

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: P1313731

Luminaire Tested: P3SQAS20R359730D010 E3SQCD1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1313731
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: P3SQAS20R359730D010 E3SQCD1MB
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 97CRI , E3SQCD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

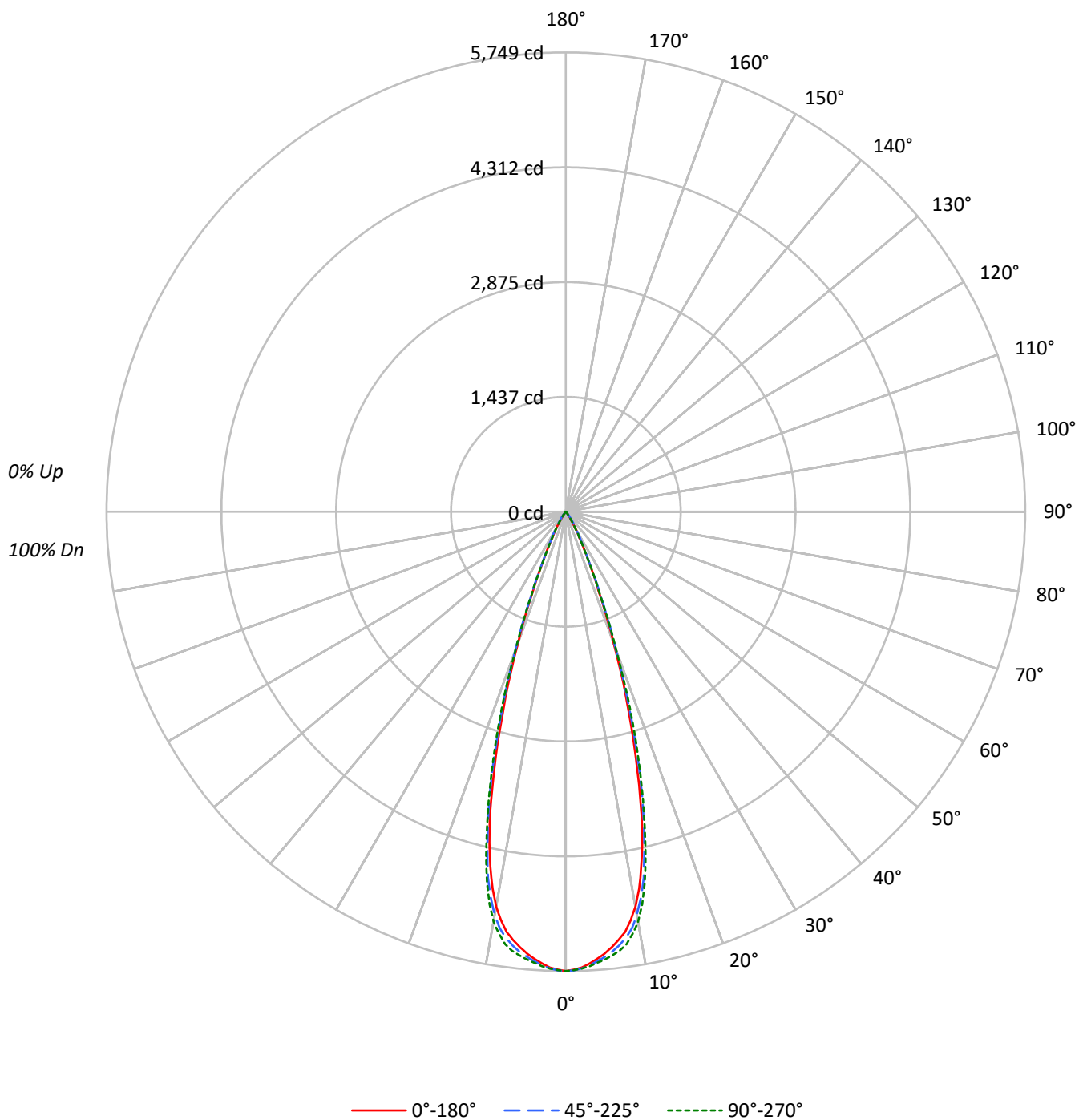
Lumens per Lamp: N/A
Luminaire Lumens: 1914.0 lumens
Efficiency: N/A
Efficacy: 66.5 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.58 / 0.52
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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	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	66

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	990039	990039	990039
5°	960005	966817	972055
10°	877265	895820	911192
15°	630872	658437	663839
20°	321190	337300	338125
25°	121864	124448	120990
30°	47330	54867	46117
35°	16252	25503	15306
40°	5463	9892	5103
45°	365	3312	365
50°	0	402	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: 3312 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	520.4	27.2
10°-20°	969.5	50.7
20°-30°	348.5	18.2
30°-40°	68.0	3.6
40°-50°	7.6	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°	1838.4	96.0
0°-40°	1906.4	99.6
0°-60°	1914.0	100.0
0°-90°	1914.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1914.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	5749	5749	5749	5749	5749	
5°	5553	5568	5592	5618	5623	514
15°	3538	3597	3693	3719	3723	940
25°	641	647	655	650	637	336
35°	77	88	121	89	73	58
45°	2	4	14	4	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°	5748.6	5748.6	5748.6	5748.6	5748.6
1°	5731.9	5739.5	5741.0	5751.6	5739.5
2°	5707.6	5712.2	5718.2	5727.3	5721.3
3°	5660.6	5669.7	5683.4	5695.5	5695.5
4°	5610.6	5622.7	5639.4	5660.6	5659.1
5°	5553.0	5568.2	5592.4	5618.2	5622.7
6°	5480.2	5498.4	5537.8	5574.2	5580.3
7°	5402.9	5430.2	5468.1	5521.2	5534.8
8°	5312.0	5333.2	5387.8	5449.9	5465.1
9°	5178.6	5210.4	5280.1	5337.7	5346.8
10°	5016.4	5039.1	5122.5	5183.1	5210.4
11°	4807.1	4840.5	4922.4	4984.5	5002.7
12°	4540.3	4588.8	4684.4	4729.8	4745.0
13°	4252.3	4293.2	4367.5	4423.6	4435.7
14°	3927.9	3967.3	4044.6	4090.1	4079.5
15°	3538.3	3597.4	3692.9	3718.7	3723.2
17.5°	2613.5	2651.4	2736.3	2777.3	2806.1
20°	1752.5	1788.8	1840.4	1867.7	1844.9
22.5°	1065.7	1096.0	1123.3	1121.8	1114.2
25°	641.3	647.3	654.9	650.4	636.7
27.5°	374.4	391.1	413.9	398.7	376.0
30°	238.0	251.7	275.9	250.1	231.9
32.5°	125.8	159.2	184.9	150.1	131.9
35°	77.3	87.9	121.3	89.4	72.8
37.5°	47.0	54.6	75.8	53.1	42.4
40°	24.3	34.9	44.0	31.8	22.7
42.5°	7.6	16.7	24.3	15.2	7.6
45°	1.5	4.5	13.6	4.5	1.5
47.5°	0.0	0.0	6.1	1.5	0.0
50°	0.0	0.0	1.5	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)