

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: P1316897

Luminaire Tested: P3SQAS05R609830DE010 E3SQCD1MMS

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1316897
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: P3SQAS05R609830DE010 E3SQCD1MMS
Description: 3in Adjustable LED luminaire with, R60 optic, 3000K CCT AND, 98CRI , E3SQCD1MMS TRIM
Light Source: -
Ballast/Driver: -

Summary

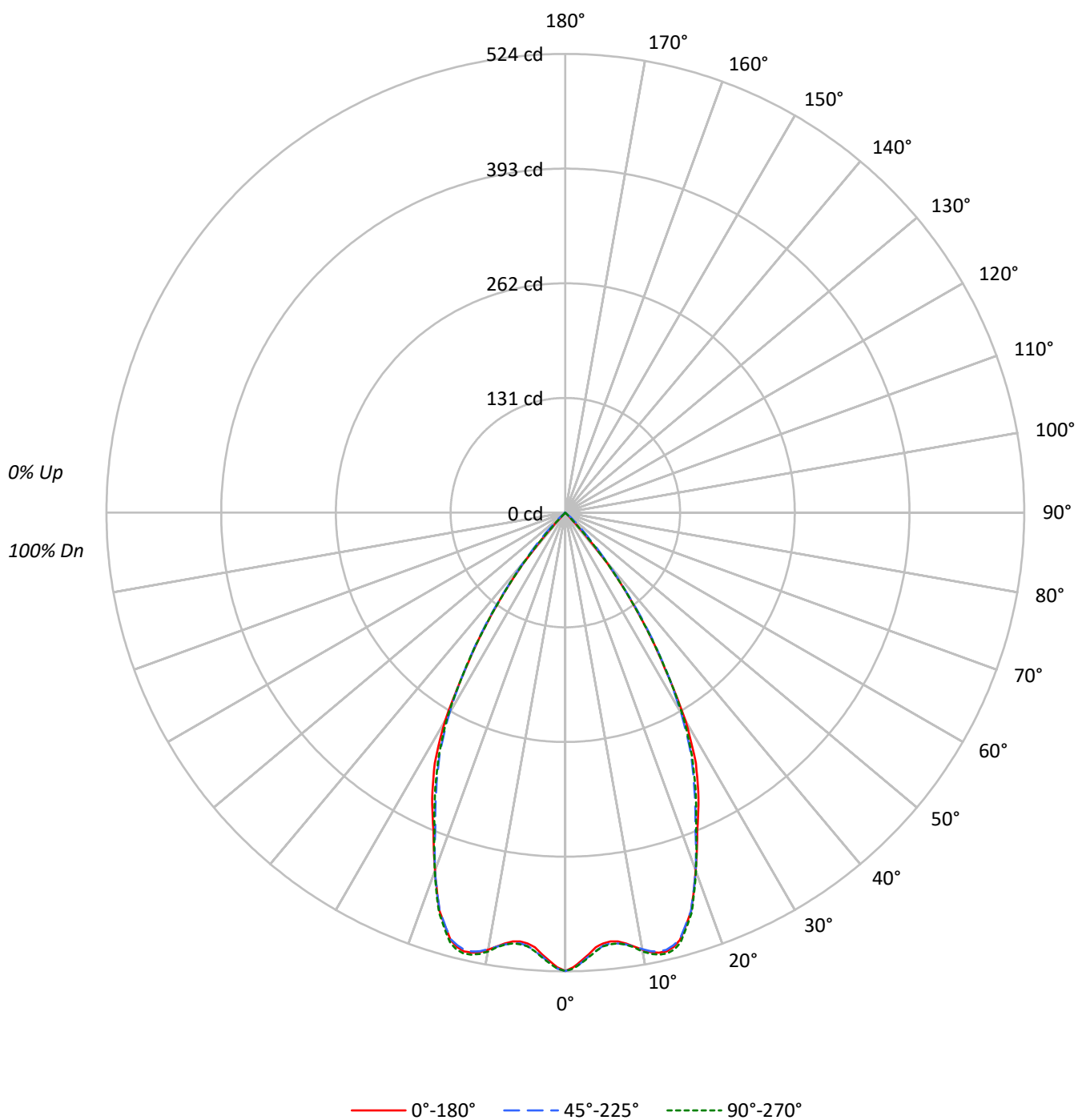
Lumens per Lamp: N/A
Luminaire Lumens: 464.0 lumens
Efficiency: N/A
Efficacy: 64.4 lumens/watt
Spacing Criteria (0/90/45): 0.95 / 0.93 / 0.9
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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	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°	90176	90176	90176
5°	85403	85852	85973
10°	88646	88524	89049
15°	90130	89987	90647
20°	79762	79762	79890
25°	68353	66300	66870
30°	54668	52679	53495
35°	33913	34627	33849
40°	14883	16389	15310
45°	170	5310	463
50°	0	589	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: 5310 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	47.8	10.3
10°-20°	138.6	29.9
20°-30°	160.9	34.7
30°-40°	101.3	21.8
40°-50°	15.2	3.3
50°-60°	0.1	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°	347.4	74.9
0°-40°	448.7	96.7
0°-60°	464.0	100.0
0°-90°	464.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	464.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	524	524	524	524	524	
5°	494	496	497	498	497	48
15°	506	504	505	508	508	139
25°	360	356	349	350	352	163
35°	161	162	165	161	161	101
45°	1	7	22	9	2	10
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°	523.6	523.6	523.6	523.6	523.6
1°	519.5	521.0	521.0	521.4	521.0
2°	512.5	514.7	514.7	515.8	515.1
3°	505.5	507.3	507.7	509.2	508.8
4°	497.7	500.6	501.8	502.5	502.1
5°	494.0	495.8	496.6	497.7	497.3
6°	492.5	494.0	494.7	495.8	495.8
7°	493.6	494.7	495.8	496.6	495.8
8°	496.9	498.1	498.1	499.5	498.4
9°	501.8	502.1	502.1	504.0	502.9
10°	506.9	506.2	506.2	508.8	509.2
11°	511.4	510.6	510.3	512.9	513.6
12°	514.0	512.5	512.5	515.8	516.2
13°	514.3	512.5	512.5	515.8	516.9
14°	511.4	509.2	509.5	513.2	514.3
15°	505.5	503.6	504.7	508.0	508.4
17.5°	477.3	476.2	477.0	479.2	479.6
20°	435.2	434.4	435.2	435.2	435.9
22.5°	393.3	391.5	387.8	390.0	390.4
25°	359.7	355.6	348.9	350.4	351.9
27.5°	322.7	317.5	310.5	312.3	312.7
30°	274.9	272.3	264.9	266.8	269.0
32.5°	212.4	219.4	215.0	214.6	215.0
35°	161.3	161.7	164.7	161.3	161.0
37.5°	112.9	113.2	115.4	111.7	112.1
40°	66.2	71.0	72.9	71.4	68.1
42.5°	20.7	36.6	41.4	35.9	22.9
45°	0.7	7.0	21.8	9.3	1.9
47.5°	0.0	0.4	10.4	0.7	0.0
50°	0.0	0.0	2.2	0.0	0.0
52.5°	0.0	0.0	0.4	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)