

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: P1281500

Luminaire Tested: P3AS05R35B2750DE010 E3DLD1H_4000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1281500
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: P3AS05R35B2750DE010 E3DLD1H_4000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R35 optic, 4000K CCT AND, 80CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

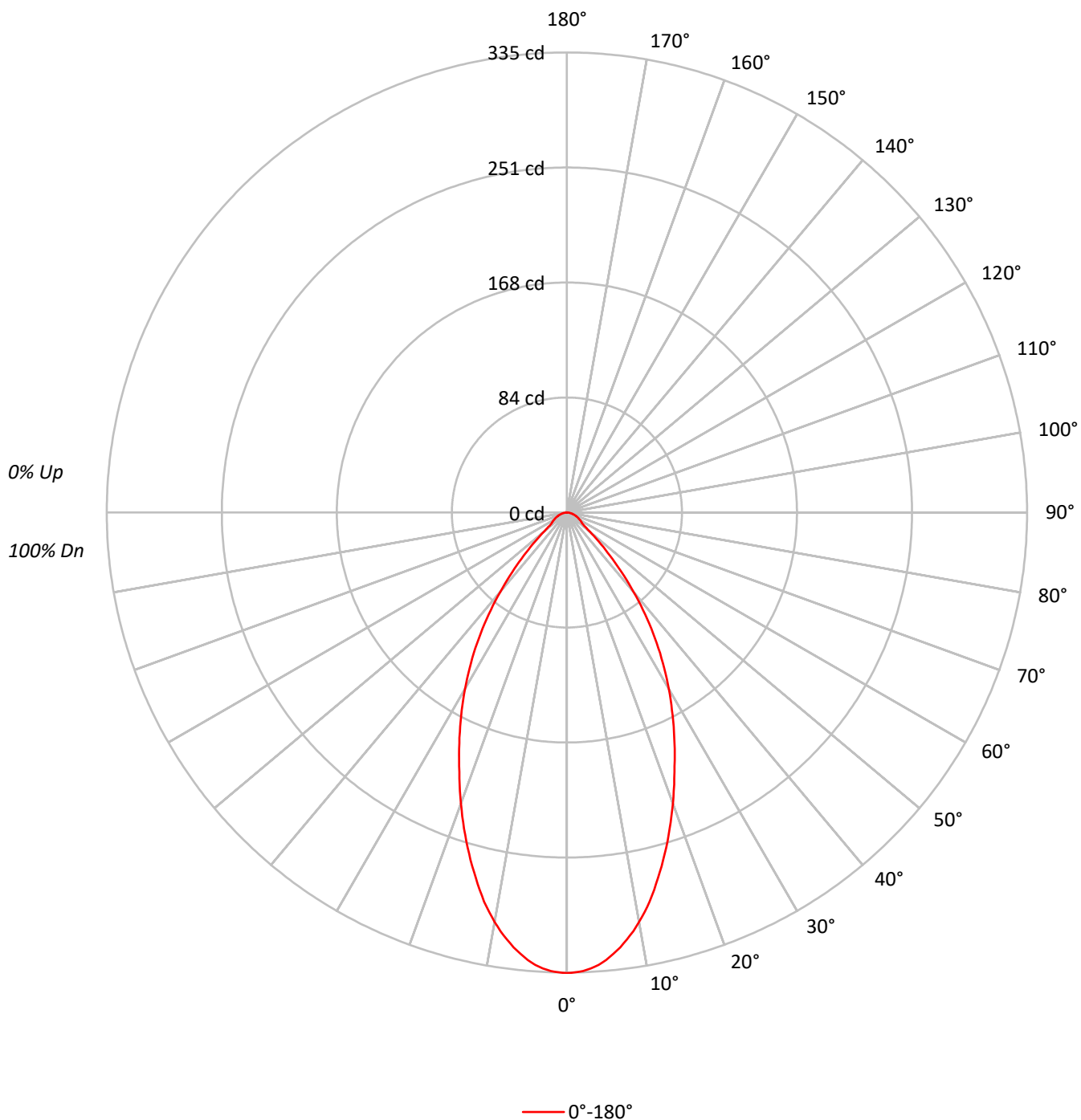
Lumens per Lamp: N/A
Luminaire Lumens: 322.0 lumens
Efficiency: N/A
Efficacy: 54.6 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 5.9
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	0
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102	102	102	100
1	112	109	106	104	110	107	104	102	103	101	99		99	98	96		96	94	93	91
2	106	100	96	92	104	98	94	91	95	92	89		92	89	87		89	87	85	83
3	100	92	87	82	98	91	86	81	88	84	80		86	82	79		83	80	78	76
4	94	85	79	74	92	84	78	74	82	77	73		80	75	72		78	74	71	69
5	89	79	73	68	87	78	72	67	76	71	67		75	70	66		73	69	66	64
6	84	74	67	62	82	73	67	62	71	66	61		70	65	61		68	64	61	59
7	79	69	62	57	78	68	62	57	67	61	57		65	60	57		64	60	56	55
8	75	64	58	53	74	64	57	53	63	57	53		62	56	53		61	56	52	51
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57	52	49	48
10	67	57	51	46	66	56	50	46	56	50	46		55	50	46		54	49	46	44

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	73547
5°	72001
10°	67422
15°	60522
20°	52645
25°	44857
30°	37575
35°	29928
40°	21641
45°	13707
50°	7471
55°	5161
60°	4868
65°	4566
70°	4360
75°	3728
80°	3536
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 13707 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	30.4	9.5
10°-20°	74.2	23.0
20°-30°	85.0	26.4
30°-40°	69.4	21.5
40°-50°	35.0	10.9
50°-60°	13.0	4.0
60°-70°	8.7	2.7
70°-80°	4.9	1.5
80°-90°	1.5	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°	189.6	58.9
0°-40°	259.0	80.4
0°-60°	307.0	95.3
0°-90°	322.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	322.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	335	
5°	327	30
15°	267	74
25°	185	85
35°	112	69
45°	44	35
55°	14	13
65°	9	9
75°	4	5
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	335.4
1°	335.0
2°	334.2
3°	332.6
4°	330.3
5°	327.1
6°	323.1
7°	319.1
8°	313.9
9°	308.8
10°	302.8
11°	296.4
12°	289.7
13°	282.1
14°	274.2
15°	266.6
17.5°	246.3
20°	225.6
22.5°	204.5
25°	185.4
27.5°	166.7
30°	148.4
32.5°	130.1
35°	111.8
37.5°	93.5
40°	75.6
42.5°	58.9
45°	44.2
47.5°	31.8
50°	21.9
52.5°	15.9
55°	13.5
57.5°	12.3
60°	11.1
62.5°	9.9
65°	8.8
67.5°	7.6
70°	6.8
72.5°	5.6
75°	4.4
77.5°	3.6
80°	2.8
82.5°	2.0
85°	1.2
87.5°	0.8



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)