

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: P1306060

Luminaire Tested: P3SQAS17R259024DE010 E3SQCD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1306060
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: P3SQAS17R259024DE010 E3SQCD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 2400K CCT AND, 90CRI , E3SQCD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

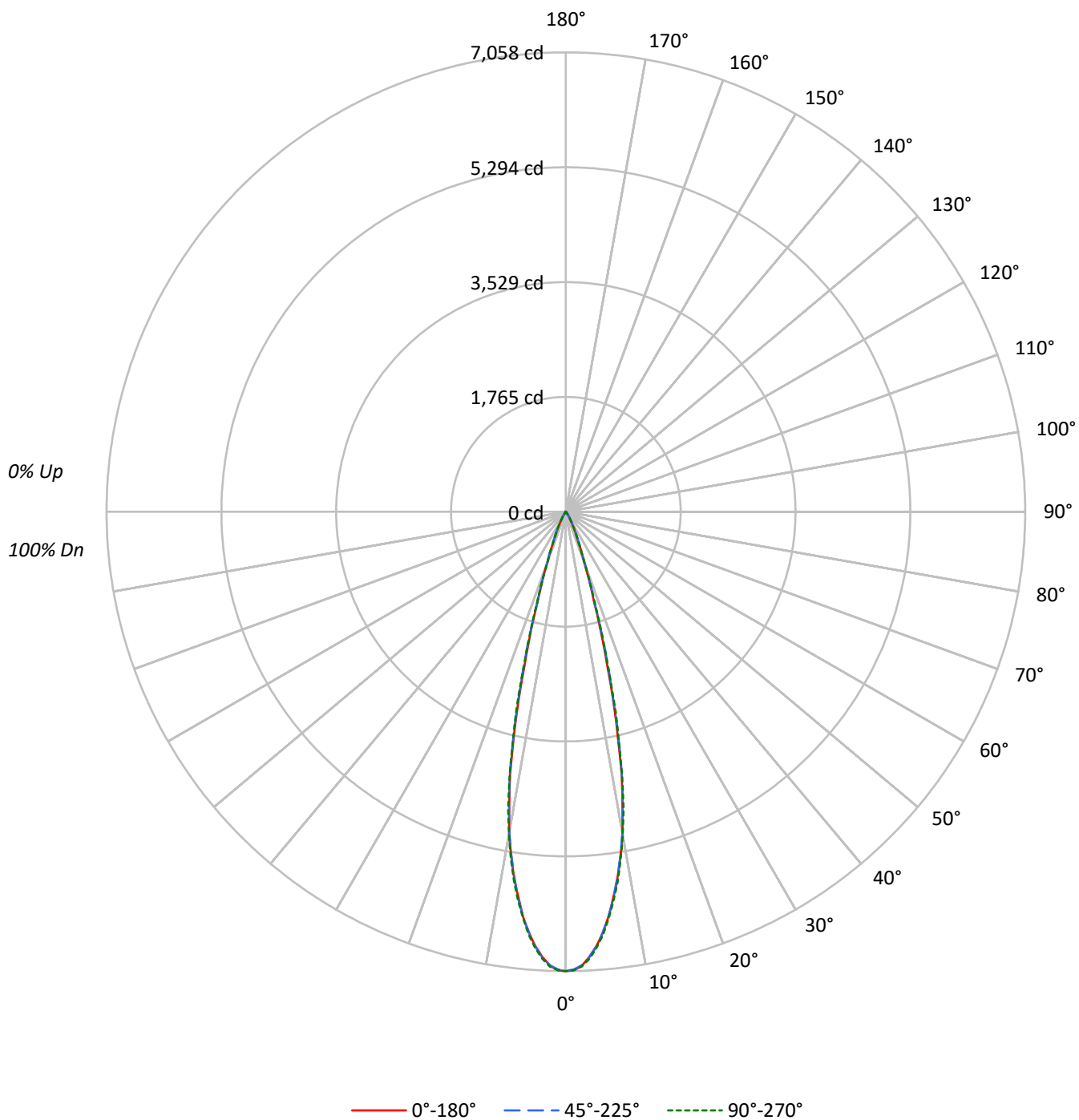
Lumens per Lamp: N/A
Luminaire Lumens: 1491.0 lumens
Efficiency: N/A
Efficacy: 70.3 lumens/watt
Spacing Criteria (0/90/45): 0.45 / 0.45 / 0.41
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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°	1215513	1215513	1215513
5°	1122738	1122340	1128633
10°	877020	874642	880588
15°	441216	459634	459242
20°	150964	155124	152632
25°	60676	68220	63260
30°	24620	29372	23943
35°	7169	12909	7169
40°	3327	5621	3327
45°	1096	2216	1096
50°	616	911	616
55°	691	691	691
60°	792	792	792
65°	448	448	448
70°	554	554	554
75°	732	732	732
80°	0	1091	0
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 45°

Vertical Angle: 45°

Luminance: 2216 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	572.6	38.4
10°-20°	700.8	47.0
20°-30°	171.2	11.5
30°-40°	35.4	2.4
40°-50°	6.2	0.4
50°-60°	2.1	0.1
60°-70°	1.6	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°	1444.6	96.9
0°-40°	1480.0	99.3
0°-60°	1488.3	99.8
0°-90°	1491.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1491.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	7058	7058	7058	7058	7058	
5°	6494	6500	6492	6506	6528	572
15°	2475	2517	2578	2589	2576	691
25°	319	334	359	339	333	163
35°	34	48	61	47	34	29
45°	4	7	9	7	4	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°	7057.8	7057.8	7057.8	7057.8	7057.8
1°	7044.2	7035.1	7032.8	7034.0	7045.3
2°	6980.6	6974.9	6973.7	6977.1	6993.0
3°	6851.0	6857.8	6860.1	6871.5	6879.4
4°	6692.0	6705.6	6699.9	6713.6	6722.6
5°	6494.3	6500.0	6492.0	6505.6	6528.4
6°	6263.6	6243.2	6262.5	6268.2	6284.1
7°	5976.2	5980.7	5987.5	5994.4	6018.2
8°	5693.3	5679.7	5676.2	5708.1	5727.4
9°	5362.7	5364.9	5352.4	5388.8	5394.5
10°	5015.0	4986.6	5001.4	5029.8	5035.4
11°	4556.0	4548.0	4569.6	4613.9	4649.2
12°	4125.4	4129.9	4152.7	4167.4	4159.5
13°	3556.2	3590.3	3618.7	3633.4	3614.1
14°	3041.5	3041.5	3077.9	3083.5	3152.8
15°	2474.6	2516.6	2577.9	2589.3	2575.7
17.5°	1429.3	1435.0	1464.5	1463.4	1485.0
20°	823.7	831.7	846.4	843.0	832.8
22.5°	495.4	512.4	547.6	519.2	511.3
25°	319.3	334.0	359.0	338.6	332.9
27.5°	200.0	210.2	229.5	211.3	202.2
30°	123.8	129.5	147.7	130.7	120.4
32.5°	67.0	81.8	96.6	81.8	67.0
35°	34.1	47.7	61.4	46.6	34.1
37.5°	22.7	27.3	39.8	26.1	22.7
40°	14.8	18.2	25.0	18.2	14.8
42.5°	8.0	11.4	13.6	12.5	8.0
45°	4.5	6.8	9.1	6.8	4.5
47.5°	3.4	3.4	5.7	3.4	2.3
50°	2.3	2.3	3.4	2.3	2.3
52.5°	2.3	2.3	2.3	2.3	2.3
55°	2.3	2.3	2.3	2.3	2.3
57.5°	2.3	2.3	2.3	2.3	2.3
60°	2.3	2.3	2.3	2.3	2.3
62.5°	2.3	2.3	2.3	2.3	2.3
65°	1.1	2.3	1.1	1.1	1.1
67.5°	1.1	1.1	1.1	1.1	1.1
70°	1.1	1.1	1.1	1.1	1.1
72.5°	1.1	1.1	1.1	1.1	1.1
75°	1.1	1.1	1.1	1.1	1.1
77.5°	1.1	1.1	1.1	1.1	1.1
80°	0.0	0.0	1.1	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)