

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: P1283513

Luminaire Tested: P3AS09R45B2750DE010 E3DLD1LI_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1283513
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-26)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R45B2750DE010 E3DLD1LI_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R45 optic, 3000K CCT AND, 90CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

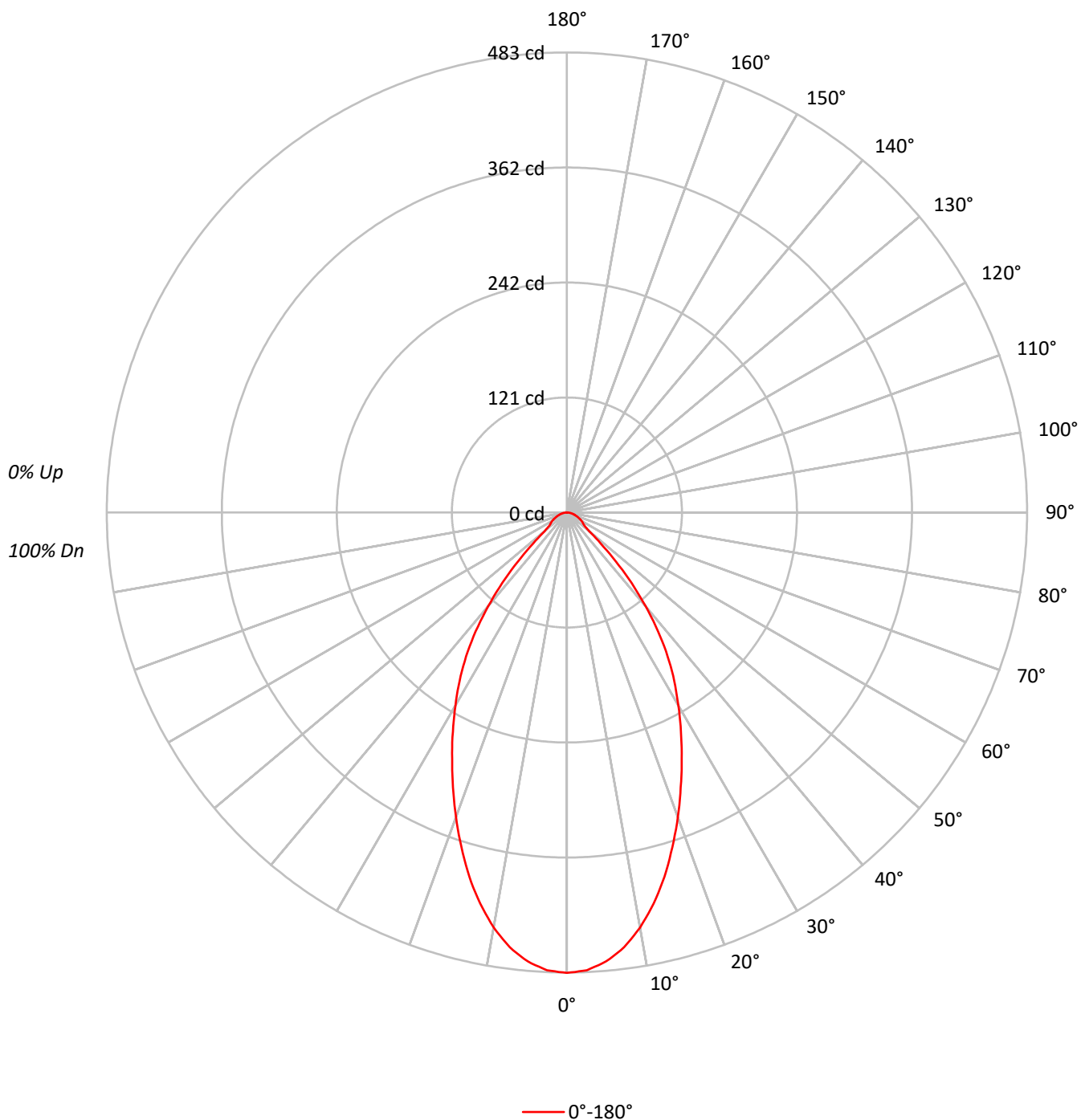
Lumens per Lamp: N/A
Luminaire Lumens: 500.0 lumens
Efficiency: N/A
Efficacy: 38.2 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.92
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	112	109	106	104	110	107	104	102	103	101	99		99	97	96		96
2	106	100	95	91	103	98	94	90	95	91	88		92	89	86		89
3	99	92	86	82	97	90	85	81	88	83	80		85	81	78		83
4	94	85	78	74	92	84	78	73	81	76	72		79	75	71		77
5	88	79	72	67	86	78	71	67	76	70	66		74	69	65		72
6	83	73	66	61	81	72	66	61	71	65	61		69	64	60		68
7	78	68	61	57	77	67	61	56	66	60	56		65	60	56		64
8	74	64	57	52	73	63	57	52	62	56	52		61	56	52		60
9	70	60	53	49	69	59	53	49	58	52	48		57	52	48		56
10	67	56	50	45	66	56	49	45	55	49	45		54	49	45		53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	106000
5°	104138
10°	98529
15°	89876
20°	79457
25°	69004
30°	59224
35°	49362
40°	36783
45°	22514
50°	10405
55°	8143
60°	7850
65°	7160
70°	6668
75°	6354
80°	5809
85°	4277

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 22514 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	44.2	8.8
10°-20°	110.2	22.0
20°-30°	130.9	26.2
30°-40°	113.8	22.8
40°-50°	57.1	11.4
50°-60°	19.8	4.0
60°-70°	13.9	2.8
70°-80°	7.8	1.6
80°-90°	2.4	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°	285.3	57.1
0°-40°	399.1	79.8
0°-60°	476.0	95.2
0°-90°	500.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	500.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	483	
5°	473	44
15°	396	110
25°	285	131
35°	184	114
45°	73	57
55°	21	20
65°	14	14
75°	8	8
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	483.4
2.5°	481.1
5°	473.1
7.5°	460.4
10°	442.5
12.5°	420.6
15°	395.9
17.5°	368.2
20°	340.5
22.5°	312.3
25°	285.2
27.5°	259.3
30°	233.9
32.5°	209.7
35°	184.4
37.5°	157.3
40°	128.5
42.5°	100.3
45°	72.6
47.5°	47.8
50°	30.5
52.5°	23.6
55°	21.3
57.5°	19.6
60°	17.9
62.5°	16.1
65°	13.8
67.5°	12.1
70°	10.4
72.5°	8.6
75°	7.5
77.5°	5.8
80°	4.6
82.5°	3.5
85°	1.7
87.5°	1.2
90°	0.0

(END OF REPORT)