

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: P1254521

Luminaire Tested: P3AS10R129035DE010 E3DL1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1254521
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-3)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS10R129035DE010 E3DL1LI
Description: 3in Adjustable LED luminaire with, R12 optic, 3500K CCT AND, 90CRI , E3DL1LI TRIM
Light Source: -
Ballast/Driver: -

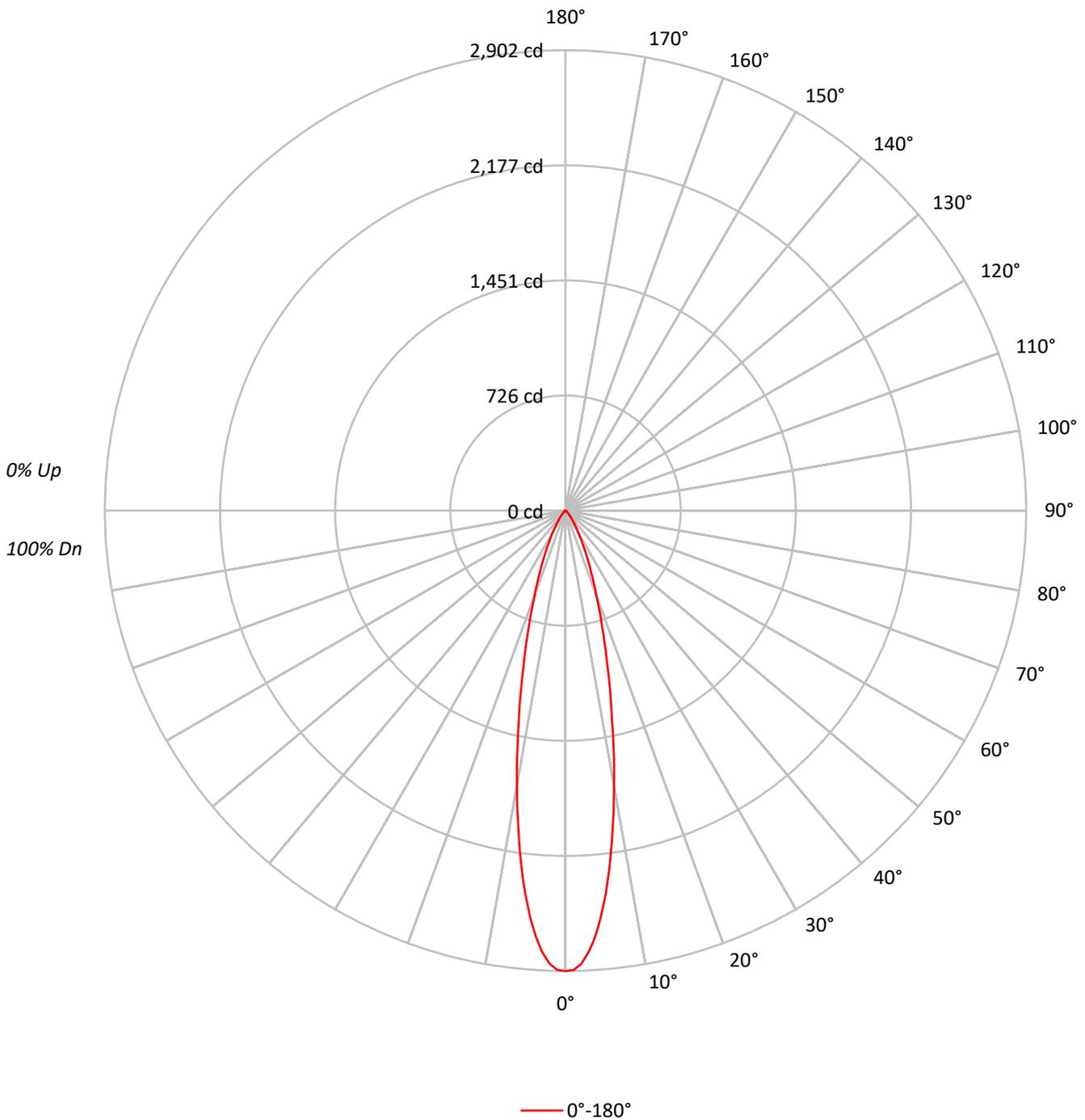
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 745.0 lumens
Efficiency: N/A
Efficacy: 63.7 lumens/watt
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.7
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	99	98	97	100
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95	95	94	93	95
2	110	106	103	100	108	104	101	99	101	99	97	98	96	95	96	94	93	91	91	90	88	91
3	106	101	97	93	104	99	96	93	97	94	91	94	92	90	92	90	88	87	87	86	85	87
4	102	96	92	88	100	95	91	88	93	89	87	91	88	86	89	87	85	83	83	82	81	83
5	98	92	87	84	97	91	87	83	89	85	83	88	84	82	86	83	81	80	80	79	78	80
6	95	88	83	80	94	87	83	80	86	82	79	85	81	79	83	80	78	77	77	76	75	77
7	92	85	80	77	91	84	80	76	83	79	76	82	78	76	81	78	75	74	74	73	72	74
8	89	81	77	74	88	81	77	73	80	76	73	79	75	73	78	75	73	72	72	71	70	72
9	86	79	74	71	85	78	74	71	77	73	71	77	73	70	76	73	70	69	69	68	67	69
10	84	76	71	68	83	76	71	68	75	71	68	74	71	68	74	70	68	67	67	66	65	67

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	636418
5°	564934
10°	392311
15°	232010
20°	132148
25°	75537
30°	41804
35°	22299
40°	12337
45°	6667
50°	4162
55°	3288
60°	2851
65°	2594
70°	2308
75°	2457
80°	1768
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 6667 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	218.2	29.3
10°-20°	288.0	38.7
20°-30°	148.3	19.9
30°-40°	55.7	7.5
40°-50°	18.2	2.4
50°-60°	7.8	1.1
60°-70°	5.0	0.7
70°-80°	3.0	0.4
80°-90°	0.8	0.1
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°	654.6	87.9
0°-40°	710.3	95.3
0°-60°	736.4	98.8
0°-90°	745.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	745.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2902	
5°	2566	218
15°	1022	288
25°	312	148
35°	83	56
45°	22	18
55°	9	8
65°	5	5
75°	3	3
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	2902.3
1°	2896.6
2°	2858.6
3°	2786.1
4°	2690.6
5°	2566.5
6°	2425.8
7°	2271.5
8°	2100.0
9°	1930.6
10°	1761.9
12.5°	1355.7
15°	1022.0
17.5°	765.1
20°	566.3
22.5°	422.7
25°	312.2
27.5°	227.5
30°	165.1
32.5°	117.0
35°	83.3
37.5°	59.6
40°	43.1
42.5°	30.9
45°	21.5
47.5°	15.8
50°	12.2
52.5°	10.0
55°	8.6
57.5°	7.2
60°	6.5
62.5°	5.7
65°	5.0
67.5°	4.3
70°	3.6
72.5°	3.6
75°	2.9
77.5°	2.2
80°	1.4
82.5°	1.4
85°	0.7
87.5°	0.0
90°	0.0

(END OF REPORT)