

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: P1315338

Luminaire Tested: P3SQAS13R259740DE010 E3SQCD1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1315338
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: P3SQAS13R259740DE010 E3SQCD1MB
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 97CRI , E3SQCD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

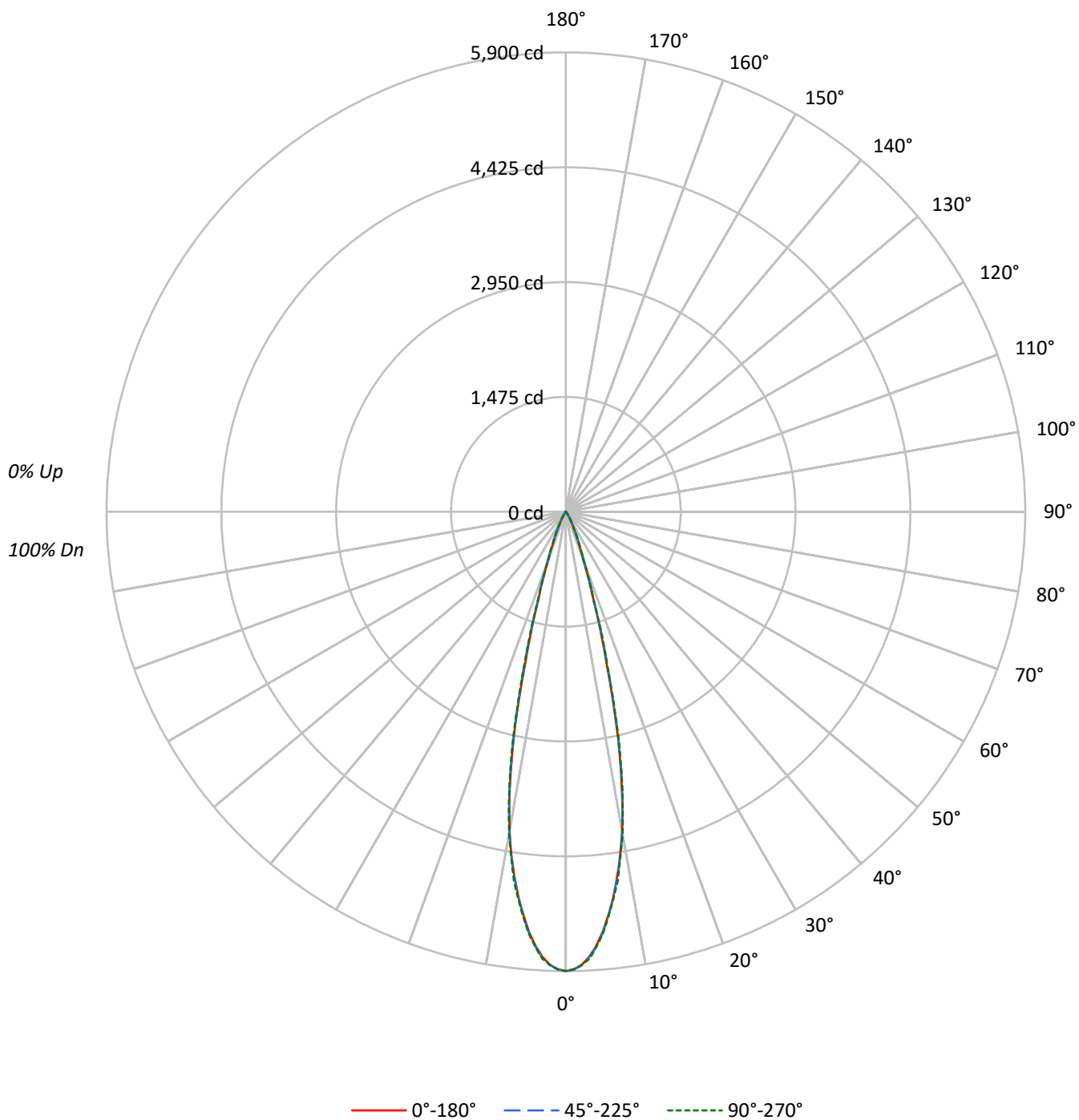
Lumens per Lamp: N/A
Luminaire Lumens: 1228.0 lumens
Efficiency: N/A
Efficacy: 84.1 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.45 / 0.41
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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°	1016027	1016027	1016027
5°	936839	938966	940919
10°	727394	730034	733987
15°	359467	374586	374765
20°	121035	129154	123454
25°	50129	55678	51554
30°	19668	24739	19867
35°	5151	10092	5340
40°	1911	4024	1911
45°	219	1145	219
50°	0	241	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: 1145 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	478.0	38.9
10°-20°	578.2	47.1
20°-30°	141.2	11.5
30°-40°	27.4	2.2
40°-50°	3.1	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°	1197.4	97.5
0°-40°	1224.9	99.7
0°-60°	1228.0	100.0
0°-90°	1228.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1228.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	5900	5900	5900	5900	5900	
5°	5419	5427	5431	5455	5443	477
15°	2016	2064	2101	2122	2102	568
25°	264	278	293	281	271	134
35°	24	35	48	35	25	22
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°	5899.5	5899.5	5899.5	5899.5	5899.5
1°	5876.9	5880.7	5881.6	5887.3	5876.0
2°	5823.2	5824.1	5827.0	5838.3	5827.9
3°	5724.3	5730.9	5731.8	5746.9	5749.7
4°	5589.6	5593.3	5600.9	5626.3	5603.7
5°	5419.0	5426.6	5431.3	5454.8	5442.6
6°	5208.0	5209.9	5220.2	5247.6	5230.6
7°	4993.2	4992.3	4993.2	5014.9	5010.2
8°	4734.1	4729.4	4744.5	4770.9	4788.8
9°	4463.7	4470.3	4479.7	4505.2	4484.5
10°	4159.4	4177.3	4174.5	4176.4	4197.1
11°	3809.0	3814.6	3815.6	3835.3	3832.5
12°	3397.3	3397.3	3428.3	3460.4	3450.0
13°	2981.8	3011.0	2990.3	2996.9	3038.3
14°	2497.5	2520.2	2548.4	2574.8	2554.1
15°	2016.1	2064.2	2100.9	2121.6	2101.9
17.5°	1155.0	1171.0	1202.1	1205.9	1193.7
20°	660.4	680.2	704.7	697.2	673.6
22.5°	415.5	421.1	445.6	433.4	427.7
25°	263.8	277.9	293.0	280.7	271.3
27.5°	163.9	173.3	189.4	176.2	165.8
30°	98.9	107.4	124.4	106.5	99.9
32.5°	51.8	64.1	78.2	65.0	51.8
35°	24.5	34.9	48.0	34.9	25.4
37.5°	15.1	18.8	29.2	18.8	15.1
40°	8.5	12.2	17.9	12.2	8.5
42.5°	3.8	6.6	8.5	6.6	4.7
45°	0.9	2.8	4.7	2.8	0.9
47.5°	0.0	0.0	2.8	0.9	0.0
50°	0.0	0.0	0.9	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)