

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: P1271523

Luminaire Tested: P3AS09R159827DE010 E3DLD1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1271523
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R159827DE010 E3DLD1WH
Description: 3in Adjustable LED luminaire with, R15 optic, 2700K CCT AND, 98CRI , E3DLD1WH TRIM
Light Source: -
Ballast/Driver: -

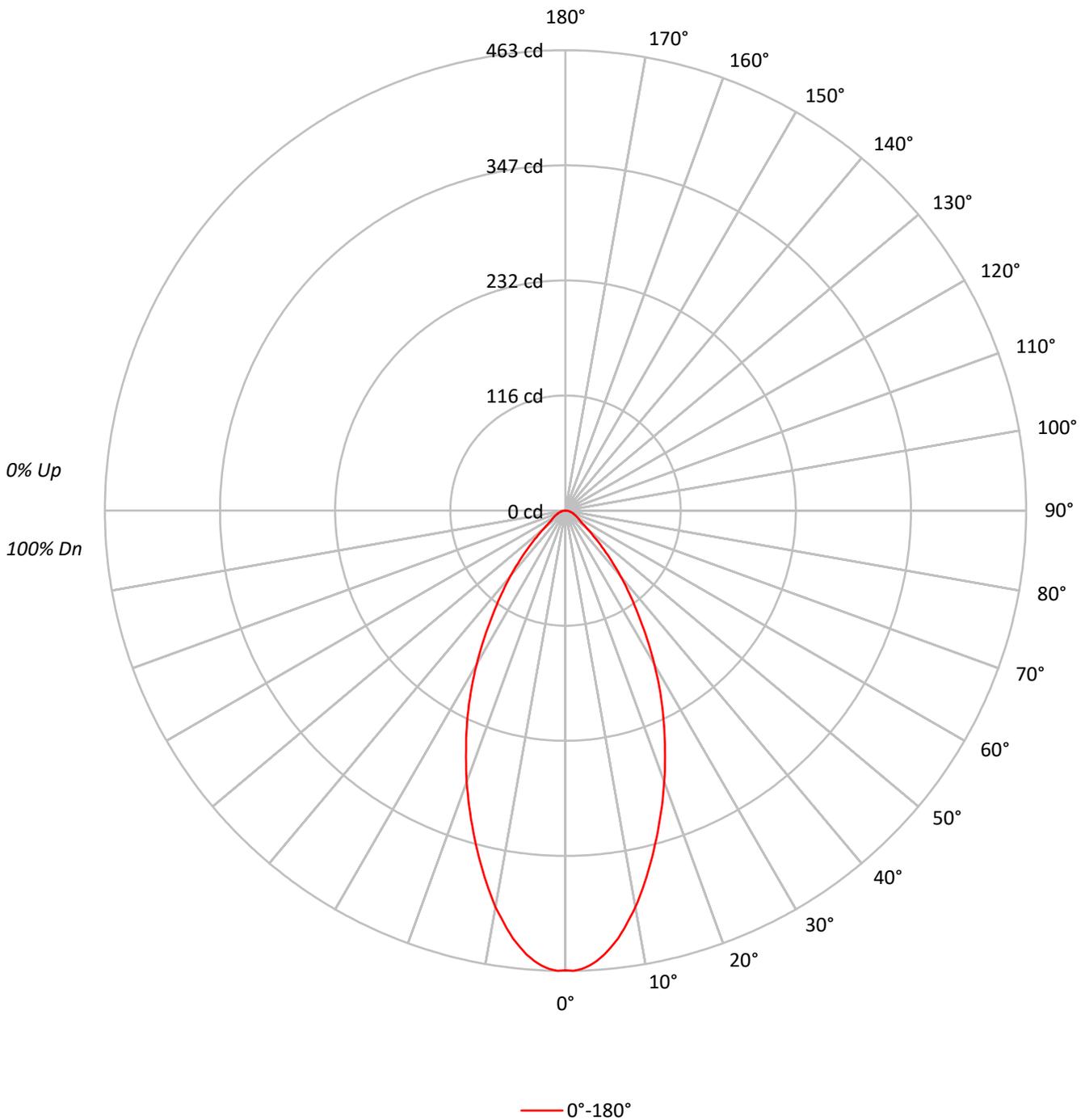
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 402.0 lumens
Efficiency: N/A
Efficacy: 36.5 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11
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			0	
RW	70	50	30	10	70	50	30	10	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			100
1	113	109	107	104	110	107	105	102	103	101	99	99	98	96	96	95	93	91			91
2	106	100	96	92	104	99	95	91	95	92	89	92	90	87	90	87	85	83			83
3	100	93	87	83	98	91	86	82	89	84	81	86	82	79	84	81	78	76			76
4	94	86	80	75	92	85	79	74	82	77	73	80	76	73	78	75	72	70			70
5	89	80	73	68	87	79	73	68	77	72	67	75	71	67	74	69	66	65			65
6	84	74	68	63	83	73	67	63	72	66	62	70	66	62	69	65	61	60			60
7	80	69	63	58	78	69	63	58	67	62	58	66	61	57	65	61	57	56			56
8	76	65	59	54	74	65	58	54	63	58	54	62	57	54	61	57	53	52			52
9	72	61	55	51	71	61	55	51	60	54	50	59	54	50	58	53	50	49			49
10	68	58	52	48	67	57	51	47	57	51	47	56	51	47	55	50	47	46			46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	101395
5°	98657
10°	90156
15°	78956
20°	67743
25°	56568
30°	45273
35°	33943
40°	24646
45°	16095
50°	10064
55°	6805
60°	6052
65°	5552
70°	5193
75°	4745
80°	4546
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 16095 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	41.4	10.3
10°-20°	96.9	24.1
20°-30°	106.8	26.6
30°-40°	80.0	19.9
40°-50°	41.4	10.3
50°-60°	17.2	4.3
60°-70°	10.6	2.6
70°-80°	6.0	1.5
80°-90°	1.7	0.4
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°	245.1	61.0
0°-40°	325.0	80.9
0°-60°	383.7	95.4
0°-90°	402.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	402.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	462	
5°	448	41
15°	348	97
25°	234	107
35°	127	80
45°	52	41
55°	18	17
65°	11	11
75°	6	6
85°	2	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	462.4
1°	462.9
2°	461.4
3°	458.3
4°	453.8
5°	448.2
6°	441.0
7°	433.4
8°	424.2
9°	414.5
10°	404.9
12.5°	376.9
15°	347.8
17.5°	318.8
20°	290.3
22.5°	261.3
25°	233.8
27.5°	206.3
30°	178.8
32.5°	151.8
35°	126.8
37.5°	105.4
40°	86.1
42.5°	68.2
45°	51.9
47.5°	39.2
50°	29.5
52.5°	21.9
55°	17.8
57.5°	15.8
60°	13.8
62.5°	12.2
65°	10.7
67.5°	9.2
70°	8.1
72.5°	6.6
75°	5.6
77.5°	4.6
80°	3.6
82.5°	2.5
85°	1.5
87.5°	0.5
90°	0.0

(END OF REPORT)