

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: P1276468

Luminaire Tested: P3AS17R359835DE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276468
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-18)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R359835DE010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R35 optic, 3500K CCT AND, 98CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

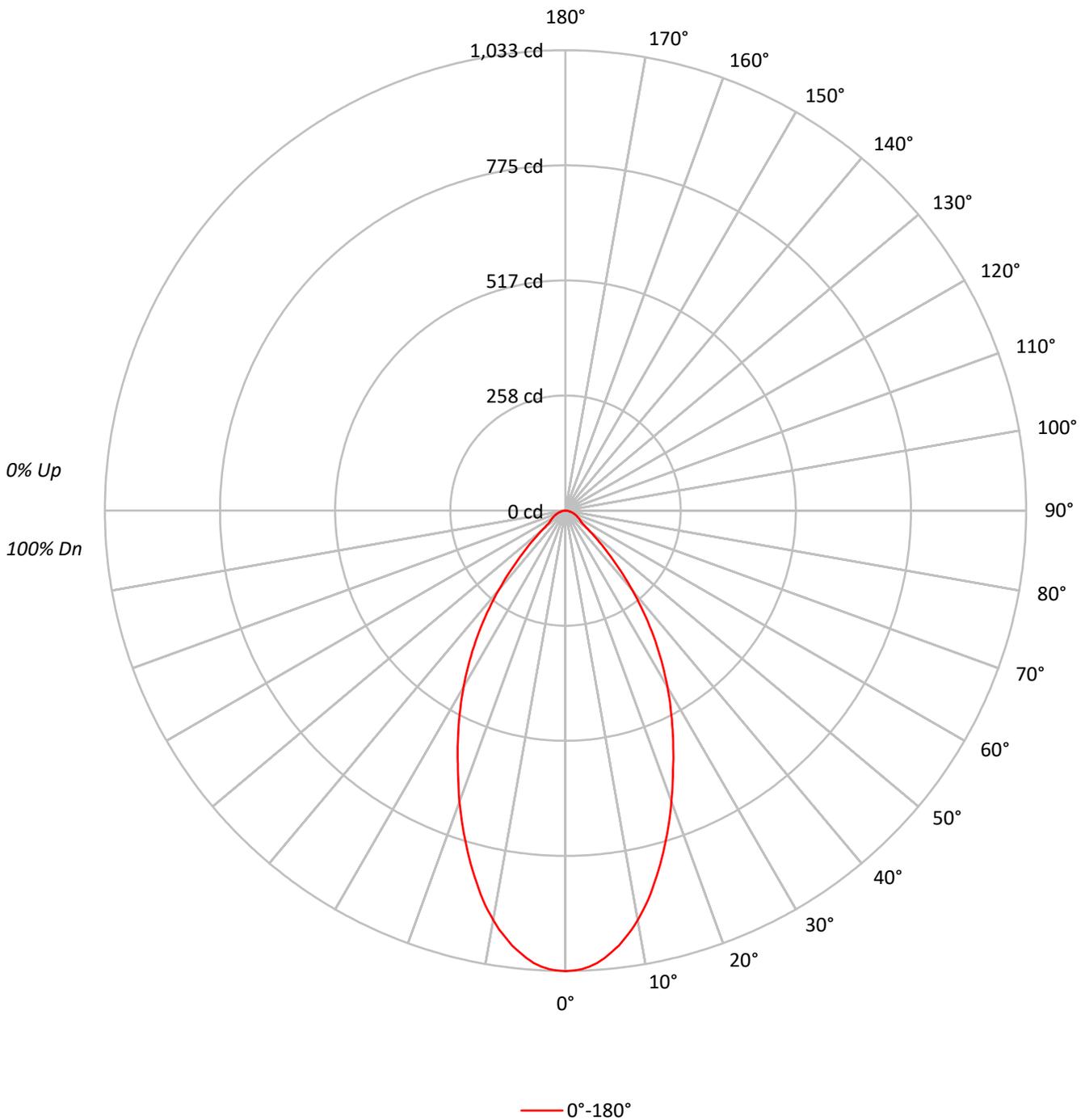
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 992.0 lumens
Efficiency: N/A
Efficacy: 48.6 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.4
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	112	109	106	104	110	107	104	102	103	101	99	99	98	96	96	94	93	91				91
2	106	100	96	92	104	98	94	91	95	92	89	92	89	87	89	87	85	83				83
3	100	92	87	82	98	91	86	81	88	84	80	86	82	79	83	80	78	76				76
4	94	85	79	74	92	84	78	74	82	77	73	80	75	72	78	74	71	69				69
5	89	79	73	68	87	78	72	67	76	71	67	75	70	66	73	69	66	64				64
6	84	74	67	62	82	73	67	62	71	66	61	70	65	61	68	64	61	59				59
7	79	69	62	57	78	68	62	57	67	61	57	65	60	57	64	60	56	55				55
8	75	64	58	53	74	64	57	53	63	57	53	62	56	53	61	56	52	51				51
9	71	60	54	50	70	60	54	50	59	53	49	58	53	49	57	52	49	48				48
10	67	57	51	46	66	56	50	46	56	50	46	55	50	46	54	49	46	45				45

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	226605
5°	221791
10°	207723
15°	186448
20°	162204
25°	138202
30°	115765
35°	92220
40°	66668
45°	42206
50°	22993
55°	15942
60°	15043
65°	14009
70°	13336
75°	11438
80°	10860
85°	9309

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 42206 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	93.8	9.5
10°-20°	228.6	23.0
20°-30°	261.9	26.4
30°-40°	213.7	21.5
40°-50°	107.8	10.9
50°-60°	40.0	4.0
60°-70°	26.8	2.7
70°-80°	14.9	1.5
80°-90°	4.5	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°	584.2	58.9
0°-40°	798.0	80.4
0°-60°	945.8	95.3
0°-90°	992.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	992.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1033	
5°	1008	94
15°	821	229
25°	571	262
35°	344	214
45°	136	108
55°	42	40
65°	27	27
75°	14	15
85°	4	5
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1033.4
1°	1032.2
2°	1029.7
3°	1024.8
4°	1017.5
5°	1007.6
6°	995.4
7°	983.1
8°	967.2
9°	951.3
10°	932.9
11°	913.3
12°	892.4
13°	869.1
14°	844.6
15°	821.3
17.5°	758.8
20°	695.1
22.5°	630.1
25°	571.2
27.5°	513.6
30°	457.2
32.5°	400.9
35°	344.5
37.5°	288.1
40°	232.9
42.5°	181.4
45°	136.1
47.5°	98.1
50°	67.4
52.5°	49.0
55°	41.7
57.5°	38.0
60°	34.3
62.5°	30.6
65°	27.0
67.5°	23.3
70°	20.8
72.5°	17.2
75°	13.5
77.5°	11.0
80°	8.6
82.5°	6.1
85°	3.7
87.5°	2.5



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)