

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: P1314514

Luminaire Tested: P3SQAS17R259735DE010 E3SQCD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1314514
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: P3SQAS17R259735DE010 E3SQCD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 97CRI , E3SQCD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

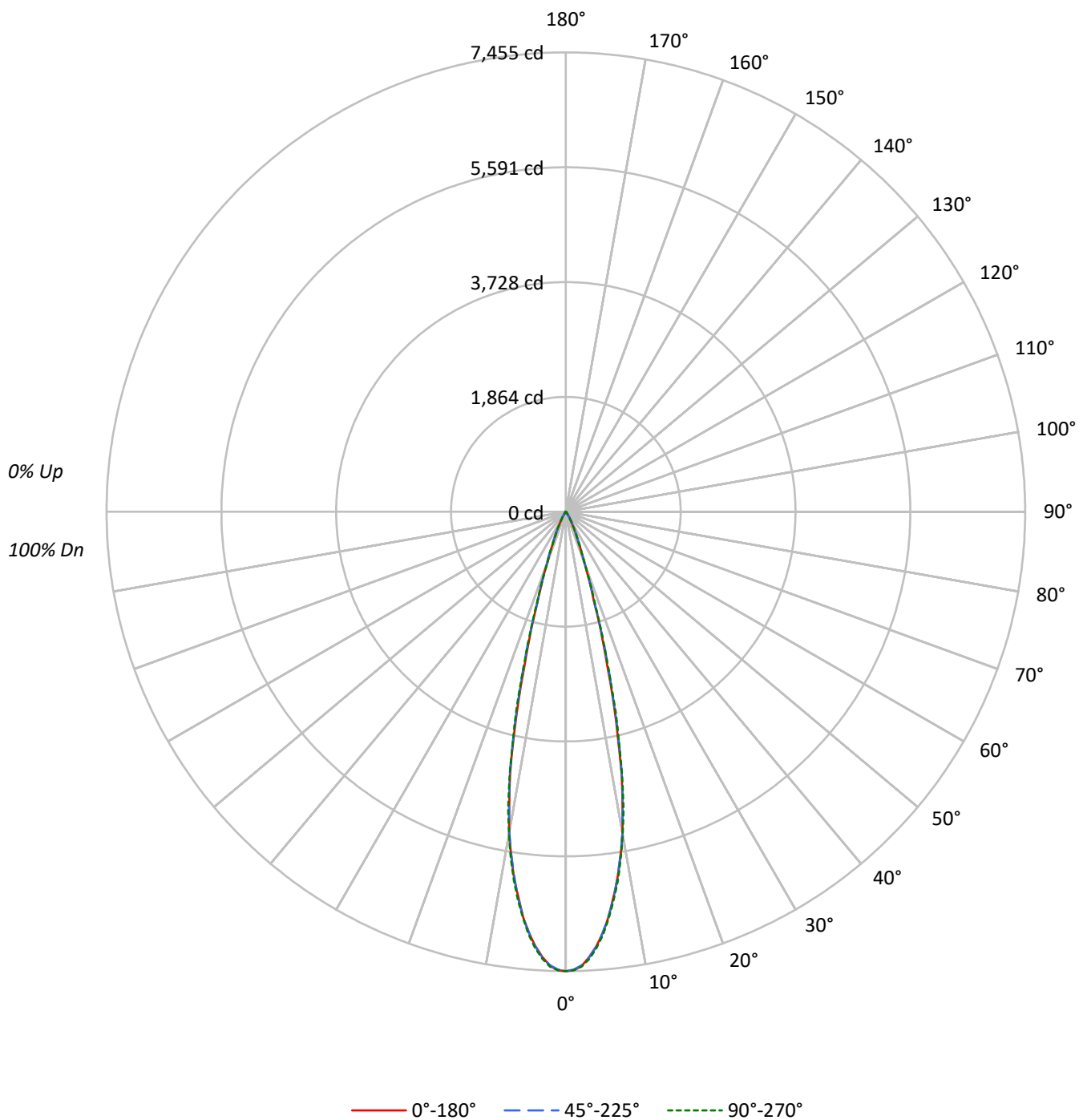
Lumens per Lamp: N/A
Luminaire Lumens: 1575.0 lumens
Efficiency: N/A
Efficacy: 74.3 lumens/watt
Spacing Criteria (0/90/45): 0.45 / 0.45 / 0.41
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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	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°	1283989	1283989	1283989
5°	1185995	1185580	1192219
10°	926424	923906	930201
15°	466071	485541	485113
20°	159468	163867	161227
25°	64077	72077	66813
30°	26012	31023	25296
35°	7569	13624	7569
40°	3507	5935	3507
45°	1169	2338	1169
50°	643	965	643
55°	721	721	721
60°	827	827	827
65°	489	489	489
70°	604	604	604
75°	799	799	799
80°	0	1190	0
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°

Vertical Angle: 45°

Luminance: 2338 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	604.8	38.4
10°-20°	740.3	47.0
20°-30°	180.9	11.5
30°-40°	37.4	2.4
40°-50°	6.5	0.4
50°-60°	2.2	0.1
60°-70°	1.7	0.1
70°-80°	1.1	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°	1526.0	96.9
0°-40°	1563.4	99.3
0°-60°	1572.1	99.8
0°-90°	1575.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1575.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	7455	7455	7455	7455	7455	
5°	6860	6866	6858	6872	6896	604
15°	2614	2658	2723	2735	2721	730
25°	337	353	379	358	352	173
35°	36	50	65	49	36	31
45°	5	7	10	7	5	5
55°	2	2	2	2	2	2
65°	1	2	1	1	1	2
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°	7455.4	7455.4	7455.4	7455.4	7455.4
1°	7441.0	7431.4	7429.0	7430.2	7442.2
2°	7373.8	7367.8	7366.6	7370.2	7387.0
3°	7237.0	7244.2	7246.6	7258.6	7267.0
4°	7069.0	7083.4	7077.4	7091.8	7101.4
5°	6860.2	6866.2	6857.8	6872.2	6896.2
6°	6616.5	6594.9	6615.3	6621.3	6638.1
7°	6312.9	6317.7	6324.9	6332.1	6357.3
8°	6014.0	5999.6	5996.0	6029.6	6050.0
9°	5664.8	5667.2	5654.0	5692.4	5698.4
10°	5297.5	5267.5	5283.1	5313.1	5319.1
11°	4812.7	4804.3	4827.1	4873.9	4911.1
12°	4357.8	4362.6	4386.6	4402.2	4393.8
13°	3756.5	3792.5	3822.5	3838.1	3817.7
14°	3212.8	3212.8	3251.3	3257.3	3330.5
15°	2614.0	2658.4	2723.2	2735.2	2720.8
17.5°	1509.8	1515.8	1547.0	1545.8	1568.6
20°	870.1	878.5	894.1	890.5	879.7
22.5°	523.3	541.3	578.5	548.5	540.1
25°	337.2	352.8	379.3	357.6	351.6
27.5°	211.2	222.0	242.4	223.2	213.6
30°	130.8	136.8	156.0	138.0	127.2
32.5°	70.8	86.4	102.0	86.4	70.8
35°	36.0	50.4	64.8	49.2	36.0
37.5°	24.0	28.8	42.0	27.6	24.0
40°	15.6	19.2	26.4	19.2	15.6
42.5°	8.4	12.0	14.4	13.2	8.4
45°	4.8	7.2	9.6	7.2	4.8
47.5°	3.6	3.6	6.0	3.6	2.4
50°	2.4	2.4	3.6	2.4	2.4
52.5°	2.4	2.4	2.4	2.4	2.4
55°	2.4	2.4	2.4	2.4	2.4
57.5°	2.4	2.4	2.4	2.4	2.4
60°	2.4	2.4	2.4	2.4	2.4
62.5°	2.4	2.4	2.4	2.4	2.4
65°	1.2	2.4	1.2	1.2	1.2
67.5°	1.2	1.2	1.2	1.2	1.2
70°	1.2	1.2	1.2	1.2	1.2
72.5°	1.2	1.2	1.2	1.2	1.2
75°	1.2	1.2	1.2	1.2	1.2
77.5°	1.2	1.2	1.2	1.2	1.2
80°	0.0	0.0	1.2	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)