

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: P1305495

Luminaire Tested: P3SQAS02R609024DE010 E3SQCD1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1305495
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: P3SQAS02R609024DE010 E3SQCD1MB
Description: 3in Adjustable LED luminaire with, R60 optic, 2400K CCT AND, 90CRI , E3SQCD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

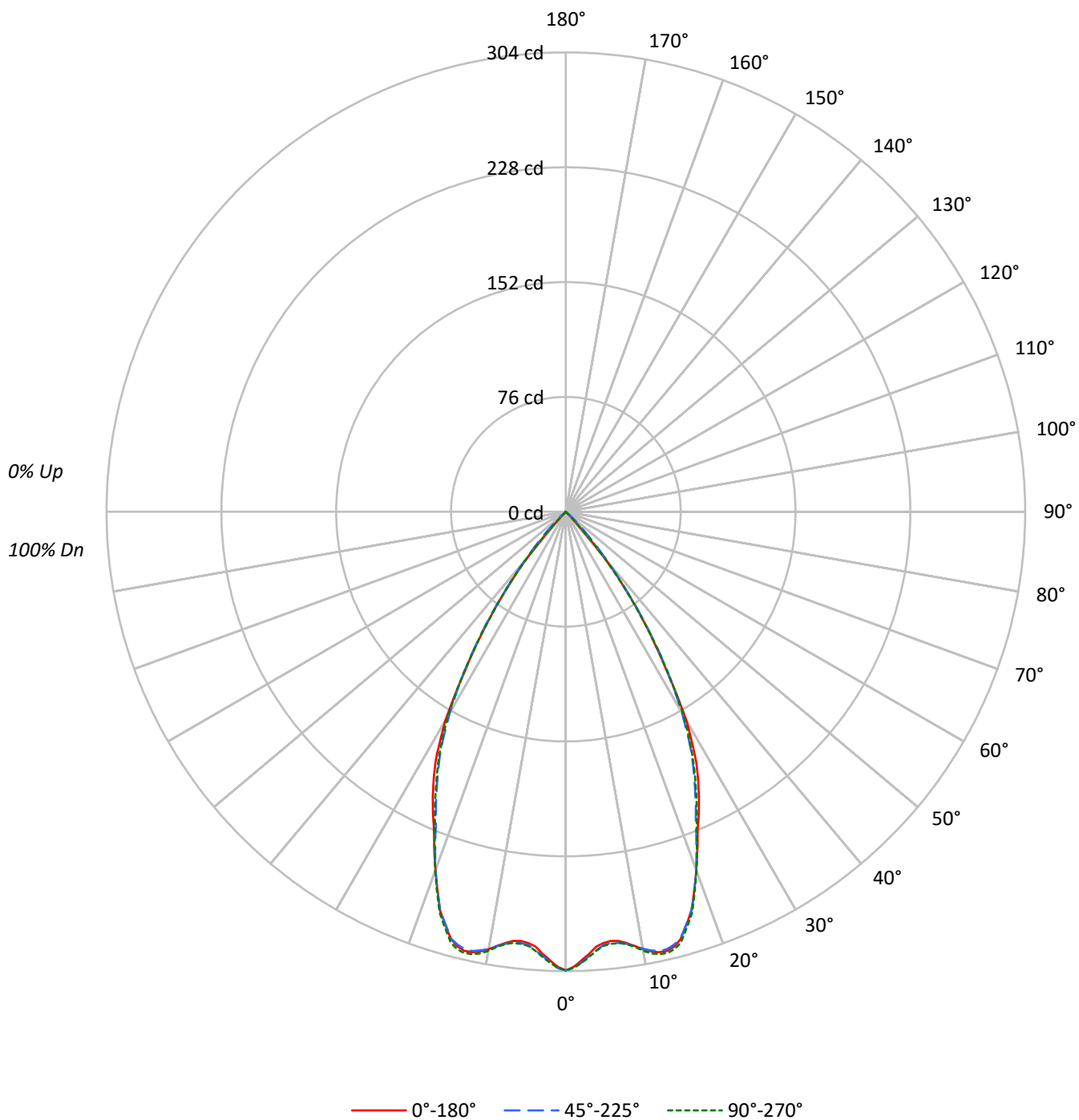
Lumens per Lamp: N/A
Luminaire Lumens: 269.0 lumens
Efficiency: N/A
Efficacy: 74.7 lumens/watt
Spacing Criteria (0/90/45): 0.95 / 0.93 / 0.9
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	52270	52270	52270
5°	49513	49772	49841
10°	51397	51327	51624
15°	52241	52170	52562
20°	46240	46240	46314
25°	39621	38442	38765
30°	31699	30546	31023
35°	19658	20078	19616
40°	8633	9510	8880
45°	97	3093	268
50°	0	348	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: 3093 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	27.7	10.3
10°-20°	80.4	29.9
20°-30°	93.3	34.7
30°-40°	58.7	21.8
40°-50°	8.8	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°	201.4	74.9
0°-40°	260.1	96.7
0°-60°	269.0	100.0
0°-90°	269.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	269.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	304	304	304	304	304	
5°	286	288	288	288	288	28
15°	293	292	293	294	295	80
25°	208	206	202	203	204	95
35°	94	94	96	94	93	58
45°	0	4	13	5	1	6
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°	303.5	303.5	303.5	303.5	303.5
1°	301.2	302.0	302.0	302.3	302.0
2°	297.1	298.4	298.4	299.0	298.6
3°	293.0	294.1	294.3	295.2	295.0
4°	288.5	290.2	290.9	291.3	291.1
5°	286.4	287.5	287.9	288.5	288.3
6°	285.5	286.4	286.8	287.5	287.5
7°	286.2	286.8	287.5	287.9	287.5
8°	288.1	288.7	288.7	289.6	289.0
9°	290.9	291.1	291.1	292.2	291.5
10°	293.9	293.5	293.5	295.0	295.2
11°	296.5	296.0	295.8	297.3	297.8
12°	298.0	297.1	297.1	299.0	299.3
13°	298.2	297.1	297.1	299.0	299.7
14°	296.5	295.2	295.4	297.5	298.2
15°	293.0	292.0	292.6	294.5	294.8
17.5°	276.7	276.1	276.5	277.8	278.0
20°	252.3	251.8	252.3	252.3	252.7
22.5°	228.0	227.0	224.8	226.1	226.3
25°	208.5	206.2	202.3	203.2	204.0
27.5°	187.1	184.1	180.0	181.1	181.3
30°	159.4	157.9	153.6	154.7	156.0
32.5°	123.1	127.2	124.6	124.4	124.6
35°	93.5	93.7	95.5	93.5	93.3
37.5°	65.4	65.6	66.9	64.8	65.0
40°	38.4	41.2	42.3	41.4	39.5
42.5°	12.0	21.2	24.0	20.8	13.3
45°	0.4	4.1	12.7	5.4	1.1
47.5°	0.0	0.2	6.0	0.4	0.0
50°	0.0	0.0	1.3	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)