

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: P1255369

Luminaire Tested: P3AS20R259035D010 E3DLP1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255369
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R259035D010 E3DLP1H
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 90CRI , E3DLP1H TRIM
Light Source: -
Ballast/Driver: -

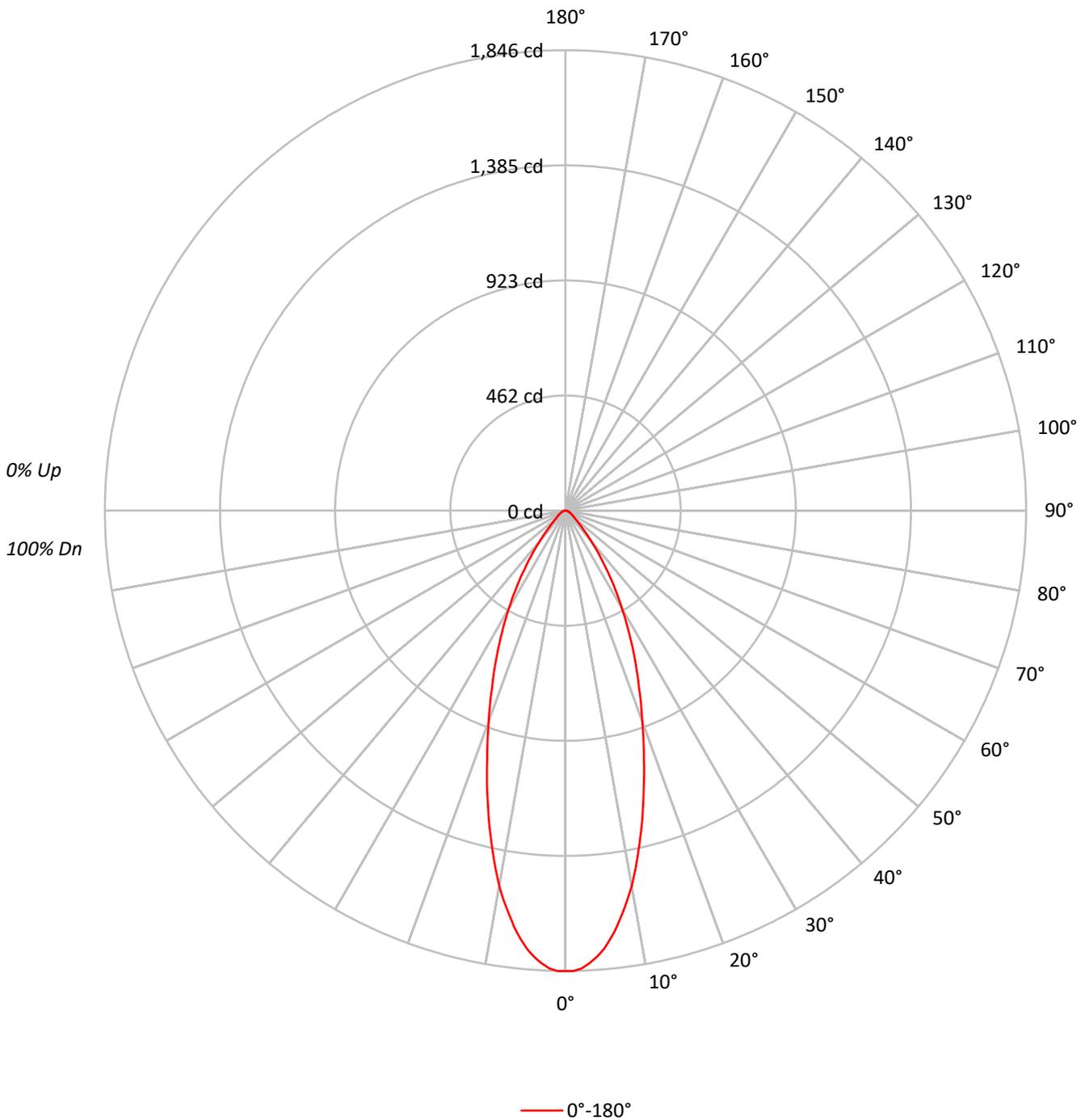
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1115.0 lumens
Efficiency: N/A
Efficacy: 38.7 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68
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				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	100	100
1	113	110	108	105	111	108	106	104	104	102	101	100	99	98	97	96	95	93	93	93	93
2	107	102	98	95	105	101	97	94	97	94	92	94	92	90	92	90	88	86	86	86	86
3	102	95	90	86	100	94	89	86	91	87	84	89	86	83	87	84	82	80	80	80	80
4	97	89	84	79	95	88	83	79	86	81	78	84	80	77	82	79	76	75	75	75	75
5	92	84	78	74	91	83	77	73	81	76	73	79	75	72	78	74	71	70	70	70	70
6	88	79	73	69	86	78	72	68	77	72	68	75	71	67	74	70	67	66	66	66	66
7	84	74	68	64	82	74	68	64	72	67	64	71	67	63	70	66	63	62	62	62	62
8	80	70	65	60	79	70	64	60	69	64	60	68	63	60	67	63	60	58	58	58	58
9	76	67	61	57	75	66	61	57	65	60	57	65	60	57	64	59	56	55	55	55	55
10	73	64	58	54	72	63	58	54	62	57	54	62	57	54	61	57	54	52	52	52	52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	404814
5°	388377
10°	340230
15°	273464
20°	210112
25°	158985
30°	114878
35°	76319
40°	46287
45°	26949
50°	17193
55°	13954
60°	12192
65°	10844
70°	8912
75°	8811
80°	6566
85°	8806

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 26949 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	160.6	14.4
10°-20°	333.1	29.9
20°-30°	301.3	27.0
30°-40°	181.0	16.2
40°-50°	71.9	6.4
50°-60°	33.1	3.0
60°-70°	20.2	1.8
70°-80°	10.8	1.0
80°-90°	3.1	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°	795.0	71.3
0°-40°	975.9	87.5
0°-60°	1081.0	96.9
0°-90°	1115.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1115.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1846	
5°	1764	161
15°	1205	333
25°	657	301
35°	285	181
45°	87	72
55°	36	33
65°	21	20
75°	10	11
85°	4	3
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1846.1
1°	1846.1
2°	1837.4
3°	1818.3
4°	1793.9
5°	1764.4
6°	1726.1
7°	1682.7
8°	1632.3
9°	1581.8
10°	1528.0
11°	1465.4
12°	1401.1
13°	1336.7
14°	1272.4
15°	1204.6
17.5°	1044.7
20°	900.4
22.5°	770.1
25°	657.1
27.5°	551.0
30°	453.7
32.5°	365.0
35°	285.1
37.5°	217.3
40°	161.7
42.5°	118.2
45°	86.9
47.5°	66.1
50°	50.4
52.5°	41.7
55°	36.5
57.5°	31.3
60°	27.8
62.5°	22.6
65°	20.9
67.5°	17.4
70°	13.9
72.5°	12.2
75°	10.4
77.5°	8.7
80°	5.2
82.5°	3.5
85°	3.5
87.5°	1.7



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)