5838	5843	535
15°	3677	3738	3838	3864	3869	977
25°	666	673	681	676	662	349
35°	80	91	126	93	76	60
45°	2	5	14	5	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°	5973.8	5973.8	5973.8	5973.8	5973.8
1°	5956.5	5964.4	5965.9	5977.0	5964.4
2°	5931.3	5936.0	5942.3	5951.8	5945.5
3°	5882.5	5891.9	5906.1	5918.7	5918.7
4°	5830.5	5843.1	5860.4	5882.5	5880.9
5°	5770.6	5786.4	5811.6	5838.3	5843.1
6°	5695.0	5713.9	5754.8	5792.7	5799.0
7°	5614.6	5643.0	5682.4	5737.5	5751.7
8°	5520.1	5542.2	5598.9	5663.5	5679.2
9°	5381.5	5414.6	5487.0	5546.9	5556.3
10°	5212.9	5236.5	5323.2	5386.2	5414.6
11°	4995.5	5030.2	5115.2	5179.8	5198.7
12°	4718.2	4768.7	4867.9	4915.2	4930.9
13°	4418.9	4461.5	4538.7	4596.9	4609.5
14°	4081.8	4122.8	4203.1	4250.4	4239.3
15°	3676.9	3738.4	3837.6	3864.4	3869.1
17.5°	2715.9	2755.3	2843.6	2886.1	2916.0
20°	1821.1	1858.9	1912.5	1940.9	1917.2
22.5°	1107.5	1139.0	1167.4	1165.8	1157.9
25°	666.4	672.7	680.6	675.8	661.7
27.5°	389.1	406.4	430.1	414.3	390.7
30°	247.3	261.5	286.7	259.9	241.0
32.5°	130.8	165.4	192.2	156.0	137.1
35°	80.3	91.4	126.0	92.9	75.6
37.5°	48.8	56.7	78.8	55.1	44.1
40°	25.2	36.2	45.7	33.1	23.6
42.5°	7.9	17.3	25.2	15.8	7.9
45°	1.6	4.7	14.2	4.7	1.6
47.5°	0.0	0.0	6.3	1.6	0.0
50°	0.0	0.0	1.6	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)