

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: P1306161

Luminaire Tested: P3SQAS17R709024DE010 E3SQCLDWW1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1306161
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-46)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS17R709024DE010 E3SQCLDWW1MB
Description: 3in Adjustable LED luminaire with, R70 optic, 2400K CCT AND, 90CRI , E3SQCLDWW1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

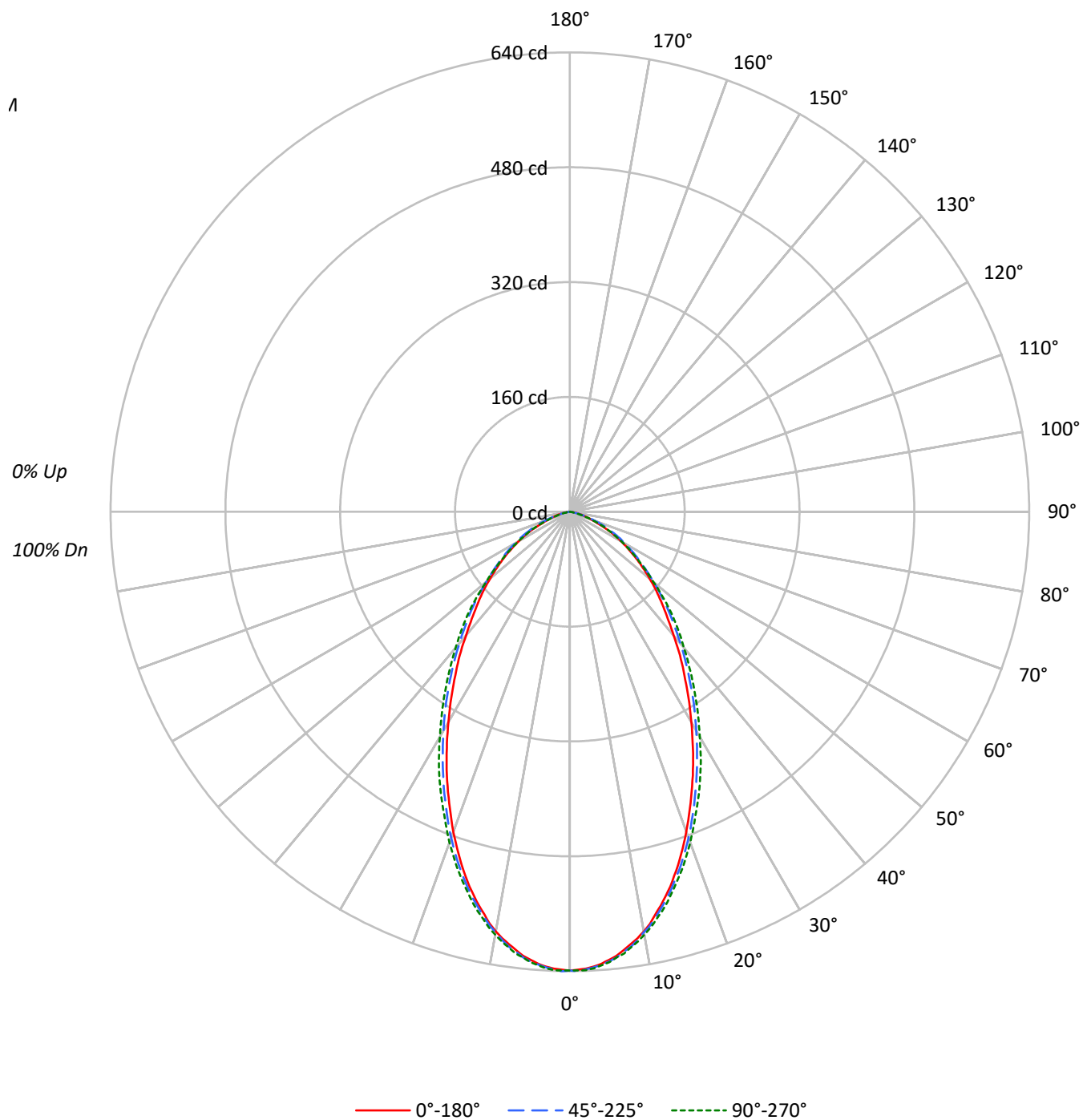
Lumens per Lamp: N/A
Luminaire Lumens: 915.0 lumens
Efficiency: N/A
Efficacy: 43.2 lumens/watt
Spacing Criteria (0/90/45): 0.89 / 0.93 / 1
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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	111	108	104	102	109	106	103	100	101	99	97		98	96	94		94
2	103	97	92	87	101	95	90	86	92	88	84		89	85	82		86
3	96	87	81	76	94	86	80	75	83	78	74		81	76	72		78
4	89	79	72	66	87	78	71	66	76	70	65		74	69	64		72
5	83	72	65	59	81	71	64	59	69	63	58		67	62	58		66
6	78	66	59	53	76	65	58	53	64	57	53		62	56	52		61
7	73	61	53	48	71	60	53	48	59	52	48		58	52	47		56
8	68	57	49	44	67	56	49	44	55	48	44		53	48	43		52
9	64	53	45	40	63	52	45	40	51	45	40		50	44	40		49
10	61	49	42	37	60	49	42	37	48	41	37		47	41	37		46

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	110067	110067	110067
5°	108344	108725	108932
10°	103826	104036	104630
15°	96352	97155	97975
20°	86964	88632	89878
25°	77018	79165	81122
30°	67276	69981	72009
35°	58469	61581	63494
40°	50540	53845	55643
45°	44230	47275	48663
50°	38930	40752	40752
55°	33749	35461	34440
60°	28555	30518	28933
65°	22209	25429	23147
70°	16013	18883	16013
75°	12111	11312	9050
80°	7835	5653	2281
85°	2174	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°

Vertical Angle: 45°

Luminance: 48663 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	58.9	6.4
10°-20°	152.1	16.6
20°-30°	190.9	20.9
30°-40°	182.4	19.9
40°-50°	148.3	16.2
50°-60°	103.8	11.3
60°-70°	58.6	6.4
70°-80°	18.6	2.0
80°-90°	1.4	0.2
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°	402.0	43.9
0°-40°	584.3	63.9
0°-60°	836.4	91.4
0°-90°	915.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	915.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	639	639	639	639	639	
5°	627	628	629	628	630	59
15°	540	542	545	546	550	151
25°	405	410	417	424	427	186
35°	278	283	293	299	302	174
45°	182	186	194	198	200	141
55°	112	114	118	116	115	101
65°	54	58	62	59	57	55
75°	18	18	17	15	14	20
85°	1	1	0	0	0	2
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	639.1	639.1	639.1	639.1	639.1
1°	638.0	639.1	640.3	638.0	639.1
2°	636.9	638.0	638.0	636.9	639.1
3°	634.6	635.7	635.7	634.6	636.9
4°	631.2	632.3	632.3	631.2	633.5
5°	626.7	627.8	628.9	627.8	630.1
6°	622.1	623.3	624.4	623.3	624.4
7°	615.3	617.6	617.6	617.6	619.9
8°	608.5	610.8	611.9	610.8	613.0
9°	601.7	602.8	604.0	604.0	606.2
10°	593.7	594.9	594.9	596.0	598.3
11°	584.7	584.7	586.9	586.9	590.3
12°	573.3	574.4	576.7	577.8	580.1
13°	563.1	564.2	566.5	567.6	571.0
14°	551.7	554.0	556.3	557.4	560.8
15°	540.4	541.5	544.9	546.1	549.5
17.5°	508.6	509.7	515.4	517.7	521.1
20°	474.5	477.9	483.6	487.0	490.4
22.5°	439.3	442.8	449.6	455.2	457.5
25°	405.3	409.8	416.6	423.5	426.9
27.5°	371.2	375.8	383.7	390.5	395.1
30°	338.3	342.8	351.9	357.6	362.1
32.5°	307.7	312.2	322.4	328.1	331.5
35°	278.1	282.7	292.9	298.6	302.0
37.5°	252.0	256.6	265.7	271.3	273.6
40°	224.8	230.5	239.5	245.2	247.5
42.5°	202.1	206.6	215.7	220.2	223.6
45°	181.6	186.2	194.1	197.5	199.8
47.5°	163.5	165.7	172.6	173.7	176.0
50°	145.3	147.6	152.1	153.3	152.1
52.5°	128.3	130.6	134.0	132.8	132.8
55°	112.4	113.5	118.1	115.8	114.7
57.5°	96.5	98.8	103.3	99.9	98.8
60°	82.9	85.1	88.6	86.3	84.0
62.5°	69.3	70.4	76.1	71.5	69.3
65°	54.5	57.9	62.4	59.0	56.8
67.5°	40.9	46.5	51.1	46.5	44.3
70°	31.8	34.1	37.5	35.2	31.8
72.5°	23.8	25.0	26.1	23.8	21.6
75°	18.2	18.2	17.0	14.8	13.6
77.5°	12.5	12.5	10.2	6.8	6.8
80°	7.9	7.9	5.7	2.3	2.3
82.5°	3.4	3.4	2.3	1.1	1.1
85°	1.1	1.1	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)