

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: P1283218

Luminaire Tested: P3AS09R35B2750DE010 E3DLD1GPH_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1283218
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: P3AS09R35B2750DE010 E3DLD1GPH_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R35 optic, 3000K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

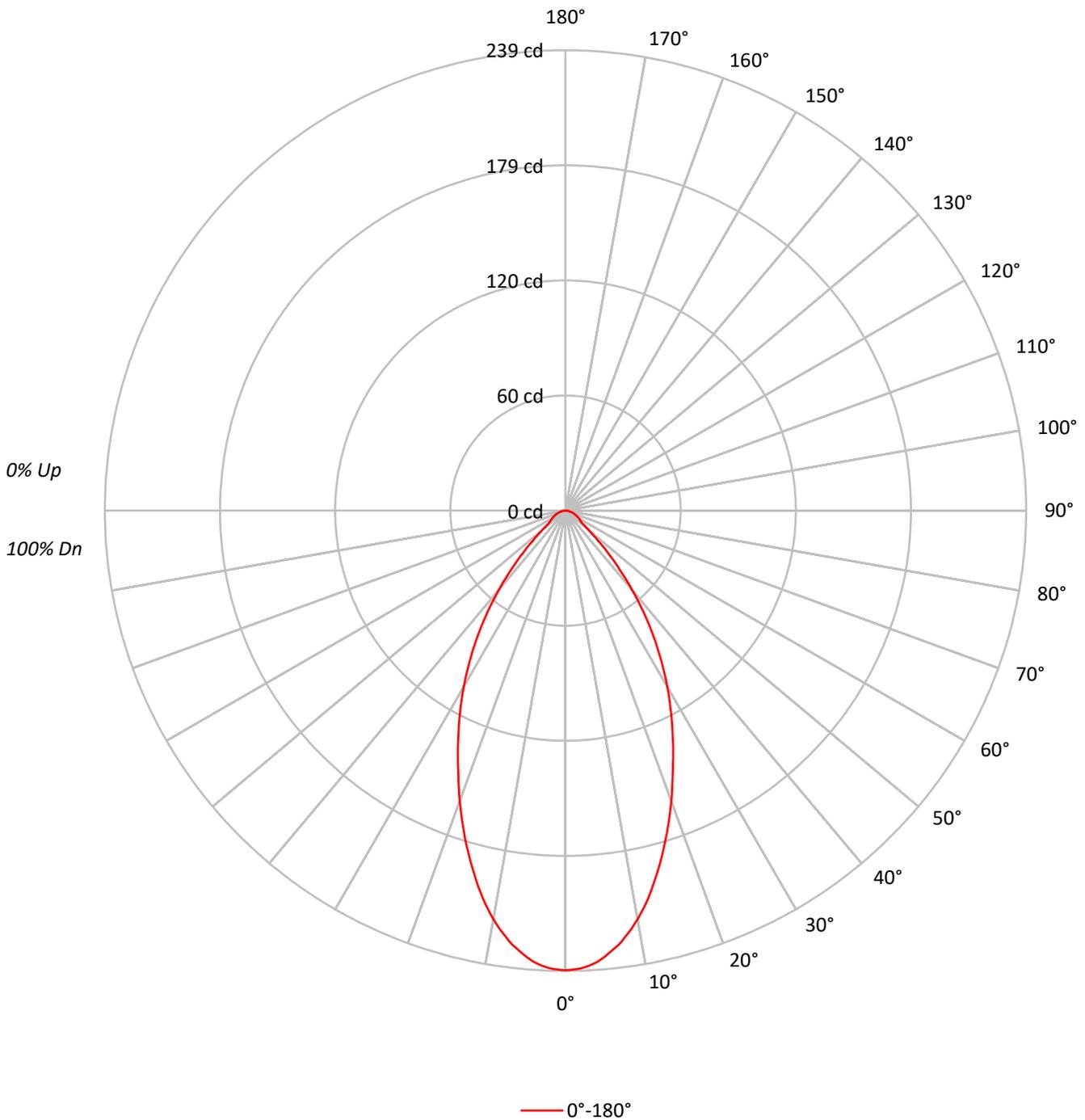
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 229.0 lumens
Efficiency: N/A
Efficacy: 17.5 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): 13.1
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	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°	52320
5°	51200
10°	47962
15°	43042
20°	37453
25°	31913
30°	26738
35°	21282
40°	15400
45°	9737
50°	5322
55°	3670
60°	3465
65°	3217
70°	3077
75°	2626
80°	2526
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 9737 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	21.6	9.5
10°-20°	52.8	23.0
20°-30°	60.5	26.4
30°-40°	49.3	21.5
40°-50°	24.9	10.9
50°-60°	9.2	4.0
60°-70°	6.2	2.7
70°-80°	3.4	1.5
80°-90°	1.0	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°	134.9	58.9
0°-40°	184.2	80.4
0°-60°	218.4	95.3
0°-90°	229.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	229.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	239	
5°	233	22
15°	190	53
25°	132	60
35°	80	49
45°	31	25
55°	10	9
65°	6	6
75°	3	3
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	238.6
1°	238.3
2°	237.7
3°	236.6
4°	234.9
5°	232.6
6°	229.8
7°	227.0
8°	223.3
9°	219.6
10°	215.4
11°	210.8
12°	206.0
13°	200.6
14°	195.0
15°	189.6
17.5°	175.2
20°	160.5
22.5°	145.5
25°	131.9
27.5°	118.6
30°	105.6
32.5°	92.5
35°	79.5
37.5°	66.5
40°	53.8
42.5°	41.9
45°	31.4
47.5°	22.6
50°	15.6
52.5°	11.3
55°	9.6
57.5°	8.8
60°	7.9
62.5°	7.1
65°	6.2
67.5°	5.4
70°	4.8
72.5°	4.0
75°	3.1
77.5°	2.5
80°	2.0
82.5°	1.4
85°	0.8
87.5°	0.6



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)