

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: P1283211

Luminaire Tested: P3AS09R35B2750DE010 E3DL1WH_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1283211
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: P3AS09R35B2750DE010 E3DL1WH_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R35 optic, 5000K CCT AND, 80CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

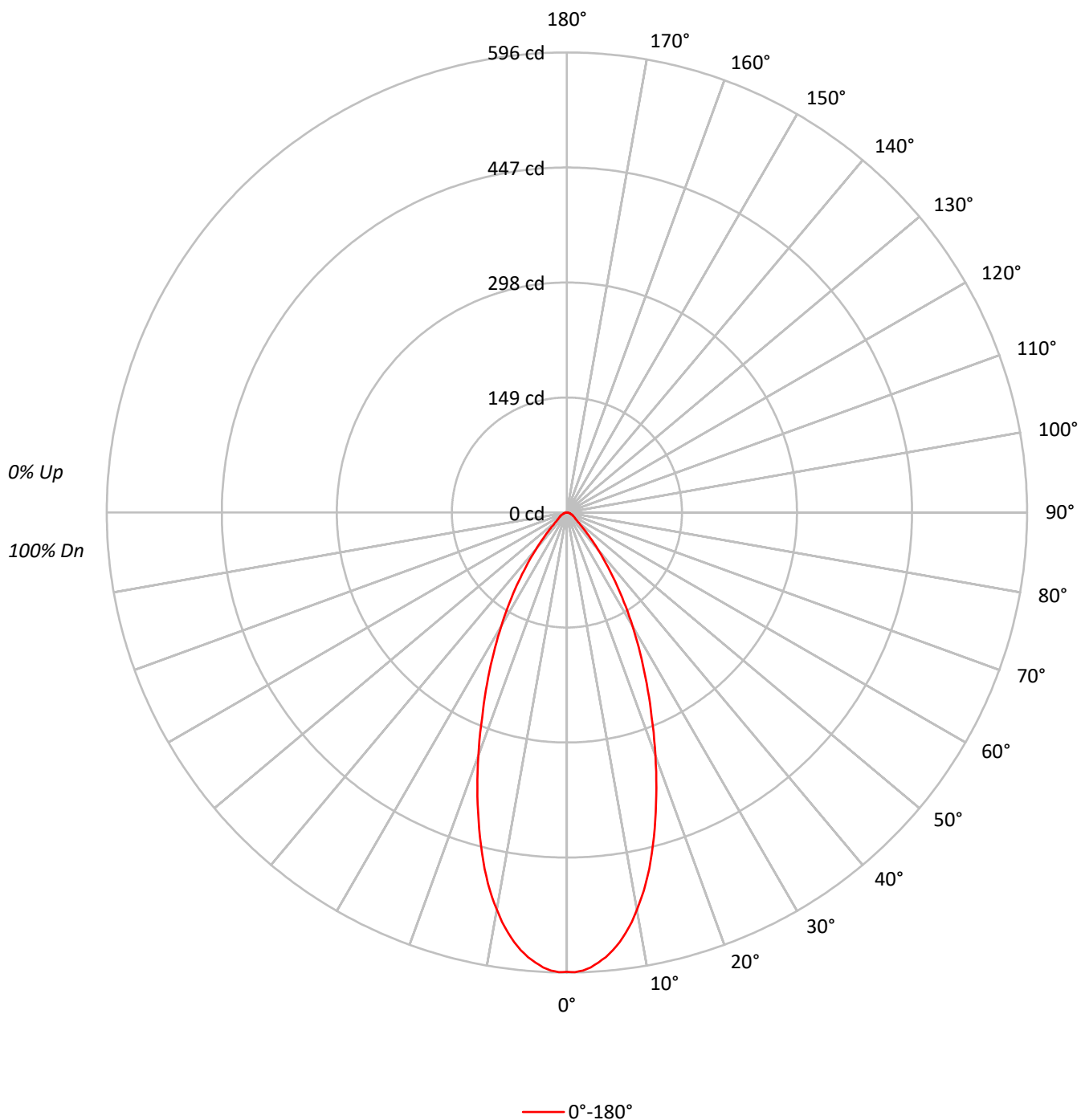
Lumens per Lamp: N/A
Luminaire Lumens: 406.0 lumens
Efficiency: N/A
Efficacy: 31.0 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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	0
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102	102	102	100
1	113	110	108	105	111	108	106	104	104	102	100		100	99	97		97	96	95	93
2	107	102	98	94	105	100	97	93	97	94	91		94	92	89		91	89	87	86
3	102	95	90	86	100	94	89	85	91	87	84		89	85	82		86	84	81	80
4	97	89	83	79	95	88	82	78	86	81	77		84	80	77		82	78	76	74
5	92	83	77	73	90	82	77	73	80	76	72		79	75	71		77	74	71	69
6	87	78	72	68	86	77	72	68	76	71	67		75	70	67		73	69	66	65
7	83	74	68	63	82	73	67	63	72	67	63		71	66	63		69	65	62	61
8	79	70	64	60	78	69	63	59	68	63	59		67	62	59		66	62	59	57
9	76	66	60	56	75	66	60	56	65	59	56		64	59	56		63	59	55	54
10	72	63	57	53	71	62	57	53	61	56	53		61	56	53		60	56	53	51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	130494
5°	127272
10°	116364
15°	98775
20°	78197
25°	59132
30°	43045
35°	29125
40°	17891
45°	10265
50°	6175
55°	5008
60°	4386
65°	3891
70°	3206
75°	3219
80°	3157
85°	3271

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 10265 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	53.4	13.2
10°-20°	120.0	29.5
20°-30°	112.2	27.6
30°-40°	68.7	16.9
40°-50°	27.1	6.7
50°-60°	11.9	2.9
60°-70°	7.4	1.8
70°-80°	4.0	1.0
80°-90°	1.4	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°	285.6	70.3
0°-40°	354.3	87.2
0°-60°	393.2	96.9
0°-90°	406.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	406.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	595	
5°	578	53
15°	435	120
25°	244	112
35°	109	69
45°	33	27
55°	13	12
65°	8	7
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	595.1
1°	595.7
2°	593.9
3°	590.1
4°	584.5
5°	578.2
6°	570.1
7°	560.7
8°	549.5
9°	537.0
10°	522.6
11°	507.6
12°	491.4
13°	473.8
14°	454.5
15°	435.1
17.5°	385.1
20°	335.1
22.5°	286.9
25°	244.4
27.5°	205.0
30°	170.0
32.5°	137.5
35°	108.8
37.5°	83.1
40°	62.5
42.5°	45.0
45°	33.1
47.5°	23.8
50°	18.1
52.5°	15.0
55°	13.1
57.5°	11.3
60°	10.0
62.5°	8.8
65°	7.5
67.5°	6.3
70°	5.0
72.5°	4.4
75°	3.8
77.5°	3.1
80°	2.5
82.5°	1.9
85°	1.3
87.5°	0.6



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)