

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: P1308478

Luminaire Tested: P3SQAS24R359030D010 E3SQPH1MMS

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1308478
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-5)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS24R359030D010 E3SQPH1MMS
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 90CRI , E3SQPH1MMS TRIM
Light Source: -
Ballast/Driver: -

Summary

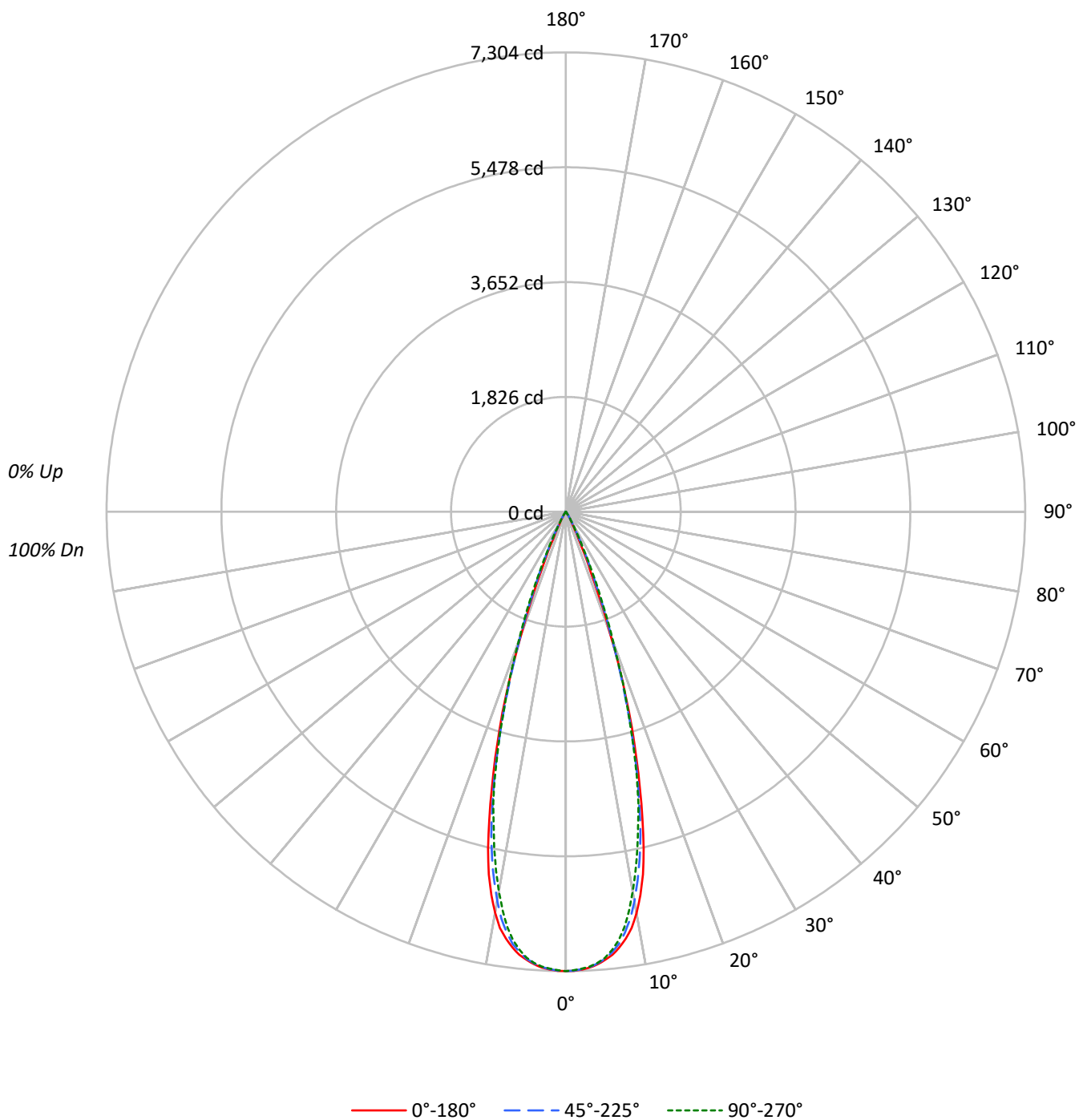
Lumens per Lamp: N/A
Luminaire Lumens: 2217.0 lumens
Efficiency: N/A
Efficacy: 77.0 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.56 / 0.51
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100
1	115	113	111	109	113	111	109	108	107	106	104	103	102	101	100	99	98	97	97	97
2	111	108	105	102	109	106	103	101	103	101	99	100	98	97	97	96	95	93	93	93
3	108	103	100	97	106	102	99	96	99	97	94	97	95	93	95	93	92	90	90	90
4	104	99	95	92	103	98	94	92	96	93	91	94	92	90	93	90	89	87	87	87
5	101	95	91	88	100	95	91	88	93	90	87	92	89	87	90	88	86	85	85	85
6	98	92	88	85	97	91	88	85	90	87	84	89	86	84	88	85	83	82	82	82
7	96	89	85	82	94	89	85	82	87	84	81	86	83	81	85	83	81	80	80	80
8	93	86	82	79	92	86	82	79	85	81	79	84	81	79	83	80	78	77	77	77
9	90	84	80	77	89	83	79	77	82	79	76	82	79	76	81	78	76	75	75	75
10	88	81	77	75	87	81	77	74	80	77	74	80	76	74	79	76	74	73	73	73

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	1257949	1257949	1257949
5°	1236355	1233710	1231065
10°	1133096	1099030	1072308
15°	811363	785492	775953
20°	376228	389186	402840
25°	89275	127014	132449
30°	26210	30009	33807
35°	6013	9629	8830
40°	1281	2585	1709
45°	463	463	463
50°	509	0	509
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: 0°

Vertical Angle: 52.5°

Luminance: 538 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	655.8	29.6
10°-20°	1172.3	52.9
20°-30°	352.7	15.9
30°-40°	33.7	1.5
40°-50°	2.3	0.1
50°-60°	0.2	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°	2180.8	98.4
0°-40°	2214.5	99.9
0°-60°	2217.0	100.0
0°-90°	2217.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2217.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	7304	7304	7304	7304	7304	
5°	7152	7150	7136	7127	7121	663
15°	4551	4516	4406	4386	4352	1202
25°	470	518	668	697	697	302
35°	29	38	46	50	42	26
45°	2	2	2	2	2	2
55°	0	0	0	0	0	1
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°	7304.2	7304.2	7304.2	7304.2	7304.2
1°	7300.4	7300.4	7296.6	7296.6	7289.0
2°	7283.2	7285.2	7277.5	7275.6	7269.9
3°	7256.5	7250.8	7250.8	7247.0	7243.1
4°	7214.5	7203.0	7199.2	7201.1	7193.5
5°	7151.5	7149.6	7136.2	7126.7	7120.9
6°	7082.7	7069.4	7040.7	7015.9	7010.2
7°	6979.6	6951.0	6926.1	6874.6	6866.9
8°	6853.6	6807.7	6754.3	6681.7	6677.9
9°	6698.9	6624.4	6550.0	6452.6	6418.2
10°	6479.3	6410.6	6284.5	6198.6	6131.7
11°	6206.2	6120.3	5973.3	5870.1	5814.8
12°	5896.9	5816.7	5644.8	5551.2	5472.9
13°	5499.7	5432.8	5272.4	5169.3	5108.2
14°	5039.5	4989.8	4837.0	4791.2	4770.2
15°	4550.6	4516.2	4405.5	4386.4	4352.0
17.5°	3349.5	3292.2	3229.1	3240.6	3252.1
20°	2052.8	2133.0	2123.5	2165.5	2198.0
22.5°	1023.5	1126.7	1247.0	1319.5	1355.8
25°	469.8	517.5	668.4	697.0	697.0
27.5°	236.8	248.2	315.1	320.8	336.1
30°	131.8	141.3	150.9	168.0	170.0
32.5°	66.8	78.3	82.1	91.7	87.8
35°	28.6	38.2	45.8	49.6	42.0
37.5°	13.4	17.2	24.8	22.9	17.2
40°	5.7	7.6	11.5	9.5	7.6
42.5°	3.8	3.8	5.7	3.8	3.8
45°	1.9	1.9	1.9	1.9	1.9
47.5°	1.9	1.9	0.0	1.9	1.9
50°	1.9	0.0	0.0	0.0	1.9
52.5°	1.9	0.0	0.0	0.0	1.9
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)