

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: P1313996

Luminaire Tested: P3SQAS05R129735DE010 E3SQCD1MB

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1313996
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-24)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3SQAS05R129735DE010 E3SQCD1MB
Description: 3in Adjustable LED luminaire with, R12 optic, 3500K CCT AND, 97CRI , E3SQCD1MB TRIM
Light Source: -
Ballast/Driver: -

Summary

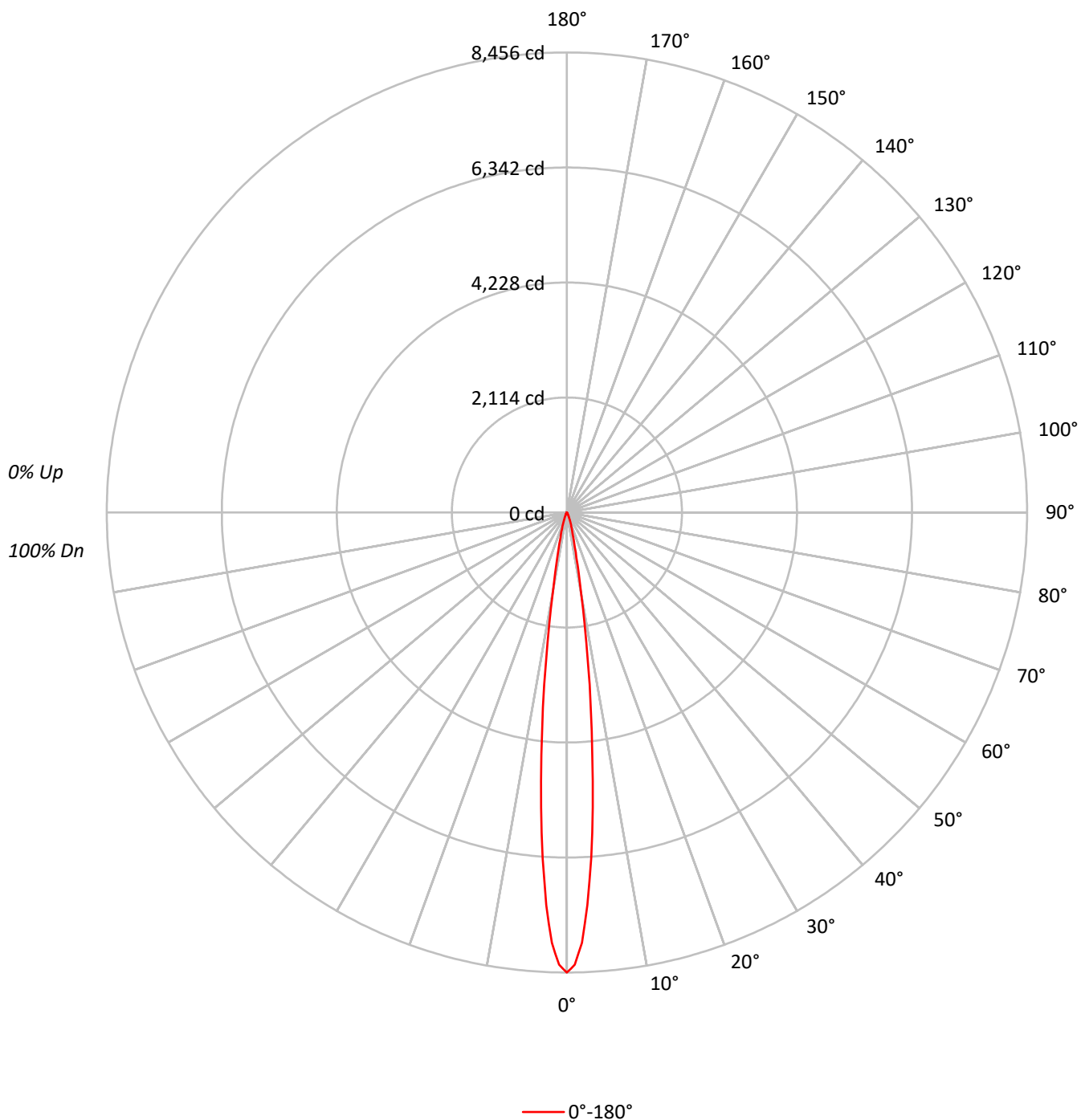
Lumens per Lamp: N/A
Luminaire Lumens: 574.0 lumens
Efficiency: N/A
Efficacy: 75.5 lumens/watt
Spacing Criteria (0/90/45): 0.22 / 0.22 / 0.22
Luminous Opening: Rectangular (W 0.25' x L: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.6
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		
1	116	114	113	111	114	112	111	109	108	107	106	104	104	103	101	101	100	98		
2	113	110	108	106	111	108	106	104	105	104	102	103	101	100	100	99	98	97		
3	110	107	104	102	109	105	103	101	103	101	99	101	99	98	99	98	96	95		
4	108	104	101	98	107	103	100	98	101	99	97	99	97	96	98	96	95	94		
5	106	102	98	96	105	101	98	96	99	97	95	98	96	94	97	95	93	92		
6	104	99	96	94	103	99	96	94	98	95	93	96	94	93	95	93	92	91		
7	102	98	94	92	101	97	94	92	96	93	92	95	93	91	94	92	91	90		
8	101	96	93	91	100	95	93	90	95	92	90	94	92	90	93	91	90	89		
9	99	94	91	89	98	94	91	89	93	91	89	93	90	89	92	90	88	88		
10	98	93	90	88	97	93	90	88	92	90	88	91	89	88	91	89	87	87		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1456384
5°	941006
10°	265502
15°	75063
20°	31395
25°	13891
30°	7100
35°	3742
40°	1596
45°	438
50°	482
55°	0
60°	0
65°	0
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 50°

Luminance: 482 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	383.5	66.8
10°-20°	139.1	24.2
20°-30°	37.3	6.5
30°-40°	11.7	2.0
40°-50°	2.2	0.4
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°	559.9	97.5
0°-40°	571.6	99.6
0°-60°	574.0	100.0
0°-90°	574.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	574.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	8456	
5°	5443	384
15°	421	139
25°	73	37
35°	18	12
45°	2	2
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	8456.4
1°	8313.7
2°	7912.2
3°	7225.4
4°	6372.6
5°	5443.1
6°	4474.4
7°	3607.3
8°	2776.0
9°	2065.9
10°	1518.2
11°	1118.6
12°	842.1
13°	653.0
14°	517.4
15°	421.0
17.5°	267.6
20°	171.3
22.5°	110.6
25°	73.1
27.5°	50.0
30°	35.7
32.5°	25.0
35°	17.8
37.5°	12.5
40°	7.1
42.5°	3.6
45°	1.8
47.5°	1.8
50°	1.8
52.5°	0.0
55°	0.0
57.5°	0.0
60°	0.0
62.5°	0.0
65°	0.0
67.5°	0.0
70°	0.0
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)