

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: P1310227

Luminaire Tested: P3SQAS13R259040DE010 E3SQCD1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1310227
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-23)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS13R259040DE010 E3SQCD1MB
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 90CRI , E3SQCD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

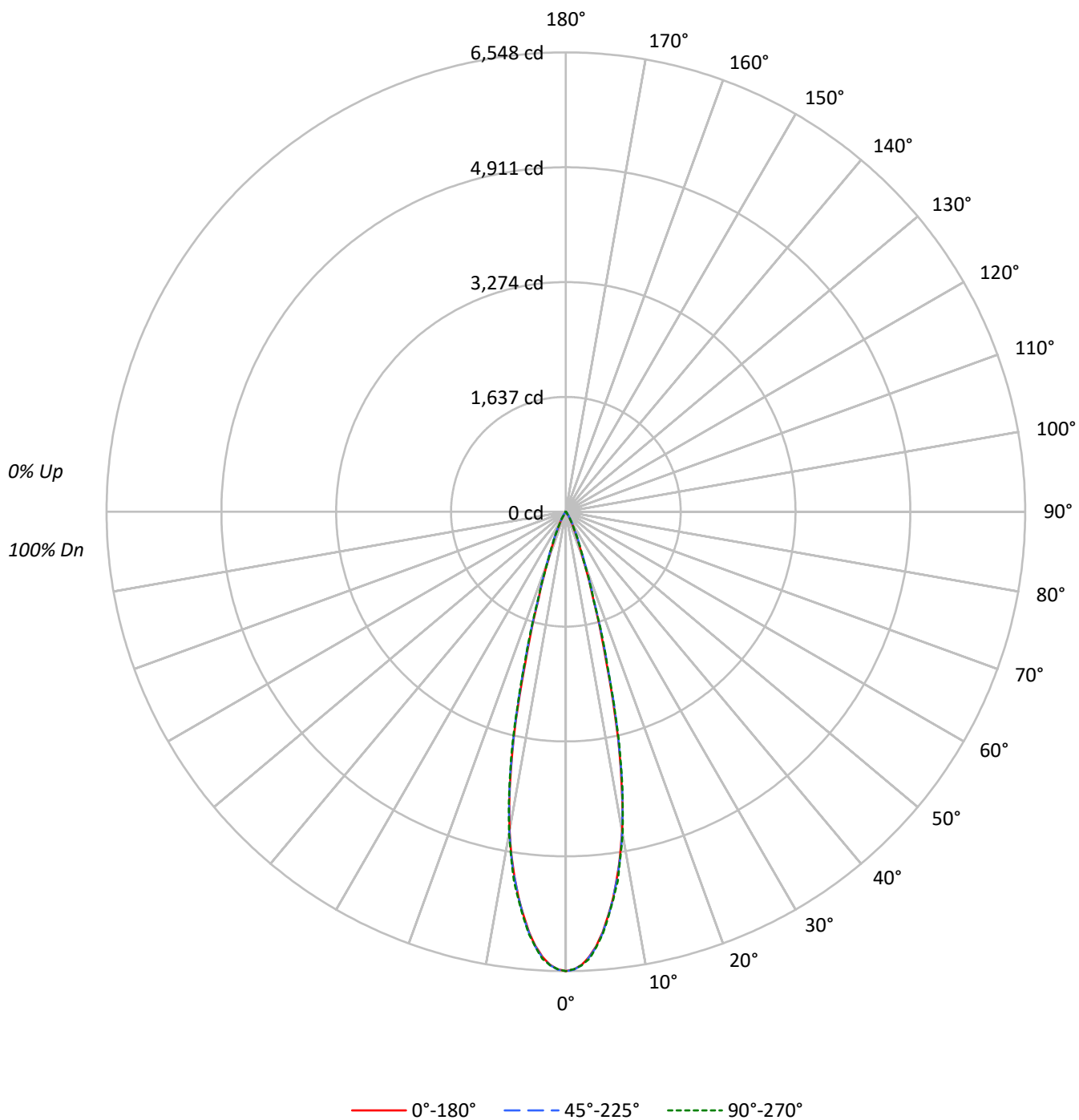
Lumens per Lamp: N/A
Luminaire Lumens: 1363.0 lumens
Efficiency: N/A
Efficacy: 93.4 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.45 / 0.41
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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	110	108	107	106	105	103	103	102	100	99	99	97	96	96
2	112	108	105	103	110	107	104	102	104	102	100	101	99	98	98	97	96	94	93	93
3	108	104	101	98	107	103	100	97	100	98	96	98	96	94	96	94	93	92	91	91
4	105	100	97	94	104	99	96	93	97	95	92	96	93	91	94	92	90	89	88	88
5	103	97	93	90	101	96	93	90	95	92	89	93	91	89	92	90	88	87	86	86
6	100	94	90	87	99	93	90	87	92	89	87	91	88	86	90	87	85	84	83	83
7	97	91	87	85	96	91	87	84	90	86	84	89	86	84	88	85	83	82	81	81
8	95	89	85	82	94	88	85	82	87	84	82	87	84	82	86	83	81	80	79	79
9	93	86	83	80	92	86	82	80	85	82	80	85	82	80	84	81	79	78	77	77
10	91	84	81	78	90	84	80	78	83	80	78	83	80	78	82	79	77	76	75	75

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	1127731	1127731	1127731
5°	1039842	1042193	1044354
10°	807366	810286	814676
15°	398995	415773	415951
20°	134341	143358	137035
25°	55640	61797	57236
30°	21835	27443	22034
35°	5719	11206	5929
40°	2113	4474	2113
45°	244	1267	244
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: 1267 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	530.6	38.9
10°-20°	641.8	47.1
20°-30°	156.7	11.5
30°-40°	30.5	2.2
40°-50°	3.4	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°	1329.1	97.5
0°-40°	1359.5	99.7
0°-60°	1363.0	100.0
0°-90°	1363.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1363.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	6548	6548	6548	6548	6548	
5°	6015	6023	6028	6054	6041	529
15°	2238	2291	2332	2355	2333	630
25°	293	308	325	312	301	149
35°	27	39	53	39	28	24
45°	1	3	5	3	1	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°	6548.1	6548.1	6548.1	6548.1	6548.1
1°	6523.0	6527.2	6528.2	6534.5	6521.9
2°	6463.4	6464.4	6467.6	6480.1	6468.6
3°	6353.6	6360.9	6361.9	6378.7	6381.8
4°	6204.0	6208.2	6216.6	6244.8	6219.7
5°	6014.8	6023.1	6028.4	6054.5	6040.9
6°	5780.5	5782.6	5794.1	5824.5	5805.6
7°	5542.1	5541.1	5542.1	5566.2	5560.9
8°	5254.6	5249.3	5266.1	5295.3	5315.2
9°	4954.5	4961.8	4972.2	5000.5	4977.5
10°	4616.7	4636.6	4633.4	4635.5	4658.5
11°	4227.7	4234.0	4235.0	4257.0	4253.8
12°	3770.7	3770.7	3805.2	3840.8	3829.3
13°	3309.6	3342.0	3319.0	3326.3	3372.3
14°	2772.1	2797.2	2828.6	2857.9	2834.8
15°	2237.8	2291.1	2331.9	2354.9	2332.9
17.5°	1282.0	1299.8	1334.3	1338.5	1324.9
20°	733.0	755.0	782.2	773.8	747.7
22.5°	461.1	467.4	494.6	481.0	474.7
25°	292.8	308.5	325.2	311.6	301.2
27.5°	181.9	192.4	210.2	195.5	184.0
30°	109.8	119.2	138.0	118.2	110.8
32.5°	57.5	71.1	86.8	72.2	57.5
35°	27.2	38.7	53.3	38.7	28.2
37.5°	16.7	20.9	32.4	20.9	16.7
40°	9.4	13.6	19.9	13.6	9.4
42.5°	4.2	7.3	9.4	7.3	5.2
45°	1.0	3.1	5.2	3.1	1.0
47.5°	0.0	0.0	3.1	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)