

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: P1271429

Luminaire Tested: P3AS05R609827DE010 E3D1WMH

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1271429
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R609827DE010 E3D1WMH
Description: 3in Adjustable LED luminaire with, R60 optic, 2700K CCT AND, 98CRI , E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

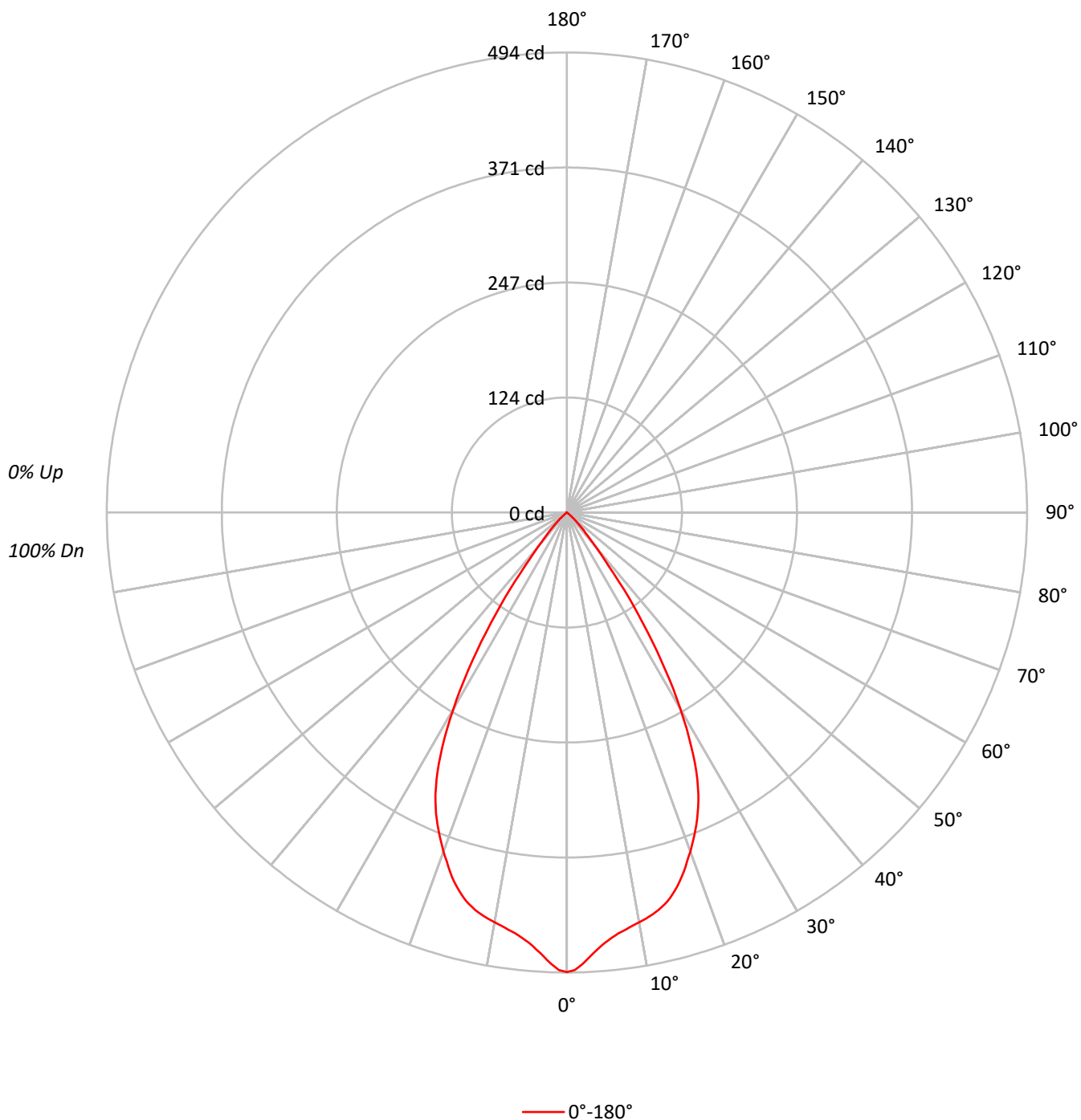
Lumens per Lamp: N/A
Luminaire Lumens: 413.0 lumens
Efficiency: N/A
Efficacy: 57.4 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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					30					10					0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10			0
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102			100
1	114	111	109	106	111	109	107	105	105	103	102	101	100	99	98	97	96			94
2	108	104	100	96	106	102	98	95	99	96	93	96	93	91	93	91	89			88
3	103	97	92	88	101	96	91	88	93	89	86	91	87	85	88	86	84			82
4	98	91	85	81	96	90	85	81	88	83	80	86	82	79	84	81	78			77
5	93	85	80	75	92	84	79	75	83	78	74	81	77	74	79	76	73			72
6	89	80	74	70	87	79	74	70	78	73	70	77	72	69	75	71	69			67
7	85	76	70	66	83	75	69	65	74	69	65	72	68	65	71	67	64			63
8	81	71	65	61	79	71	65	61	70	65	61	69	64	61	68	64	61			59
9	77	67	62	58	76	67	61	58	66	61	57	65	61	57	64	60	57			56
10	73	64	58	54	72	63	58	54	63	58	54	62	57	54	61	57	54			53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	108215
5°	102157
10°	99508
15°	97231
20°	90401
25°	80811
30°	61731
35°	35630
40°	13826
45°	5768
50°	1262
55°	191
60°	132
65°	104
70°	128
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 5768 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	43.8	10.6
10°-20°	119.3	28.9
20°-30°	149.4	36.2
30°-40°	83.5	20.2
40°-50°	15.9	3.8
50°-60°	0.8	0.2
60°-70°	0.2	0.1
70°-80°	0.1	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°	312.5	75.7
0°-40°	396.1	95.9
0°-60°	412.7	99.9
0°-90°	413.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	413.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	494	
5°	464	44
15°	428	119
25°	334	149
35°	133	84
45°	19	16
55°	0	1
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	493.5
1°	491.5
2°	485.0
3°	477.4
4°	470.3
5°	464.1
6°	459.4
7°	455.3
8°	452.3
9°	449.4
10°	446.9
11°	444.3
12°	441.5
13°	437.9
14°	433.7
15°	428.3
16°	421.7
17°	414.3
18°	405.8
19°	396.2
20°	387.4
21°	377.9
22°	368.1
23°	357.8
24°	346.5
25°	334.0
26°	319.3
27°	302.9
28°	284.5
29°	264.9
30°	243.8
31°	222.5
32°	200.5
32.5°	188.5
33°	177.7
34°	155.3
35°	133.1
36°	113.2
37°	92.1
37.5°	82.4
38°	73.0
39°	58.8
40°	48.3
42.5°	29.4
45°	18.6



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CANDELA DISTRIBUTION (continued):

	0°
47.5°	10.3
50°	3.7
52.5°	0.8
55°	0.5
57.5°	0.3
60°	0.3
62.5°	0.2
65°	0.2
67.5°	0.2
70°	0.2
72.5°	0.2
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)