

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: P1258357

Luminaire Tested: P3AS24R159040D010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258357
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: P3AS24R159040D010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R15 optic, 4000K CCT AND, 90CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

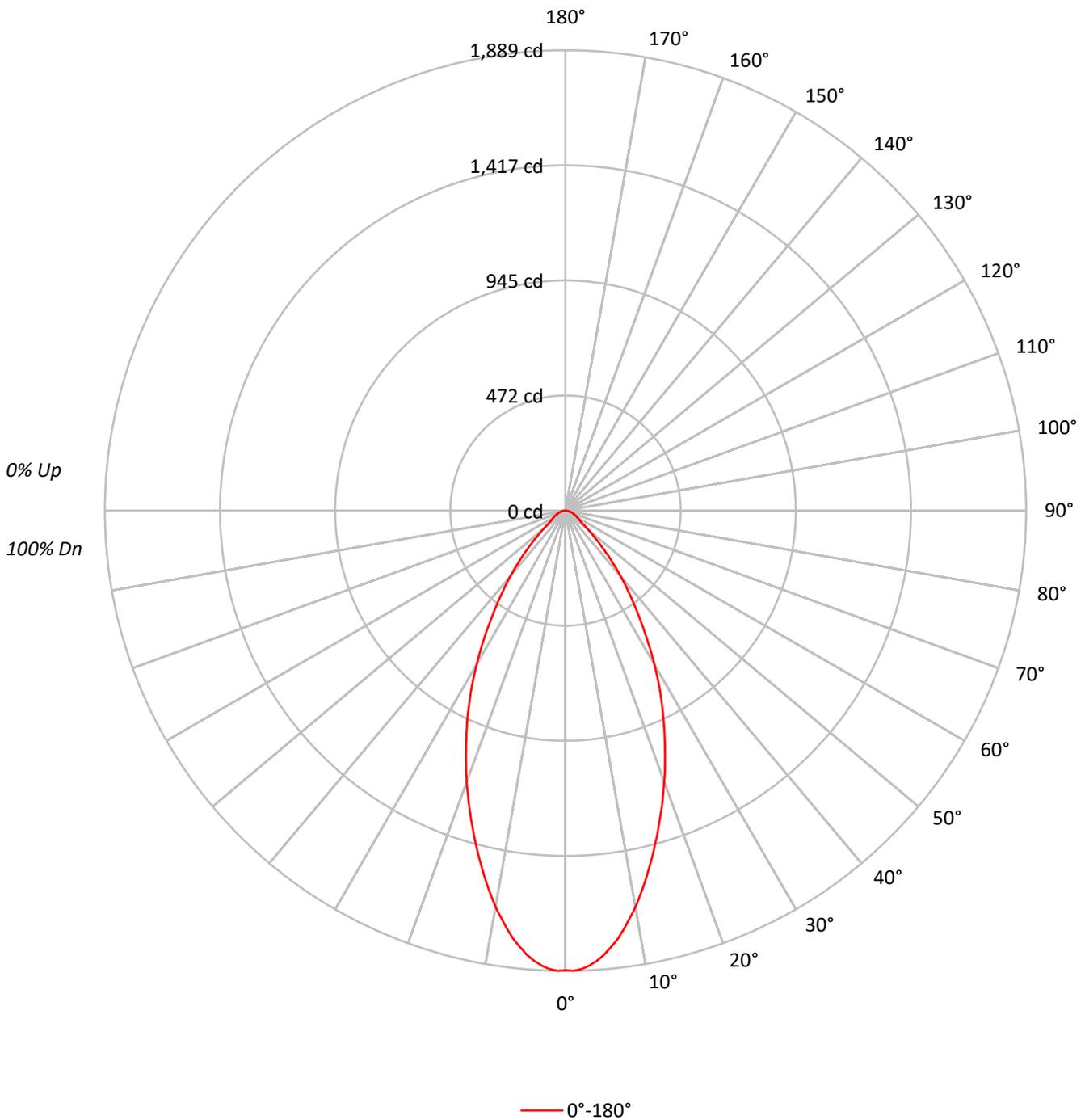
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1640.0 lumens
Efficiency: N/A
Efficacy: 56.9 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): 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	113	109	106	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°	413673
5°	402442
10°	367773
15°	322136
20°	276337
25°	230723
30°	184636
35°	138477
40°	100503
45°	65712
50°	41107
55°	27794
60°	24603
65°	22622
70°	21286
75°	19402
80°	18310
85°	15599

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 65712 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	168.7	10.3
10°-20°	395.4	24.1
20°-30°	435.6	26.6
30°-40°	326.2	19.9
40°-50°	169.1	10.3
50°-60°	70.1	4.3
60°-70°	43.4	2.6
70°-80°	24.4	1.5
80°-90°	7.1	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°	999.7	61.0
0°-40°	1325.9	80.9
0°-60°	1565.1	95.4
0°-90°	1640.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1640.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1886	
5°	1828	169
15°	1419	395
25°	954	436
35°	517	326
45°	212	169
55°	73	70
65°	44	43
75°	23	24
85°	6	7
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1886.5
1°	1888.6
2°	1882.3
3°	1869.9
4°	1851.2
5°	1828.3
6°	1799.2
7°	1768.1
8°	1730.7
9°	1691.2
10°	1651.7
12.5°	1537.4
15°	1419.0
17.5°	1300.6
20°	1184.2
22.5°	1065.8
25°	953.6
27.5°	841.4
30°	729.2
32.5°	619.1
35°	517.3
37.5°	430.1
40°	351.1
42.5°	278.4
45°	211.9
47.5°	160.0
50°	120.5
52.5°	89.3
55°	72.7
57.5°	64.4
60°	56.1
62.5°	49.9
65°	43.6
67.5°	37.4
70°	33.2
72.5°	27.0
75°	22.9
77.5°	18.7
80°	14.5
82.5°	10.4
85°	6.2
87.5°	2.1
90°	0.0

(END OF REPORT)