

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: P1250411

Luminaire Tested: P3AS24R459027D010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1250411
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-26)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS24R459027D010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R45 optic, 2700K CCT AND, 90CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

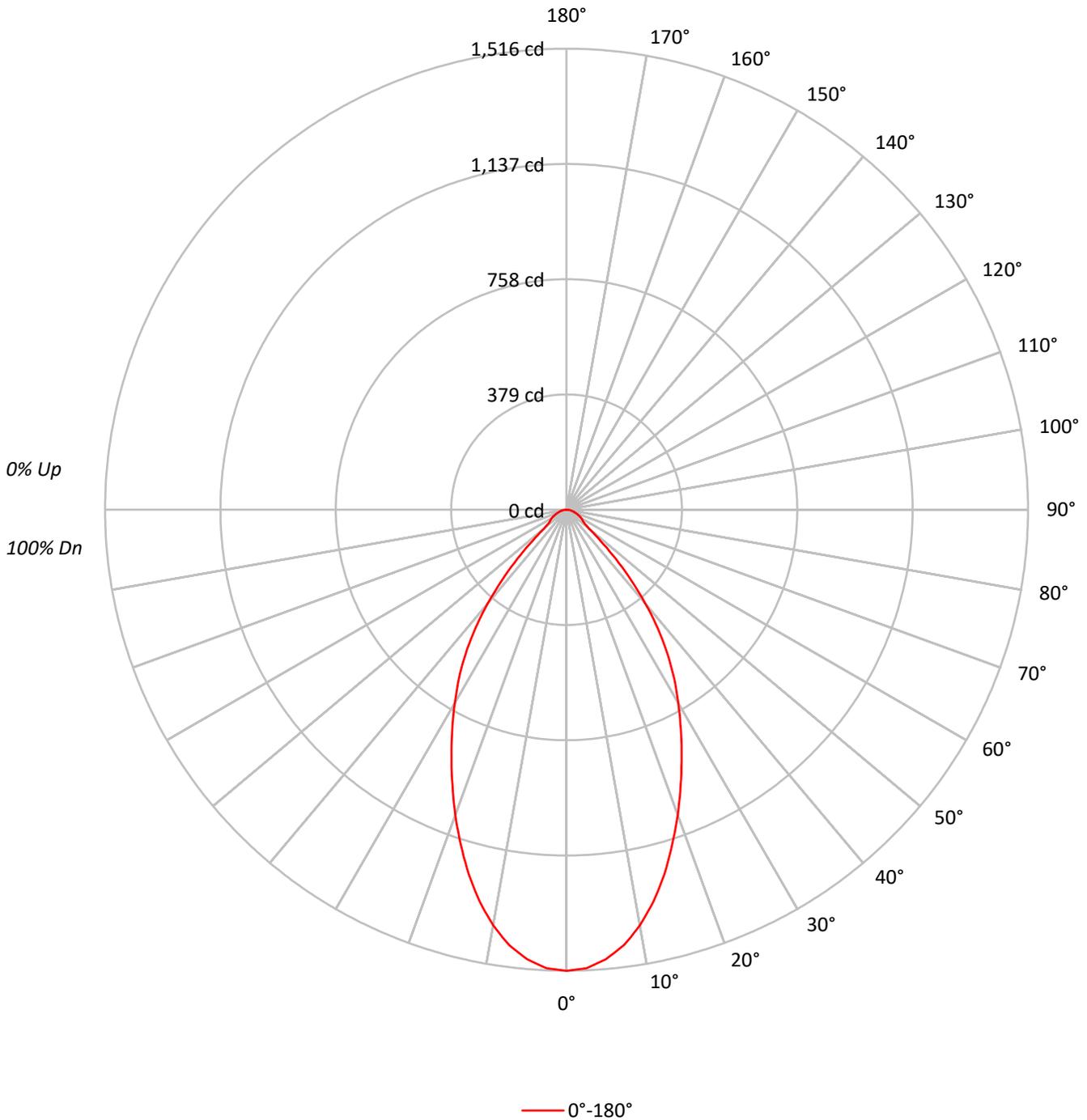
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1568.0 lumens
Efficiency: N/A
Efficacy: 54.4 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.92
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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	112	109	106	104	110	107	104	102	103	101	99	99	97	96	96	94	93	91			91
2	106	100	95	91	103	98	94	90	95	91	88	92	89	86	89	87	85	83			83
3	99	92	86	82	97	90	85	81	88	83	80	85	81	78	83	80	77	75			75
4	94	85	78	74	92	84	78	73	81	76	72	79	75	71	77	74	71	69			69
5	88	79	72	67	86	78	71	67	76	70	66	74	69	65	72	68	65	63			63
6	83	73	66	61	81	72	66	61	71	65	61	69	64	60	68	63	60	58			58
7	78	68	61	57	77	67	61	56	66	60	56	65	60	56	64	59	55	54			54
8	74	64	57	52	73	63	57	52	62	56	52	61	56	52	60	55	52	50			50
9	70	60	53	49	69	59	53	49	58	52	48	57	52	48	56	52	48	47			47
10	67	56	50	45	66	56	49	45	55	49	45	54	49	45	53	48	45	44			44

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	332451
5°	326567
10°	309012
15°	281818
20°	249222
25°	216424
30°	185775
35°	154780
40°	115359
45°	70612
50°	32681
55°	25576
60°	24559
65°	22519
70°	20837
75°	19910
80°	18310
85°	13586

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 70612 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	138.6	8.8
10°-20°	345.6	22.0
20°-30°	410.7	26.2
30°-40°	356.8	22.8
40°-50°	178.9	11.4
50°-60°	62.1	4.0
60°-70°	43.6	2.8
70°-80°	24.3	1.6
80°-90°	7.4	0.5
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°	894.9	57.1
0°-40°	1251.7	79.8
0°-60°	1492.8	95.2
0°-90°	1568.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1568.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1516	
5°	1484	139
15°	1241	346
25°	894	411
35°	578	357
45°	228	179
55°	67	62
65°	43	44
75°	24	24
85°	5	7
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1516.1
2.5°	1508.9
5°	1483.6
7.5°	1443.8
10°	1387.8
12.5°	1319.1
15°	1241.4
17.5°	1154.7
20°	1068.0
22.5°	979.4
25°	894.5
27.5°	813.2
30°	733.7
32.5°	657.8
35°	578.2
37.5°	493.3
40°	403.0
42.5°	314.4
45°	227.7
47.5°	150.0
50°	95.8
52.5°	74.1
55°	66.9
57.5°	61.4
60°	56.0
62.5°	50.6
65°	43.4
67.5°	37.9
70°	32.5
72.5°	27.1
75°	23.5
77.5°	18.1
80°	14.5
82.5°	10.8
85°	5.4
87.5°	3.6
90°	0.0

(END OF REPORT)