

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: P1312016

Luminaire Tested: P3SQAS02R609727DE010 E3SQCD1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1312016
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-29)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS02R609727DE010 E3SQCD1MB
Description: 3in Adjustable LED luminaire with, R60 optic, 2700K CCT AND, 97CRI , E3SQCD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

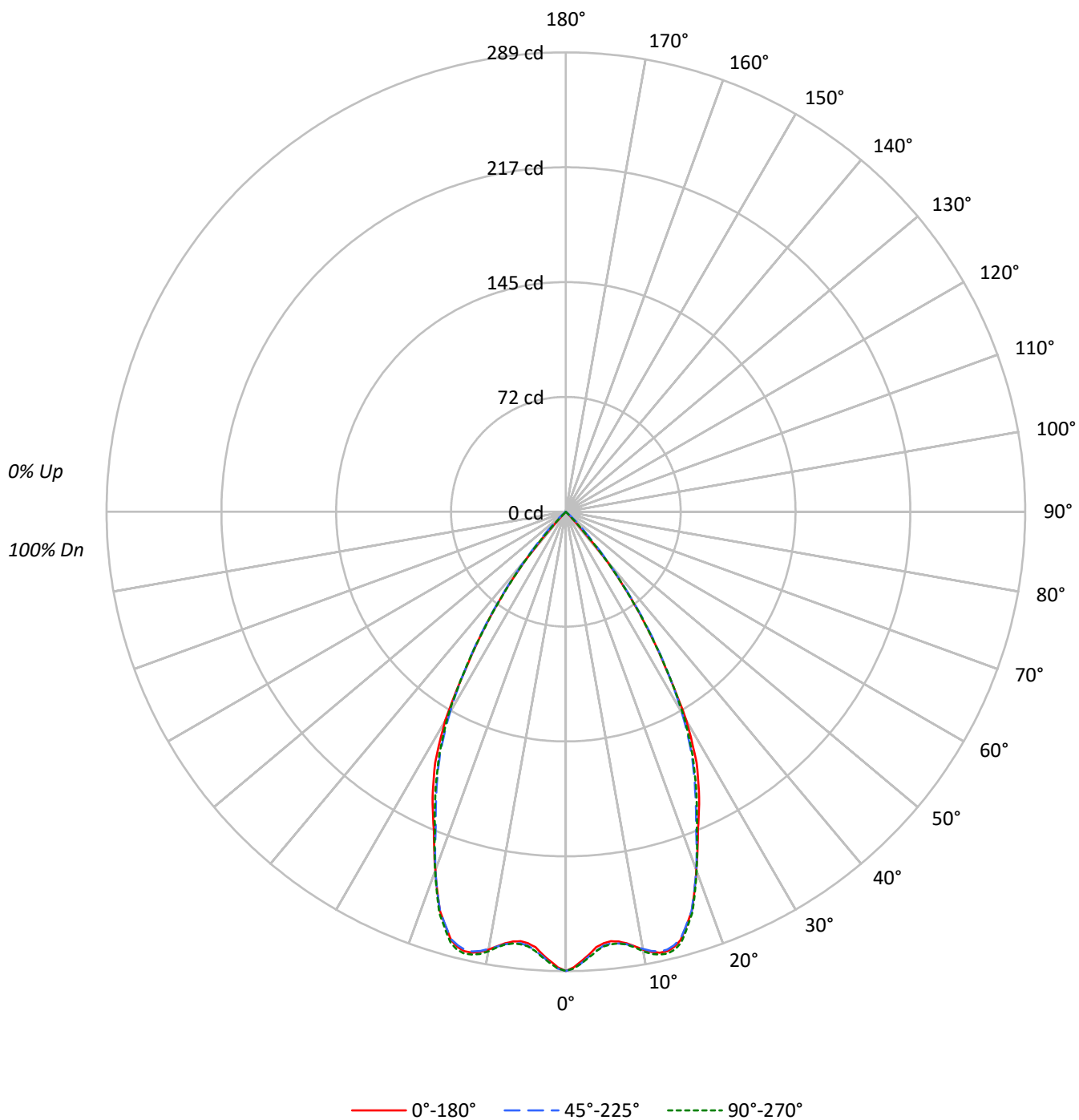
Lumens per Lamp: N/A
Luminaire Lumens: 256.0 lumens
Efficiency: N/A
Efficacy: 71.1 lumens/watt
Spacing Criteria (0/90/45): 0.95 / 0.93 / 0.9
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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			0
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50	30	10	0
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102	102	102	100
1	114	111	109	107	111	109	107	105	105	103	102		101	100	99		98	97	96	94
2	108	104	100	97	106	102	98	95	99	96	93		96	93	91		93	91	89	88
3	103	97	92	88	101	96	91	88	93	89	86		91	88	85		88	86	84	82
4	98	91	86	81	96	90	85	81	88	83	80		86	82	79		84	81	78	77
5	93	85	80	76	92	84	79	75	83	78	75		81	77	74		79	76	73	72
6	89	80	74	70	87	79	74	70	78	73	70		77	72	69		75	72	69	67
7	85	76	70	66	83	75	69	65	74	69	65		72	68	65		71	67	64	63
8	81	71	66	62	79	71	65	61	70	65	61		69	64	61		68	64	61	59
9	77	67	62	58	76	67	61	58	66	61	57		65	61	57		64	60	57	56
10	73	64	58	54	72	63	58	54	63	58	54		62	57	54		61	57	54	53

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	49755	49755	49755
5°	47110	47369	47438
10°	48914	48844	49124
15°	49727	49656	50013
20°	44004	44004	44078
25°	37701	36580	36884
30°	30168	29074	29512
35°	18712	19090	18670
40°	8206	9038	8453
45°	97	2923	244
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: 2923 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.4	10.3
10°-20°	76.5	29.9
20°-30°	88.8	34.7
30°-40°	55.9	21.8
40°-50°	8.4	3.3
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°	191.7	74.9
0°-40°	247.6	96.7
0°-60°	256.0	100.0
0°-90°	256.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	256.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	289	289	289	289	289	
5°	272	274	274	275	274	26
15°	279	278	278	280	280	76
25°	198	196	192	193	194	90
35°	89	89	91	89	89	56
45°	0	4	12	5	1	5
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°	288.9	288.9	288.9	288.9	288.9
1°	286.6	287.4	287.4	287.7	287.4
2°	282.8	284.0	284.0	284.6	284.2
3°	278.9	279.9	280.1	280.9	280.7
4°	274.6	276.2	276.8	277.2	277.0
5°	272.5	273.6	274.0	274.6	274.4
6°	271.7	272.5	273.0	273.6	273.6
7°	272.3	273.0	273.6	274.0	273.6
8°	274.2	274.8	274.8	275.6	275.0
9°	276.8	277.0	277.0	278.1	277.4
10°	279.7	279.3	279.3	280.7	280.9
11°	282.1	281.7	281.5	283.0	283.4
12°	283.6	282.8	282.8	284.6	284.8
13°	283.8	282.8	282.8	284.6	285.2
14°	282.1	280.9	281.1	283.2	283.8
15°	278.9	277.9	278.5	280.3	280.5
17.5°	263.4	262.7	263.2	264.4	264.6
20°	240.1	239.7	240.1	240.1	240.5
22.5°	217.0	216.0	214.0	215.2	215.4
25°	198.4	196.2	192.5	193.3	194.1
27.5°	178.0	175.2	171.3	172.3	172.5
30°	151.7	150.3	146.2	147.2	148.4
32.5°	117.2	121.1	118.6	118.4	118.6
35°	89.0	89.2	90.8	89.0	88.8
37.5°	62.3	62.5	63.7	61.7	61.9
40°	36.5	39.2	40.2	39.4	37.6
42.5°	11.4	20.2	22.9	19.8	12.7
45°	0.4	3.9	12.0	5.1	1.0
47.5°	0.0	0.2	5.7	0.4	0.0
50°	0.0	0.0	1.2	0.0	0.0
52.5°	0.0	0.0	0.2	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)