

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: P1307993

Luminaire Tested: P3SQAS13R259030DE010 E3SQCD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1307993
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-35)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS13R259030DE010 E3SQCD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 90CRI , E3SQCD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

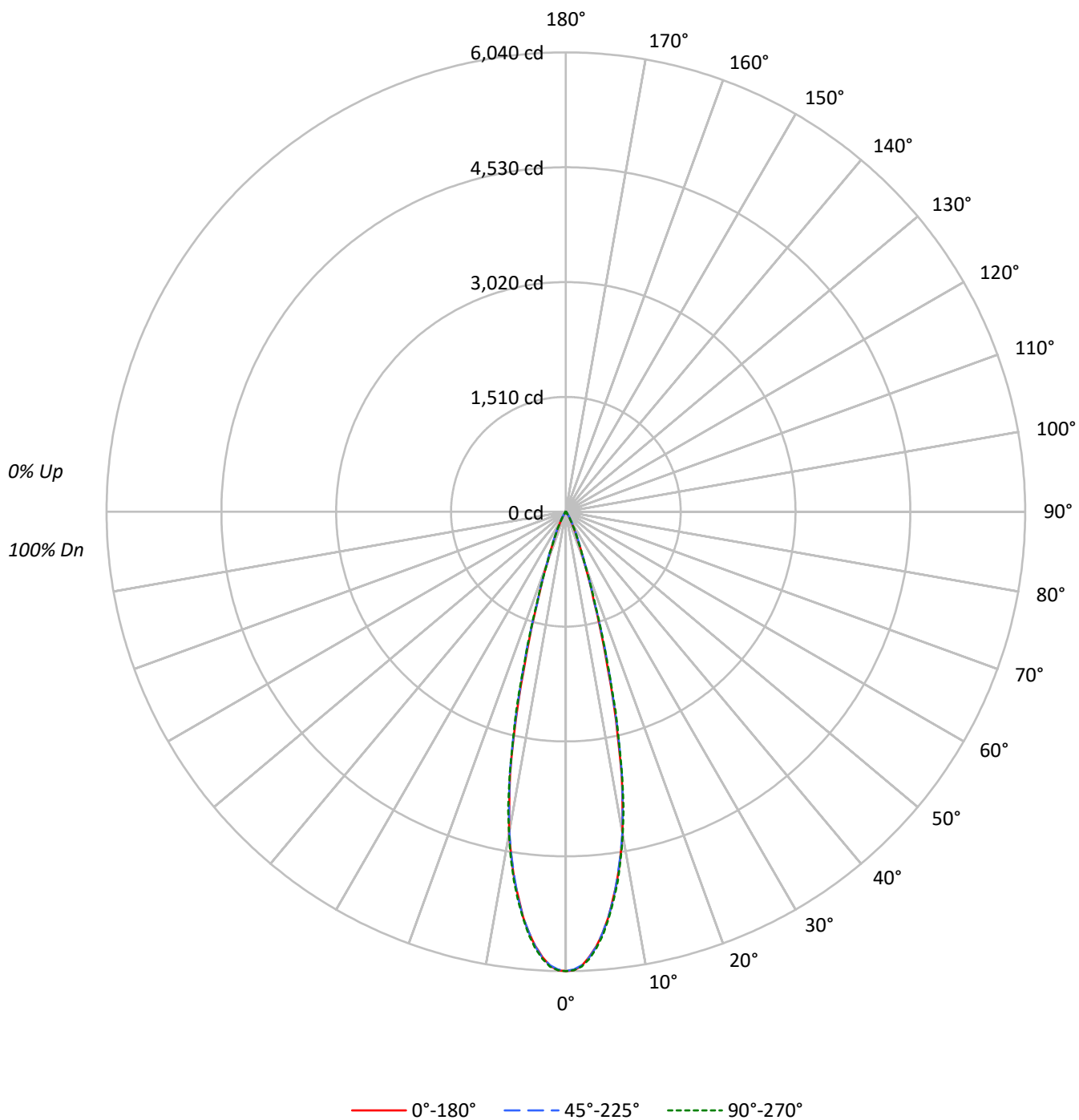
Lumens per Lamp: N/A
Luminaire Lumens: 1276.0 lumens
Efficiency: N/A
Efficacy: 87.4 lumens/watt
Spacing Criteria (0/90/45): 0.45 / 0.45 / 0.41
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	115	113	111	110	113	111	109	108	107	106	105		103	102	102		100
2	112	108	105	103	110	107	104	102	103	101	100		101	99	97		98
3	108	104	100	98	107	103	99	97	100	98	95		98	96	94		96
4	105	100	96	93	104	99	96	93	97	94	92		95	93	91		94
5	102	97	93	90	101	96	92	90	94	91	89		93	90	88		91
6	100	94	90	87	98	93	89	87	92	88	86		90	88	86		89
7	97	91	87	84	96	90	87	84	89	86	84		88	85	83		87
8	95	88	84	82	94	88	84	82	87	84	81		86	83	81		85
9	92	86	82	80	91	86	82	79	85	82	79		84	81	79		83
10	90	84	80	78	89	84	80	77	83	80	77		82	79	77		82

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	1040242	1040242	1040242
5°	960835	960507	965883
10°	750548	748519	753608
15°	377582	393361	393022
20°	129191	132765	130620
25°	51915	58395	54139
30°	21080	25137	20503
35°	6139	11038	6139
40°	2833	4811	2833
45°	950	1900	950
50°	509	777	509
55°	570	570	570
60°	654	654	654
65°	408	408	408
70°	504	504	504
75°	665	665	665
80°	0	992	0
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°

Vertical Angle: 45°

Luminance: 1900 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	490.0	38.4
10°-20°	599.8	47.0
20°-30°	146.5	11.5
30°-40°	30.3	2.4
40°-50°	5.3	0.4
50°-60°	1.7	0.1
60°-70°	1.4	0.1
70°-80°	1.0	0.1
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°	1236.3	96.9
0°-40°	1266.6	99.3
0°-60°	1273.6	99.8
0°-90°	1276.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1276.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	6040	6040	6040	6040	6040	
5°	5558	5563	5556	5568	5587	490
15°	2118	2154	2206	2216	2204	591
25°	273	286	307	290	285	140
35°	29	41	52	40	29	25
45°	4	6	8	6	4	4
55°	2	2	2	2	2	2
65°	1	2	1	1	1	1
75°	1	1	1	1	1	1
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°	6040.1	6040.1	6040.1	6040.1	6040.1
1°	6028.4	6020.6	6018.7	6019.7	6029.4
2°	5974.0	5969.1	5968.1	5971.0	5984.7
3°	5863.1	5869.0	5870.9	5880.6	5887.4
4°	5727.0	5738.7	5733.8	5745.5	5753.2
5°	5557.8	5562.7	5555.9	5567.5	5587.0
6°	5360.4	5342.9	5359.5	5364.3	5377.9
7°	5114.4	5118.3	5124.2	5130.0	5150.4
8°	4872.3	4860.7	4857.7	4885.0	4901.5
9°	4589.4	4591.3	4580.6	4611.7	4616.6
10°	4291.8	4267.5	4280.2	4304.5	4309.3
11°	3899.0	3892.2	3910.7	3948.6	3978.8
12°	3530.5	3534.4	3553.8	3566.5	3559.7
13°	3043.4	3072.5	3096.9	3109.5	3093.0
14°	2602.9	2602.9	2634.0	2638.9	2698.2
15°	2117.7	2153.7	2206.2	2215.9	2204.3
17.5°	1223.2	1228.0	1253.3	1252.4	1270.8
20°	704.9	711.7	724.4	721.5	712.7
22.5°	423.9	438.5	468.7	444.4	437.5
25°	273.2	285.9	307.3	289.8	284.9
27.5°	171.1	179.9	196.4	180.9	173.1
30°	106.0	110.8	126.4	111.8	103.1
32.5°	57.4	70.0	82.6	70.0	57.4
35°	29.2	40.8	52.5	39.9	29.2
37.5°	19.4	23.3	34.0	22.4	19.4
40°	12.6	15.6	21.4	15.6	12.6
42.5°	6.8	9.7	11.7	10.7	6.8
45°	3.9	5.8	7.8	5.8	3.9
47.5°	2.9	2.9	4.9	2.9	1.9
50°	1.9	1.9	2.9	1.9	1.9
52.5°	1.9	1.9	1.9	1.9	1.9
55°	1.9	1.9	1.9	1.9	1.9
57.5°	1.9	1.9	1.9	1.9	1.9
60°	1.9	1.9	1.9	1.9	1.9
62.5°	1.9	1.9	1.9	1.9	1.9
65°	1.0	1.9	1.0	1.0	1.0
67.5°	1.0	1.0	1.0	1.0	1.0
70°	1.0	1.0	1.0	1.0	1.0
72.5°	1.0	1.0	1.0	1.0	1.0
75°	1.0	1.0	1.0	1.0	1.0
77.5°	1.0	1.0	1.0	1.0	1.0
80°	0.0	0.0	1.0	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)