

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: P1274749

Luminaire Tested: P3AS20R359830D010 E3DLP1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274749
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-17)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R359830D010 E3DLP1H
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 98CRI , E3DLP1H TRIM
Light Source: -
Ballast/Driver: -

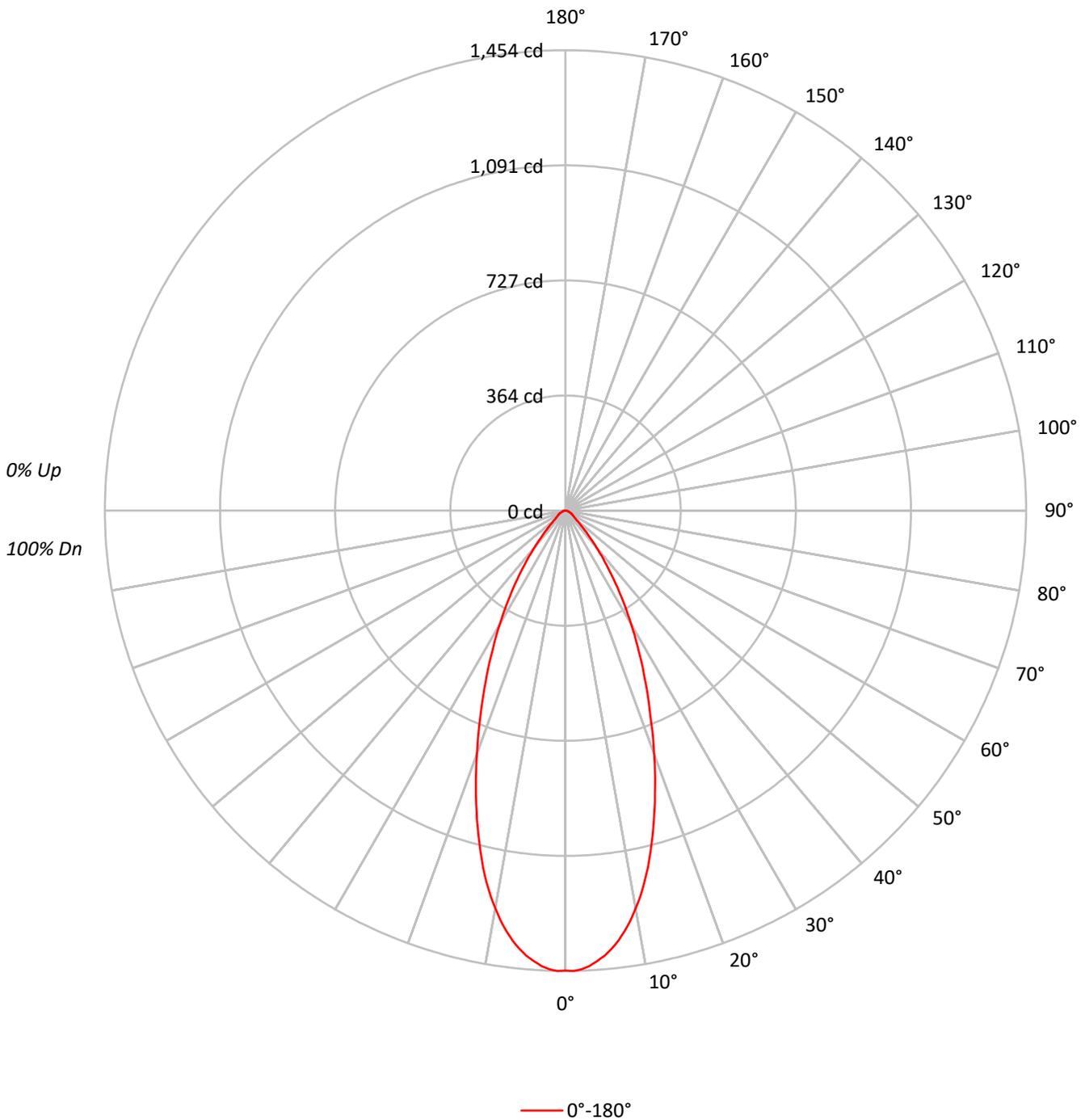
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 991.0 lumens
Efficiency: N/A
Efficacy: 36.2 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 27.4
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			
1	113	110	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	93			
2	107	102	98	94	105	100	97	93	97	94	91	94	92	89	91	89	87	86			
3	102	95	90	86	100	94	89	85	91	87	84	89	85	82	86	84	81	80			
4	97	89	83	79	95	88	82	78	86	81	77	84	80	77	82	78	76	74			
5	92	83	77	73	90	82	77	73	81	76	72	79	75	71	77	74	71	69			
6	87	78	72	68	86	77	72	68	76	71	67	75	70	67	73	69	66	65			
7	83	74	68	63	82	73	67	63	72	67	63	71	66	63	69	65	62	61			
8	79	70	64	60	78	69	63	59	68	63	59	67	62	59	66	62	59	57			
9	76	66	60	56	75	66	60	56	65	59	56	64	59	56	63	59	55	54			
10	72	63	57	53	71	62	57	53	61	56	53	61	56	53	60	56	53	51			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	318527
5°	310675
10°	284029
15°	241091
20°	190860
25°	144347
30°	105079
35°	71072
40°	43682
45°	25088
50°	15113
55°	12234
60°	10701
65°	9495
70°	7822
75°	7795
80°	7703
85°	7799

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 25088 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	130.4	13.2
10°-20°	292.8	29.5
20°-30°	273.9	27.6
30°-40°	167.6	16.9
40°-50°	66.1	6.7
50°-60°	29.1	2.9
60°-70°	18.1	1.8
70°-80°	9.7	1.0
80°-90°	3.3	0.3
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°	697.1	70.3
0°-40°	864.7	87.3
0°-60°	959.9	96.9
0°-90°	991.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	991.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1453	
5°	1411	130
15°	1062	293
25°	597	274
35°	266	168
45°	81	66
55°	32	29
65°	18	18
75°	9	10
85°	3	3
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1452.6
1°	1454.2
2°	1449.6
3°	1440.4
4°	1426.7
5°	1411.4
6°	1391.6
7°	1368.7
8°	1341.2
9°	1310.7
10°	1275.6
11°	1239.0
12°	1199.3
13°	1156.6
14°	1109.3
15°	1062.0
17.5°	939.9
20°	817.9
22.5°	700.4
25°	596.6
27.5°	500.5
30°	415.0
32.5°	335.7
35°	265.5
37.5°	202.9
40°	152.6
42.5°	109.9
45°	80.9
47.5°	58.0
50°	44.3
52.5°	36.6
55°	32.0
57.5°	27.5
60°	24.4
62.5°	21.4
65°	18.3
67.5°	15.3
70°	12.2
72.5°	10.7
75°	9.2
77.5°	7.6
80°	6.1
82.5°	4.6
85°	3.1
87.5°	1.5



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)