

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: P1257406

Luminaire Tested: P3AS13R359040DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257406
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-17)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R359040DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R35 optic, 4000K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

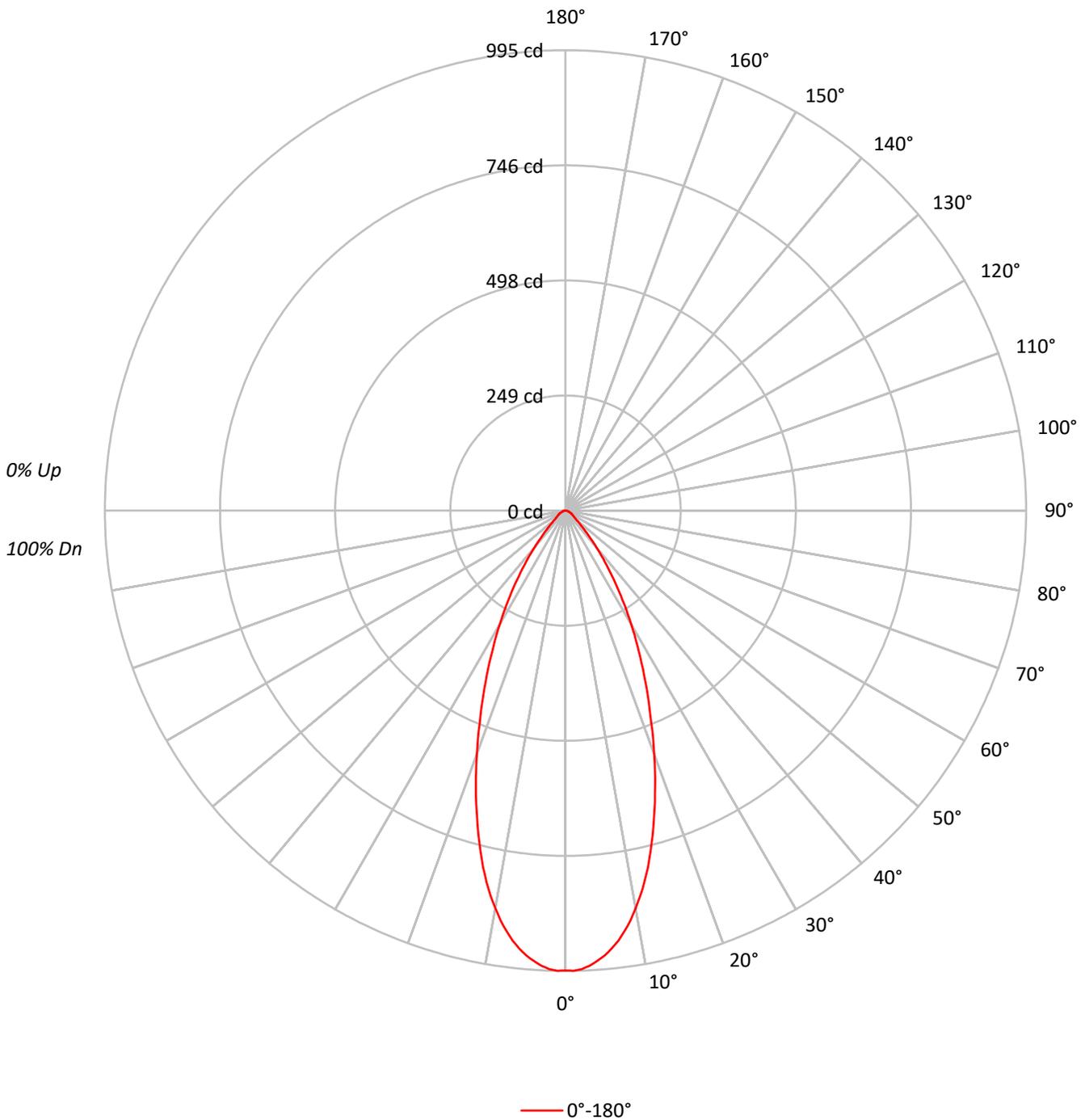
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 678.0 lumens
Efficiency: N/A
Efficacy: 46.4 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
Input Voltage (V): NR
Input Current (A_{in}): 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	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	93				93
2	107	102	98	94	105	100	97	93	97	94	91	94	92	89	91	89	87	86				86
3	102	95	90	86	100	94	89	85	91	87	84	89	85	82	86	84	81	80				80
4	97	89	83	79	95	88	82	78	86	81	77	84	80	77	82	78	76	74				74
5	92	83	77	73	90	82	77	73	81	76	72	79	75	71	77	74	71	69				69
6	87	78	72	68	86	77	72	68	76	71	67	75	70	67	73	69	66	65				65
7	83	74	68	63	82	73	67	63	72	67	63	71	66	63	69	65	62	61				61
8	79	70	64	60	78	69	63	59	68	63	59	67	62	59	66	62	59	57				57
9	76	66	60	56	75	66	60	56	65	59	56	64	59	56	63	59	56	54				54
10	72	63	57	53	71	62	57	53	61	56	53	61	56	53	60	56	53	51				51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	217921
5°	212546
10°	194318
15°	164950
20°	130585
25°	98764
30°	71910
35°	48613
40°	29885
45°	17149
50°	10337
55°	8372
60°	7324
65°	6486
70°	5386
75°	5338
80°	5304
85°	5284

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 17149 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	89.2	13.2
10°-20°	200.3	29.5
20°-30°	187.4	27.6
30°-40°	114.7	16.9
40°-50°	45.2	6.7
50°-60°	19.9	2.9
60°-70°	12.4	1.8
70°-80°	6.6	1.0
80°-90°	2.3	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°	476.9	70.3
0°-40°	591.6	87.3
0°-60°	656.8	96.9
0°-90°	678.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	678.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	994	
5°	966	89
15°	727	200
25°	408	187
35°	182	115
45°	55	45
55°	22	20
65°	12	12
75°	6	7
85°	2	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	993.8
1°	994.9
2°	991.7
3°	985.5
4°	976.1
5°	965.6
6°	952.1
7°	936.4
8°	917.6
9°	896.7
10°	872.7
11°	847.7
12°	820.5
13°	791.3
14°	758.9
15°	726.6
17.5°	643.1
20°	559.6
22.5°	479.2
25°	408.2
27.5°	342.4
30°	284.0
32.5°	229.7
35°	181.6
37.5°	138.8
40°	104.4
42.5°	75.2
45°	55.3
47.5°	39.7
50°	30.3
52.5°	25.1
55°	21.9
57.5°	18.8
60°	16.7
62.5°	14.6
65°	12.5
67.5°	10.4
70°	8.4
72.5°	7.3
75°	6.3
77.5°	5.2
80°	4.2
82.5°	3.1
85°	2.1
87.5°	1.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)