

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: P1308183

Luminaire Tested: P3SQAS17R359030DE010 E3SQCD1MMS

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1308183
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-25)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS17R359030DE010 E3SQCD1MMS
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 90CRI , E3SQCD1MMS TRIM
Light Source: -
Ballast/Driver: -

Summary

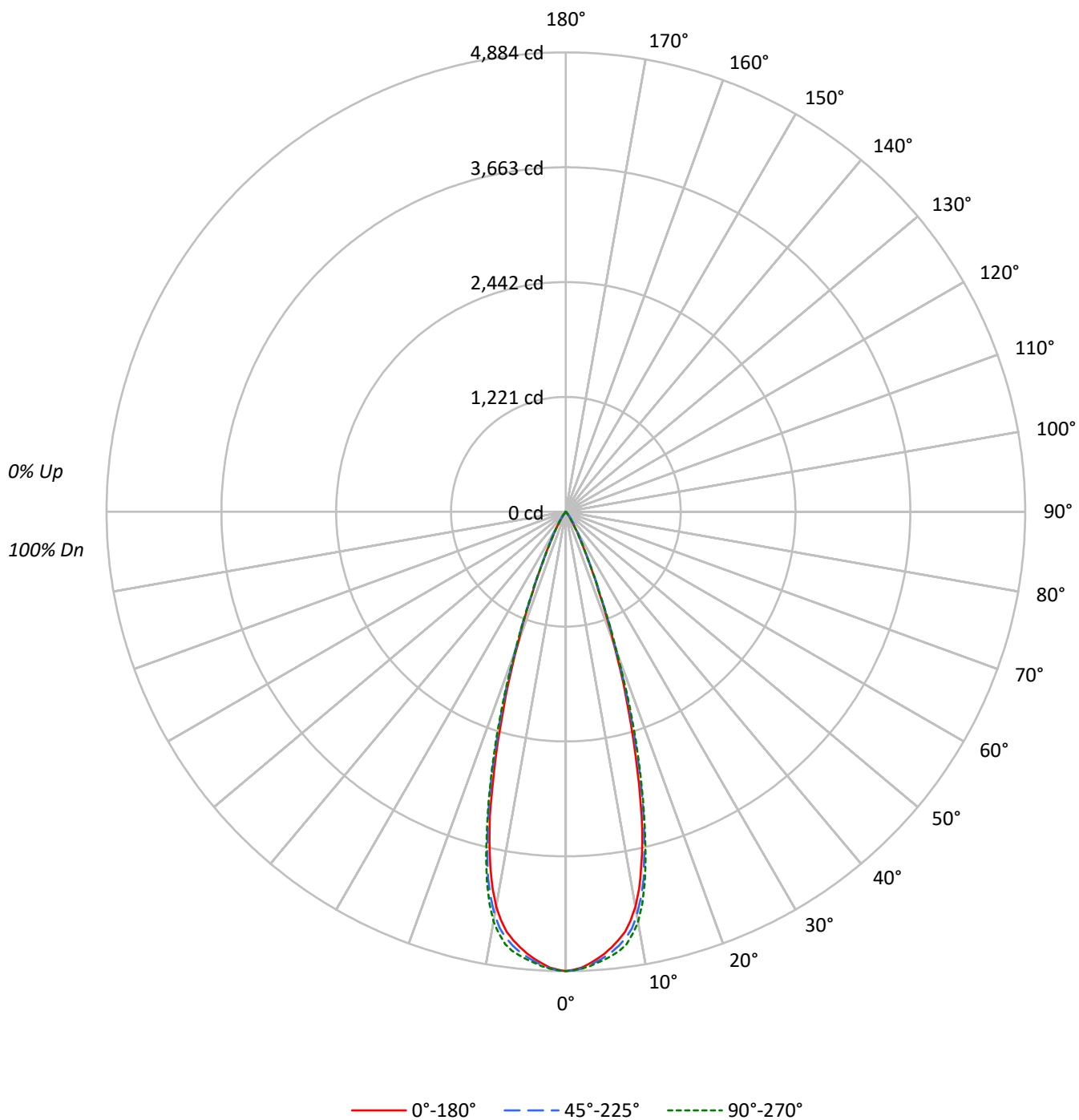
Lumens per Lamp: N/A
Luminaire Lumens: 1626.0 lumens
Efficiency: N/A
Efficacy: 76.7 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.58 / 0.52
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

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	115	113	111	109	113	111	109	107	107	105	104		103	102	101		100
2	111	107	104	102	109	106	103	100	102	100	98		100	98	96		97
3	107	102	99	96	105	101	98	95	99	96	94		96	94	92		94
4	104	98	94	91	102	97	93	90	95	92	89		93	91	88		92
5	100	94	90	87	99	93	90	87	92	88	86		90	87	85		89
6	97	91	86	83	96	90	86	83	89	85	83		88	84	82		86
7	94	88	83	80	93	87	83	80	86	82	80		85	82	79		84
8	91	85	80	77	91	84	80	77	83	80	77		82	79	77		81
9	89	82	78	75	88	81	77	75	81	77	74		80	77	74		79
10	86	79	75	72	85	79	75	72	78	75	72		78	74	72		77

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	841066	841066	841066
5°	815546	821338	825798
10°	745249	761023	774086
15°	535946	559356	563957
20°	272861	286551	287248
25°	103527	105731	102785
30°	40211	46614	39177
35°	13813	21655	12993
40°	4631	8386	4339
45°	317	2825	317
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: 2825 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	442.1	27.2
10°-20°	823.6	50.7
20°-30°	296.0	18.2
30°-40°	57.8	3.6
40°-50°	6.4	0.4
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°	1561.7	96.0
0°-40°	1619.5	99.6
0°-60°	1626.0	100.0
0°-90°	1626.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1626.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	4884	4884	4884	4884	4884	
5°	4717	4730	4751	4773	4777	437
15°	3006	3056	3137	3159	3163	799
25°	545	550	556	552	541	286
35°	66	75	103	76	62	49
45°	1	4	12	4	1	3
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°	4883.6	4883.6	4883.6	4883.6	4883.6
1°	4869.4	4875.9	4877.1	4886.2	4875.9
2°	4848.8	4852.7	4857.8	4865.5	4860.4
3°	4808.9	4816.6	4828.2	4838.5	4838.5
4°	4766.4	4776.7	4790.9	4808.9	4807.6
5°	4717.4	4730.3	4750.9	4772.8	4776.7
6°	4655.6	4671.1	4704.6	4735.5	4740.6
7°	4589.9	4613.1	4645.3	4690.4	4702.0
8°	4512.7	4530.7	4577.1	4629.9	4642.7
9°	4399.3	4426.4	4485.6	4534.6	4542.3
10°	4261.5	4280.9	4351.7	4403.2	4426.4
11°	4083.8	4112.1	4181.7	4234.5	4249.9
12°	3857.2	3898.4	3979.5	4018.1	4031.0
13°	3612.5	3647.2	3710.3	3758.0	3768.3
14°	3336.9	3370.3	3436.0	3474.7	3465.6
15°	3005.9	3056.1	3137.2	3159.1	3163.0
17.5°	2220.3	2252.5	2324.6	2359.4	2383.8
20°	1488.8	1519.7	1563.5	1586.6	1567.3
22.5°	905.4	931.1	954.3	953.0	946.6
25°	544.8	549.9	556.4	552.5	540.9
27.5°	318.1	332.3	351.6	338.7	319.4
30°	202.2	213.8	234.4	212.5	197.0
32.5°	106.9	135.2	157.1	127.5	112.0
35°	65.7	74.7	103.0	76.0	61.8
37.5°	39.9	46.4	64.4	45.1	36.1
40°	20.6	29.6	37.3	27.0	19.3
42.5°	6.4	14.2	20.6	12.9	6.4
45°	1.3	3.9	11.6	3.9	1.3
47.5°	0.0	0.0	5.2	1.3	0.0
50°	0.0	0.0	1.3	0.0	0.0
52.5°	0.0	0.0	0.0	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)