

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: P1311470

Luminaire Tested: P3SQAS17R259050DE010 E3SQPHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1311470
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-18)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS17R259050DE010 E3SQPHLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 5000K CCT AND, 90CRI , E3SQPHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

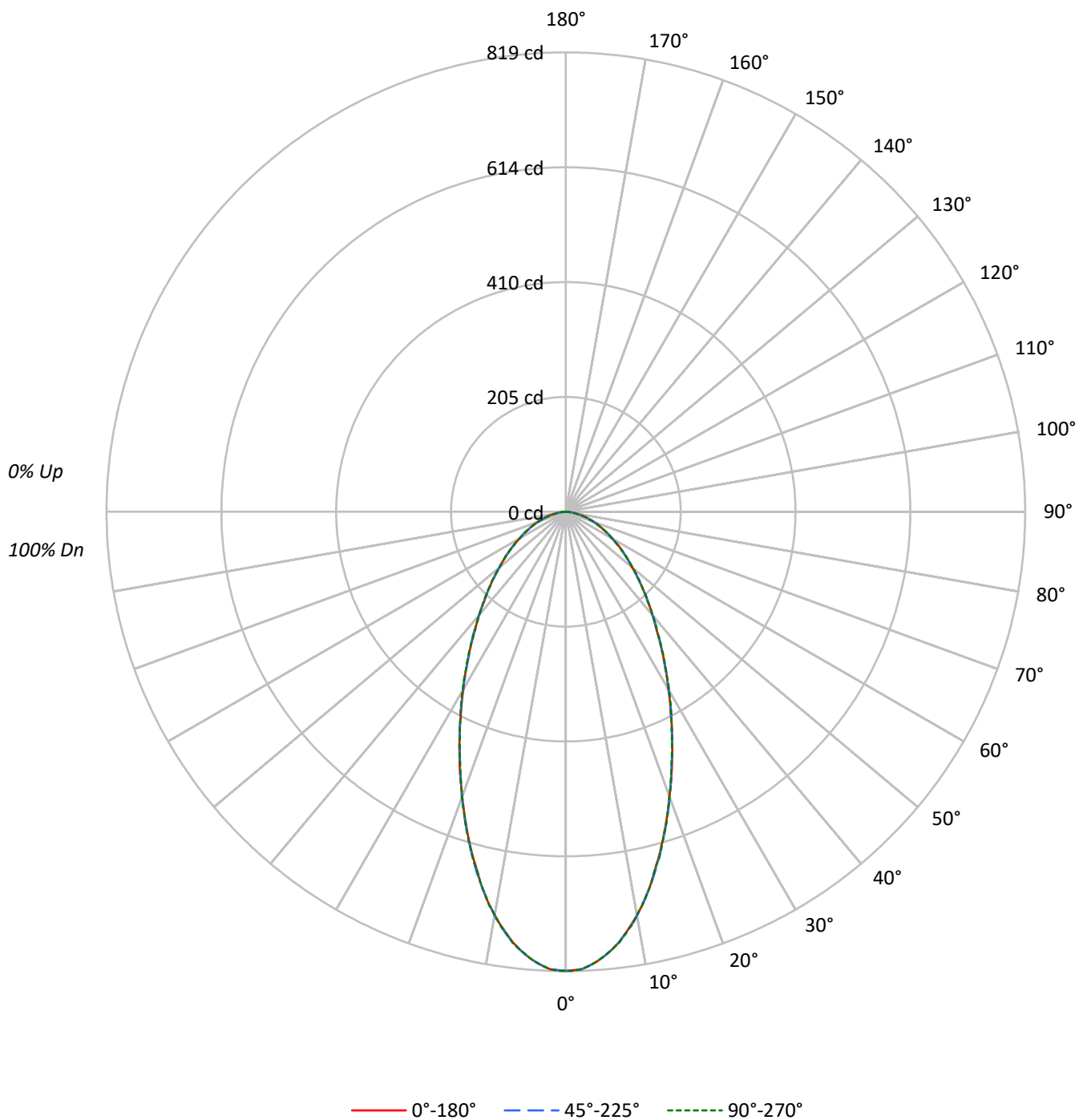
Lumens per Lamp: N/A
Luminaire Lumens: 1025.0 lumens
Efficiency: N/A
Efficacy: 48.3 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.89
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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	111	107	104	100	108	105	102	99	101	98	96		97	95	93		93
2	103	96	90	86	100	94	89	85	91	86	83		88	84	81		85
3	95	87	80	74	93	85	79	74	82	77	72		80	75	71		77
4	89	79	71	65	87	77	70	65	75	69	64		73	68	63		71
5	83	72	64	58	81	71	64	58	69	62	58		67	61	57		65
6	77	66	58	53	76	65	58	52	63	57	52		62	56	52		60
7	73	61	53	48	71	60	53	48	59	52	47		57	51	47		56
8	68	56	49	44	67	56	49	44	55	48	44		53	48	43		52
9	64	53	45	40	63	52	45	40	51	45	40		50	44	40		49
10	61	49	42	37	60	49	42	37	48	42	37		47	41	37		46

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	140999	140999	140999
5°	137405	137405	137405
10°	127679	127924	127679
15°	113861	114129	114129
20°	99005	99262	99005
25°	85265	84999	84999
30°	72725	73023	73302
35°	62401	62401	62695
40°	54069	54069	54069
45°	47275	47275	47275
50°	41449	41449	41824
55°	37172	37172	37172
60°	32963	32963	32963
65°	29789	29789	29789
70°	26940	26184	26940
75°	24354	23423	23423
80°	19538	19538	19538
85°	13832	13832	13832

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 47275 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	73.9	7.2
10°-20°	178.2	17.4
20°-30°	205.9	20.1
30°-40°	186.7	18.2
40°-50°	150.5	14.7
50°-60°	110.8	10.8
60°-70°	72.9	7.1
70°-80°	37.6	3.7
80°-90°	8.5	0.8
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°	458.0	44.7
0°-40°	644.6	62.9
0°-60°	905.9	88.4
0°-90°	1025.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1025.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	819	819	819	819	819	
5°	795	798	795	795	795	74
15°	639	640	640	639	640	178
25°	449	447	447	449	447	206
35°	297	297	297	297	298	186
45°	194	194	194	194	194	150
55°	124	124	124	122	124	111
65°	73	73	73	73	73	73
75°	37	35	35	35	35	38
85°	7	7	7	7	7	9
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	818.7	818.7	818.7	818.7	818.7
1°	817.3	820.1	817.3	817.3	818.7
2°	815.9	817.3	815.9	815.9	815.9
3°	810.3	813.1	810.3	810.3	810.3
4°	803.2	806.0	803.2	803.2	803.2
5°	794.8	797.6	794.8	794.8	794.8
6°	784.9	786.4	784.9	784.9	784.9
7°	773.7	775.1	773.7	773.7	775.1
8°	759.6	761.0	761.0	759.6	759.6
9°	745.6	747.0	747.0	745.6	747.0
10°	730.1	731.5	731.5	730.1	730.1
11°	714.6	716.0	713.2	713.2	714.6
12°	696.3	697.7	696.3	696.3	696.3
13°	678.0	678.0	678.0	678.0	678.0
14°	656.9	659.7	659.7	658.3	656.9
15°	638.6	640.1	640.1	638.6	640.1
17.5°	589.4	592.2	590.8	590.8	590.8
20°	540.2	541.6	541.6	540.2	540.2
22.5°	493.8	492.3	492.3	492.3	492.3
25°	448.7	447.3	447.3	448.7	447.3
27.5°	405.1	406.5	406.5	405.1	406.5
30°	365.7	365.7	367.2	365.7	368.6
32.5°	330.6	330.6	329.2	330.6	330.6
35°	296.8	296.8	296.8	296.8	298.2
37.5°	265.9	267.3	268.7	268.7	267.3
40°	240.5	240.5	240.5	240.5	240.5
42.5°	215.2	215.2	216.6	216.6	216.6
45°	194.1	194.1	194.1	194.1	194.1
47.5°	174.4	174.4	173.0	173.0	174.4
50°	154.7	156.1	154.7	154.7	156.1
52.5°	139.3	137.9	137.9	139.3	139.3
55°	123.8	123.8	123.8	122.4	123.8
57.5°	109.7	109.7	108.3	108.3	108.3
60°	95.7	95.7	95.7	95.7	95.7
62.5°	84.4	84.4	84.4	84.4	84.4
65°	73.1	73.1	73.1	73.1	73.1
67.5°	63.3	63.3	63.3	63.3	61.9
70°	53.5	53.5	52.0	52.0	53.5
72.5°	43.6	43.6	43.6	43.6	43.6
75°	36.6	35.2	35.2	35.2	35.2
77.5°	28.1	28.1	26.7	28.1	26.7
80°	19.7	19.7	19.7	19.7	19.7
82.5°	14.1	12.7	12.7	12.7	12.7
85°	7.0	7.0	7.0	7.0	7.0
87.5°	1.4	1.4	1.4	1.4	2.8



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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)