

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: P1283255

Luminaire Tested: P3AS09R35B2750DE010 E3DLP1H_4000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1283255
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 E3DLP1H_4000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R35 optic, 4000K CCT AND, 80CRI , E3DLP1H TRIM
Light Source: -
Ballast/Driver: -

Summary

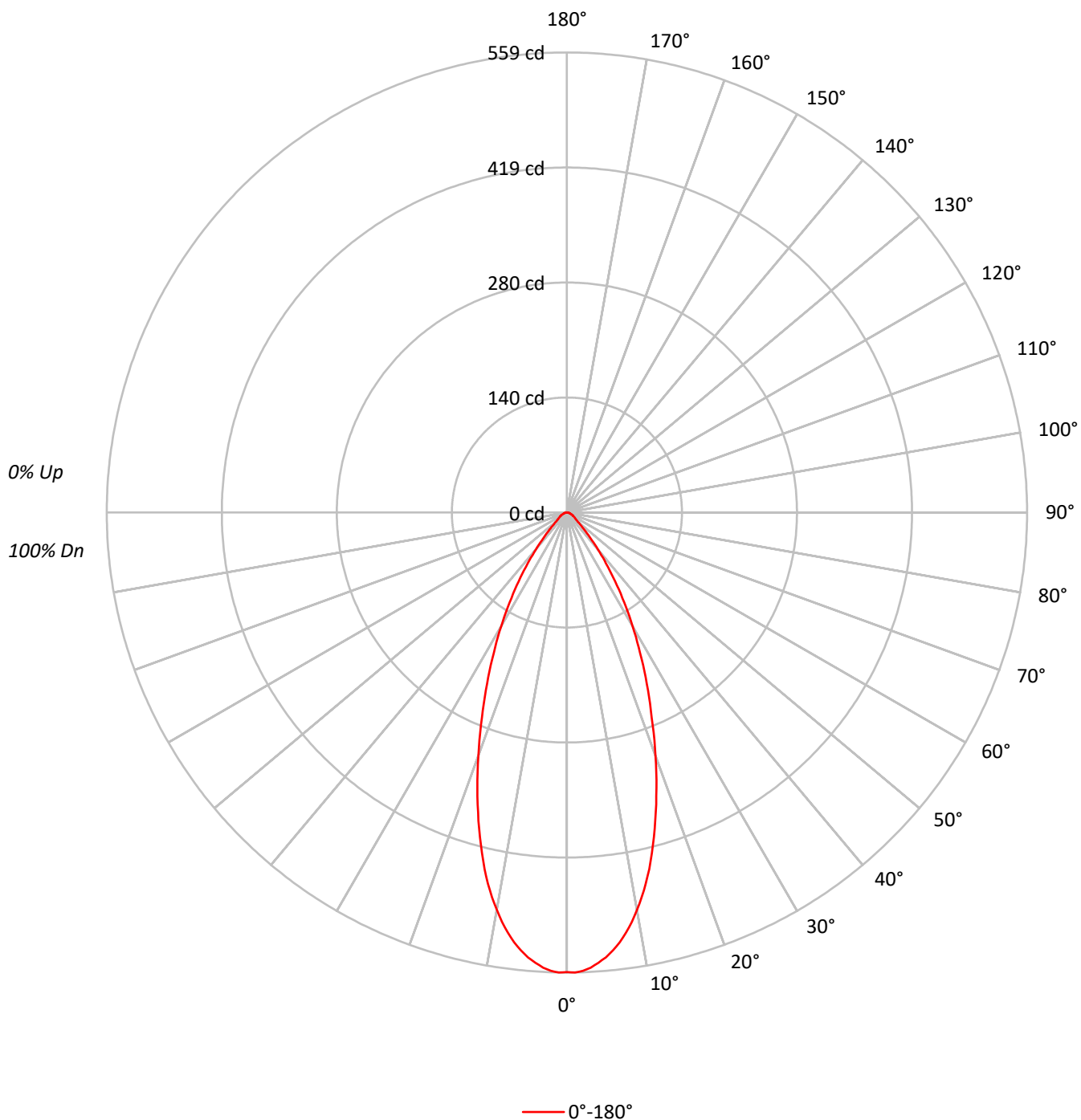
Lumens per Lamp: N/A
Luminaire Lumens: 381.0 lumens
Efficiency: N/A
Efficacy: 29.1 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	81	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	56	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°	122468
5°	119436
10°	109194
15°	92691
20°	73366
25°	55503
30°	40411
35°	27331
40°	16803
45°	9644
50°	5799
55°	4702
60°	4122
65°	3632
70°	3013
75°	2965
80°	2904
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 9644 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	50.1	13.2
10°-20°	112.6	29.5
20°-30°	105.3	27.6
30°-40°	64.5	16.9
40°-50°	25.4	6.7
50°-60°	11.2	2.9
60°-70°	7.0	1.8
70°-80°	3.7	1.0
80°-90°	1.3	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°	268.0	70.3
0°-40°	332.5	87.3
0°-60°	369.1	96.9
0°-90°	381.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	381.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	558	
5°	543	50
15°	408	113
25°	229	105
35°	102	64
45°	31	25
55°	12	11
65°	7	7
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	558.5
1°	559.1
2°	557.3
3°	553.8
4°	548.5
5°	542.6
6°	535.0
7°	526.2
8°	515.7
9°	503.9
10°	490.4
11°	476.3
12°	461.1
13°	444.7
14°	426.5
15°	408.3
17.5°	361.4
20°	314.4
22.5°	269.3
25°	229.4
27.5°	192.4
30°	159.6
32.5°	129.1
35°	102.1
37.5°	78.0
40°	58.7
42.5°	42.2
45°	31.1
47.5°	22.3
50°	17.0
52.5°	14.1
55°	12.3
57.5°	10.6
60°	9.4
62.5°	8.2
65°	7.0
67.5°	5.9
70°	4.7
72.5°	4.1
75°	3.5
77.5°	2.9
80°	2.3
82.5°	1.8
85°	1.2
87.5°	0.6



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)