

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: P1308008

Luminaire Tested: P3SQAS13R309030DE010 E3SQCD1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1308008
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-24)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS13R309030DE010 E3SQCD1MB
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 90CRI , E3SQCD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

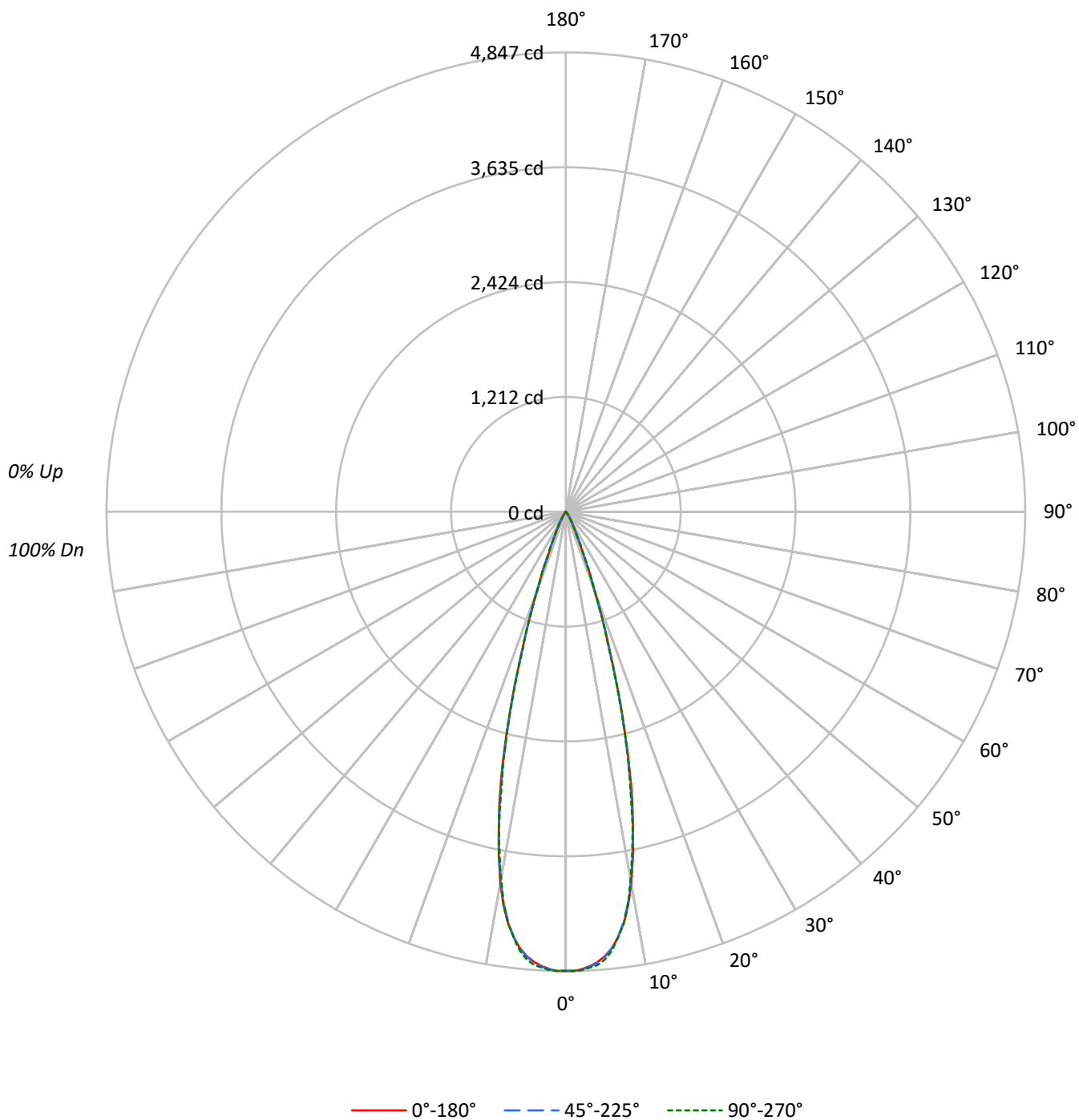
Lumens per Lamp: N/A
Luminaire Lumens: 1250.0 lumens
Efficiency: N/A
Efficacy: 85.6 lumens/watt
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.46
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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	99
1	115	113	111	110	113	111	109	108	107	106	105	103	102	101	100	99	99	97	96	95
2	112	108	105	103	109	106	104	102	103	101	99	100	99	97	98	96	95	94	93	92
3	108	104	100	97	106	102	99	97	100	97	95	98	95	94	95	94	92	91	90	89
4	105	100	96	93	103	99	95	92	97	94	91	95	92	90	93	91	89	88	87	86
5	102	96	92	89	101	95	92	89	94	91	88	92	90	87	91	89	87	86	85	84
6	99	93	89	86	98	92	89	86	91	88	85	90	87	85	89	86	84	83	82	81
7	96	90	86	83	95	90	86	83	89	85	83	87	85	82	87	84	82	81	80	79
8	94	88	84	81	93	87	83	81	86	83	80	85	82	80	84	82	80	79	78	77
9	91	85	81	78	91	85	81	78	84	80	78	83	80	78	82	80	78	77	76	75
10	89	83	79	76	88	82	79	76	82	78	76	81	78	76	80	78	76	75	74	73

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	834298	834298	834298
5°	813956	814976	819505
10°	695181	691946	687871
15°	429003	423975	425544
20°	162144	163024	162859
25°	49882	54690	52105
30°	20105	25514	20881
35°	5929	10828	6139
40°	2406	4362	2406
45°	463	1413	463
50°	0	268	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: 1413 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	427.3	34.2
10°-20°	632.6	50.6
20°-30°	156.9	12.6
30°-40°	29.5	2.4
40°-50°	3.7	0.3
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°	1216.8	97.3
0°-40°	1246.3	99.7
0°-60°	1250.0	100.0
0°-90°	1250.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1250.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	4844	4844	4844	4844	4844	
5°	4708	4706	4714	4722	4740	428
15°	2406	2383	2378	2396	2387	636
25°	262	280	288	287	274	151
35°	28	37	52	38	29	24
45°	2	3	6	4	2	2
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°	4844.3	4844.3	4844.3	4844.3	4844.3
1°	4846.3	4842.4	4842.4	4836.6	4847.3
2°	4828.8	4824.9	4831.7	4826.8	4840.4
3°	4802.5	4797.7	4807.4	4810.3	4817.1
4°	4763.6	4759.8	4770.5	4776.3	4794.8
5°	4708.2	4706.3	4714.1	4721.8	4740.3
6°	4632.4	4629.5	4634.3	4644.1	4655.7
7°	4522.5	4516.7	4520.6	4522.5	4525.5
8°	4383.5	4374.8	4369.9	4380.6	4386.4
9°	4204.6	4194.9	4184.2	4180.3	4194.0
10°	3975.2	3960.6	3956.7	3947.0	3933.4
11°	3708.8	3697.2	3694.3	3676.8	3669.0
12°	3403.6	3397.7	3404.5	3393.9	3390.0
13°	3111.0	3074.0	3069.1	3048.7	3038.0
14°	2764.9	2730.8	2729.9	2719.2	2733.8
15°	2406.1	2382.8	2377.9	2396.4	2386.7
17.5°	1534.1	1549.6	1545.8	1536.0	1519.5
20°	884.7	874.0	889.5	893.4	888.6
22.5°	471.5	475.4	478.3	490.0	497.8
25°	262.5	280.0	287.8	286.8	274.2
27.5°	163.3	174.0	188.6	178.9	168.2
30°	101.1	109.9	128.3	110.8	105.0
32.5°	54.4	69.0	82.6	69.0	56.4
35°	28.2	36.9	51.5	37.9	29.2
37.5°	18.5	21.4	33.1	21.4	18.5
40°	10.7	13.6	19.4	13.6	10.7
42.5°	4.9	7.8	10.7	7.8	4.9
45°	1.9	2.9	5.8	3.9	1.9
47.5°	0.0	1.0	2.9	1.0	0.0
50°	0.0	0.0	1.0	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)