

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: P1316912

Luminaire Tested: P3SQAS05R709830DE010 E3SQCLDWW1MB

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1316912
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: P3SQAS05R709830DE010 E3SQCLDWW1MB
Description: 3in Adjustable LED luminaire with, R70 optic, 3000K CCT AND, 98CRI , E3SQCLDWW1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

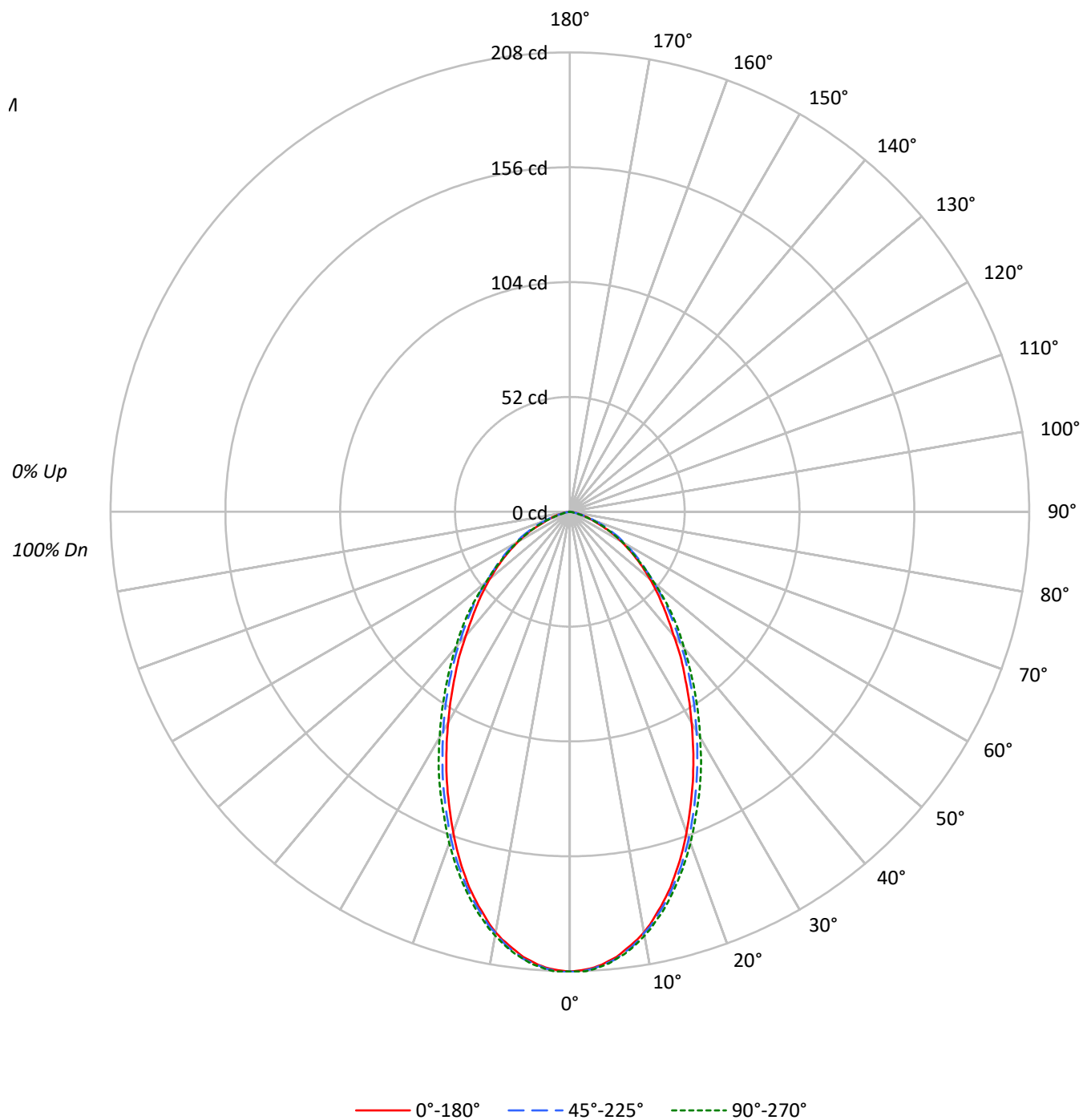
Lumens per Lamp: N/A
Luminaire Lumens: 298.0 lumens
Efficiency: N/A
Efficacy: 41.4 lumens/watt
Spacing Criteria (0/90/45): 0.89 / 0.93 / 0.99
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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°	35857	35857	35857
5°	35285	35406	35475
10°	33822	33874	34067
15°	31380	31648	31915
20°	28316	28866	29269
25°	25084	25787	26414
30°	21915	22790	23446
35°	19048	20057	20667
40°	16457	17536	18121
45°	14419	15393	15856
50°	12673	13263	13263
55°	10990	11560	11200
60°	9300	9920	9438
65°	7213	8273	7539
70°	5237	6143	5237
75°	3926	3660	2928
80°	2579	1785	694
85°	790	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 90°

Vertical Angle: 45°

Luminance: 15856 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	19.2	6.4
10°-20°	49.5	16.6
20°-30°	62.2	20.9
30°-40°	59.4	19.9
40°-50°	48.3	16.2
50°-60°	33.8	11.3
60°-70°	19.1	6.4
70°-80°	6.0	2.0
80°-90°	0.5	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°	130.9	43.9
0°-40°	190.3	63.9
0°-60°	272.4	91.4
0°-90°	298.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	298.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	208	208	208	208	208	
5°	204	204	205	204	205	19
15°	176	176	178	178	179	49
25°	132	134	136	138	139	61
35°	91	92	95	97	98	57
45°	59	61	63	64	65	46
55°	37	37	38	38	37	33
65°	18	19	20	19	18	18
75°	6	6	6	5	4	6
85°	0	0	0	0	0	1
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	208.2	208.2	208.2	208.2	208.2
1°	207.8	208.2	208.5	207.8	208.2
2°	207.4	207.8	207.8	207.4	208.2
3°	206.7	207.1	207.1	206.7	207.4
4°	205.6	205.9	205.9	205.6	206.3
5°	204.1	204.5	204.8	204.5	205.2
6°	202.6	203.0	203.4	203.0	203.4
7°	200.4	201.1	201.1	201.1	201.9
8°	198.2	198.9	199.3	198.9	199.7
9°	196.0	196.3	196.7	196.7	197.4
10°	193.4	193.7	193.7	194.1	194.8
11°	190.4	190.4	191.2	191.2	192.3
12°	186.7	187.1	187.8	188.2	188.9
13°	183.4	183.8	184.5	184.9	186.0
14°	179.7	180.4	181.2	181.5	182.6
15°	176.0	176.4	177.5	177.8	179.0
17.5°	165.6	166.0	167.9	168.6	169.7
20°	154.5	155.7	157.5	158.6	159.7
22.5°	143.1	144.2	146.4	148.3	149.0
25°	132.0	133.5	135.7	137.9	139.0
27.5°	120.9	122.4	125.0	127.2	128.7
30°	110.2	111.7	114.6	116.5	117.9
32.5°	100.2	101.7	105.0	106.9	108.0
35°	90.6	92.1	95.4	97.2	98.3
37.5°	82.1	83.6	86.5	88.4	89.1
40°	73.2	75.1	78.0	79.9	80.6
42.5°	65.8	67.3	70.2	71.7	72.8
45°	59.2	60.6	63.2	64.3	65.1
47.5°	53.2	54.0	56.2	56.6	57.3
50°	47.3	48.1	49.5	49.9	49.5
52.5°	41.8	42.5	43.6	43.3	43.3
55°	36.6	37.0	38.5	37.7	37.3
57.5°	31.4	32.2	33.6	32.5	32.2
60°	27.0	27.7	28.8	28.1	27.4
62.5°	22.6	22.9	24.8	23.3	22.6
65°	17.7	18.9	20.3	19.2	18.5
67.5°	13.3	15.2	16.6	15.2	14.4
70°	10.4	11.1	12.2	11.5	10.4
72.5°	7.8	8.1	8.5	7.8	7.0
75°	5.9	5.9	5.5	4.8	4.4
77.5°	4.1	4.1	3.3	2.2	2.2
80°	2.6	2.6	1.8	0.7	0.7
82.5°	1.1	1.1	0.7	0.4	0.4
85°	0.4	0.4	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)