

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: P1307498

Luminaire Tested: P3SQAS02R259030DE010 E3SQCD1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1307498
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: P3SQAS02R259030DE010 E3SQCD1MB
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 90CRI , E3SQCD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

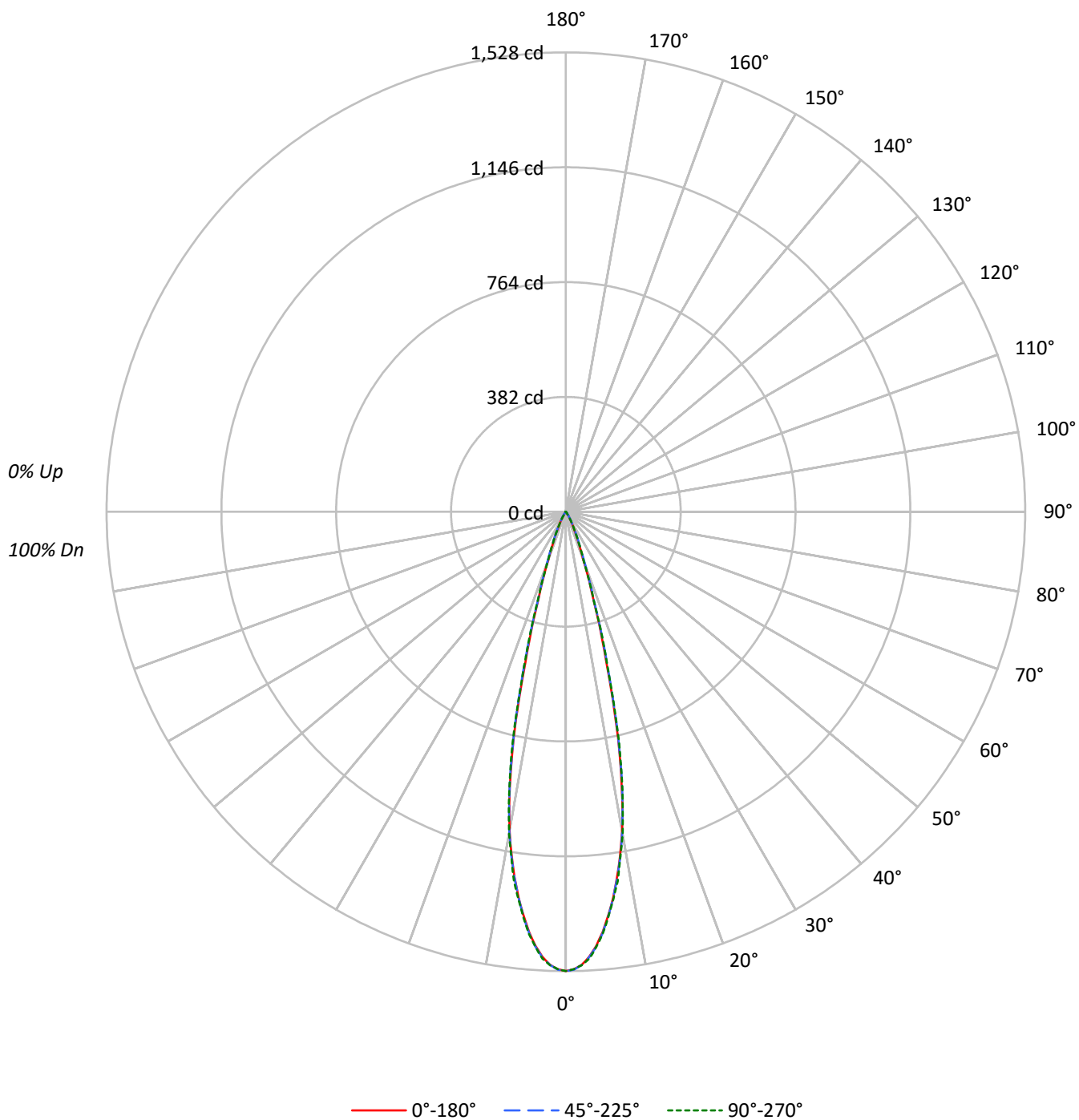
Lumens per Lamp: N/A
Luminaire Lumens: 318.0 lumens
Efficiency: N/A
Efficacy: 88.3 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.45 / 0.41
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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	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°	263105	263105	263105
5°	242603	243156	243658
10°	188363	189045	190076
15°	93089	96994	97048
20°	31340	33448	31963
25°	12979	14423	13359
30°	5091	6403	5151
35°	1325	2607	1388
40°	495	1034	495
45°	49	292	49
50°	0	54	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: 292 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	123.8	38.9
10°-20°	149.7	47.1
20°-30°	36.6	11.5
30°-40°	7.1	2.2
40°-50°	0.8	0.2
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°	310.1	97.5
0°-40°	317.2	99.7
0°-60°	318.0	100.0
0°-90°	318.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	318.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1528	1528	1528	1528	1528	
5°	1403	1405	1406	1413	1409	123
15°	522	534	544	549	544	147
25°	68	72	76	73	70	35
35°	6	9	12	9	7	6
45°	0	1	1	1	0	0
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°	1527.7	1527.7	1527.7	1527.7	1527.7
1°	1521.9	1522.8	1523.1	1524.6	1521.6
2°	1508.0	1508.2	1508.9	1511.9	1509.2
3°	1482.3	1484.1	1484.3	1488.2	1488.9
4°	1447.5	1448.4	1450.4	1457.0	1451.1
5°	1403.3	1405.3	1406.5	1412.6	1409.4
6°	1348.7	1349.1	1351.8	1358.9	1354.5
7°	1293.0	1292.8	1293.0	1298.6	1297.4
8°	1225.9	1224.7	1228.6	1235.5	1240.1
9°	1155.9	1157.6	1160.1	1166.7	1161.3
10°	1077.1	1081.8	1081.0	1081.5	1086.9
11°	986.4	987.8	988.1	993.2	992.5
12°	879.7	879.7	887.8	896.1	893.4
13°	772.2	779.7	774.4	776.1	786.8
14°	646.8	652.6	659.9	666.8	661.4
15°	522.1	534.5	544.0	549.4	544.3
17.5°	299.1	303.3	311.3	312.3	309.1
20°	171.0	176.1	182.5	180.5	174.4
22.5°	107.6	109.1	115.4	112.2	110.8
25°	68.3	72.0	75.9	72.7	70.3
27.5°	42.5	44.9	49.0	45.6	42.9
30°	25.6	27.8	32.2	27.6	25.9
32.5°	13.4	16.6	20.2	16.8	13.4
35°	6.3	9.0	12.4	9.0	6.6
37.5°	3.9	4.9	7.6	4.9	3.9
40°	2.2	3.2	4.6	3.2	2.2
42.5°	1.0	1.7	2.2	1.7	1.2
45°	0.2	0.7	1.2	0.7	0.2
47.5°	0.0	0.0	0.7	0.2	0.0
50°	0.0	0.0	0.2	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)