

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: P1313540

Luminaire Tested: P3SQAS17R259730DE010 E3SQCD1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1313540
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: P3SQAS17R259730DE010 E3SQCD1MB
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 97CRI , E3SQCD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

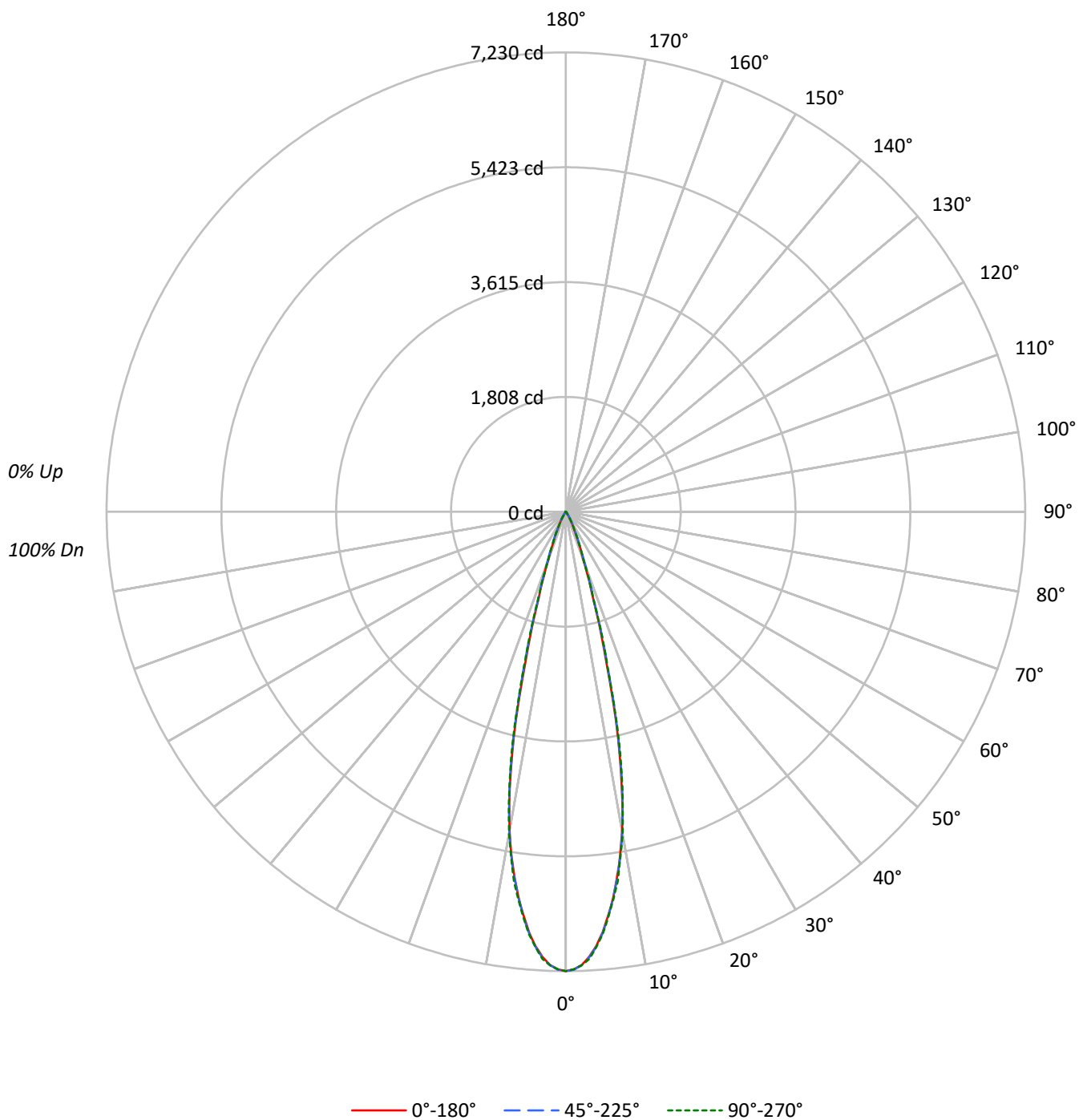
Lumens per Lamp: N/A
Luminaire Lumens: 1505.0 lumens
Efficiency: N/A
Efficacy: 71.0 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.45 / 0.41
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	1245221	1245221	1245221
5°	1148169	1150762	1153165
10°	891483	894701	899562
15°	440557	459082	459296
20°	148343	158295	151312
25°	61436	68239	63184
30°	24103	30307	24341
35°	6307	12383	6560
40°	2338	4924	2338
45°	292	1413	292
50°	0	322	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: 1413 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	585.9	38.9
10°-20°	708.6	47.1
20°-30°	173.0	11.5
30°-40°	33.6	2.2
40°-50°	3.8	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°	1467.5	97.5
0°-40°	1501.2	99.7
0°-60°	1505.0	100.0
0°-90°	1505.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1505.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	7230	7230	7230	7230	7230	
5°	6641	6651	6656	6685	6670	584
15°	2471	2530	2575	2600	2576	696
25°	323	341	359	344	332	164
35°	30	43	59	43	31	27
45°	1	4	6	4	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	0

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	7230.3	7230.3	7230.3	7230.3	7230.3
1°	7202.6	7207.2	7208.3	7215.3	7201.4
2°	7136.7	7137.9	7141.4	7155.2	7142.5
3°	7015.5	7023.6	7024.7	7043.2	7046.7
4°	6850.4	6855.0	6864.2	6895.4	6867.7
5°	6641.4	6650.6	6656.4	6685.3	6670.3
6°	6382.8	6385.1	6397.8	6431.3	6410.5
7°	6119.5	6118.4	6119.5	6146.1	6140.3
8°	5802.0	5796.2	5814.7	5847.0	5869.0
9°	5470.6	5478.7	5490.2	5521.4	5496.0
10°	5097.7	5119.6	5116.1	5118.5	5143.9
11°	4668.2	4675.1	4676.2	4700.5	4697.0
12°	4163.6	4163.6	4201.7	4240.9	4228.2
13°	3654.4	3690.2	3664.8	3672.9	3723.7
14°	3060.9	3088.6	3123.3	3155.6	3130.2
15°	2470.9	2529.8	2574.8	2600.2	2576.0
17.5°	1415.6	1435.2	1473.3	1477.9	1462.9
20°	809.4	833.6	863.7	854.4	825.6
22.5°	509.2	516.1	546.1	531.1	524.2
25°	323.3	340.6	359.1	344.1	332.5
27.5°	200.9	212.5	232.1	215.9	203.2
30°	121.2	131.6	152.4	130.5	122.4
32.5°	63.5	78.5	95.8	79.7	63.5
35°	30.0	42.7	58.9	42.7	31.2
37.5°	18.5	23.1	35.8	23.1	18.5
40°	10.4	15.0	21.9	15.0	10.4
42.5°	4.6	8.1	10.4	8.1	5.8
45°	1.2	3.5	5.8	3.5	1.2
47.5°	0.0	0.0	3.5	1.2	0.0
50°	0.0	0.0	1.2	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)