

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: P1255602

Luminaire Tested: P3AS20R659035D010 E3DLP1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255602
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-41)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R659035D010 E3DLP1H
Description: 3in Adjustable LED luminaire with, R65 optic, 3500K CCT AND, 90CRI , E3DLP1H TRIM
Light Source: -
Ballast/Driver: -

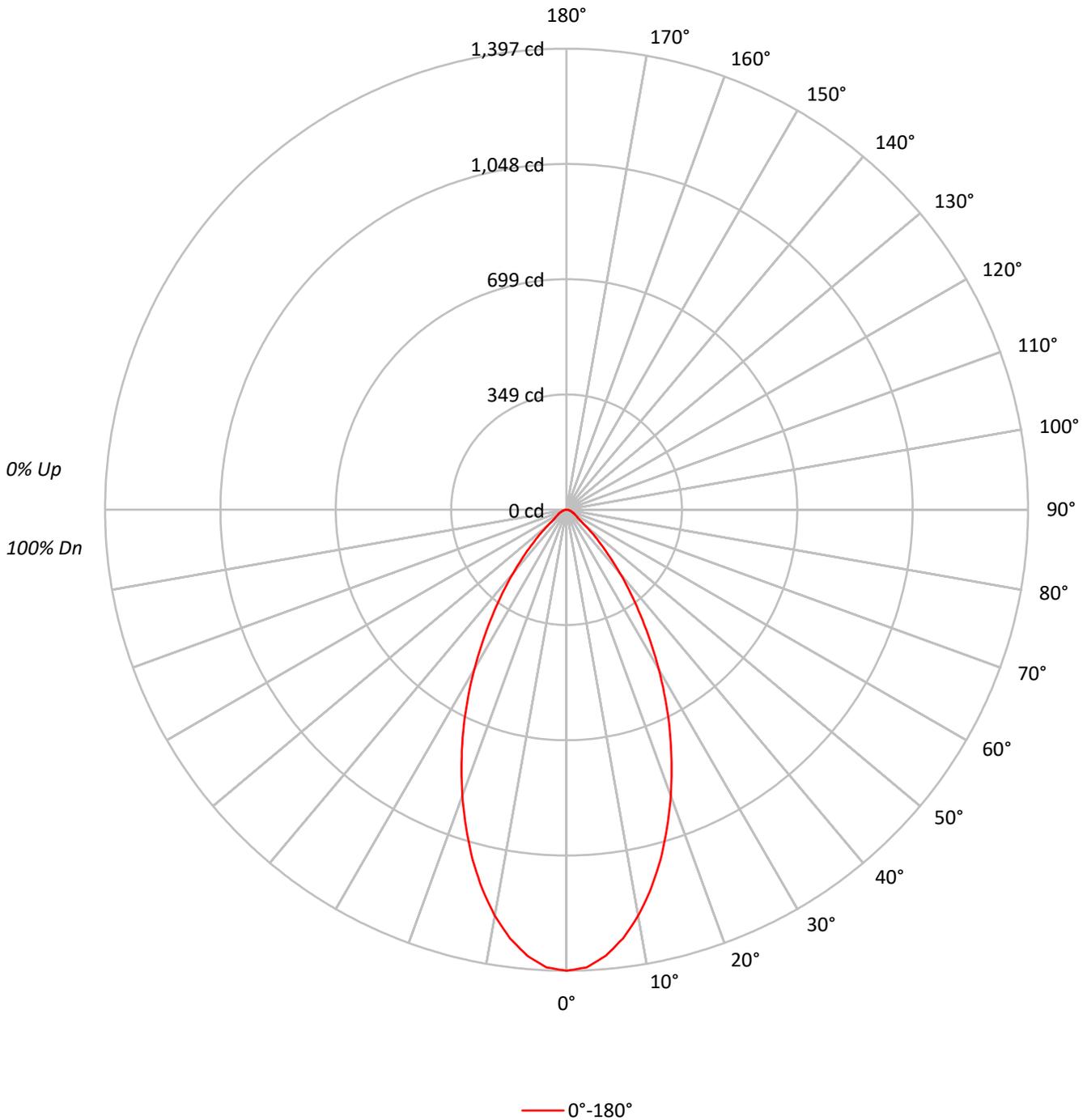
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1204.9 lumens
Efficiency: N/A
Efficacy: 41.8 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
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
1	113	110	107	105	110	108	105	103	104	102	100	100	98	97	96	95	94	92				92
2	107	101	97	93	104	100	96	92	96	93	90	93	91	88	90	88	86	85				85
3	101	94	88	84	99	92	87	83	90	85	82	87	84	81	85	82	79	78				78
4	95	87	81	76	93	86	80	76	84	79	75	82	78	74	80	76	73	72				72
5	90	81	75	70	88	80	74	70	78	73	69	77	72	69	75	71	68	66				66
6	85	76	69	65	84	75	69	65	73	68	64	72	67	64	71	66	63	62				62
7	81	71	65	60	79	70	64	60	69	64	60	68	63	59	67	62	59	57				57
8	77	67	60	56	75	66	60	56	65	59	56	64	59	55	63	58	55	54				54
9	73	63	57	52	72	62	56	52	61	56	52	60	55	52	59	55	52	50				50
10	69	59	53	49	68	59	53	49	58	53	49	57	52	49	56	52	49	47				47

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	306291
5°	298657
10°	278129
15°	249264
20°	215269
25°	179067
30°	141212
35°	104641
40°	72107
45°	44718
50°	24289
55°	15292
60°	12938
65°	11726
70°	10002
75°	8811
80°	8713
85°	8806

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 44718 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	126.1	10.5
10°-20°	305.1	25.3
20°-30°	337.4	28.0
30°-40°	245.1	20.3
40°-50°	114.8	9.5
50°-60°	38.6	3.2
60°-70°	22.3	1.9
70°-80°	11.7	1.0
80°-90°	3.8	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°	768.6	63.8
0°-40°	1013.7	84.1
0°-60°	1167.2	96.9
0°-90°	1204.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1204.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1397	
5°	1357	126
15°	1098	305
25°	740	337
35°	391	245
45°	144	115
55°	40	39
65°	23	22
75°	10	12
85°	4	4
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1396.8
2.5°	1388.1
5°	1356.8
7.5°	1309.9
10°	1249.1
12.5°	1177.9
15°	1098.0
17.5°	1011.1
20°	922.5
22.5°	830.4
25°	740.1
27.5°	648.0
30°	557.7
32.5°	470.8
35°	390.9
37.5°	317.9
40°	251.9
42.5°	192.8
45°	144.2
47.5°	104.2
50°	71.2
52.5°	48.6
55°	40.0
57.5°	34.7
60°	29.5
62.5°	26.1
65°	22.6
67.5°	19.1
70°	15.6
72.5°	13.9
75°	10.4
77.5°	8.7
80°	6.9
82.5°	5.2
85°	3.5
87.5°	1.7
90°	0.0

(END OF REPORT)