

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: P1284096

Luminaire Tested: P3AS09R65B2750DE010 E3DLD1LI_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1284096
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-42)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R65B2750DE010 E3DLD1LI_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R65 optic, 5000K CCT AND, 80CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

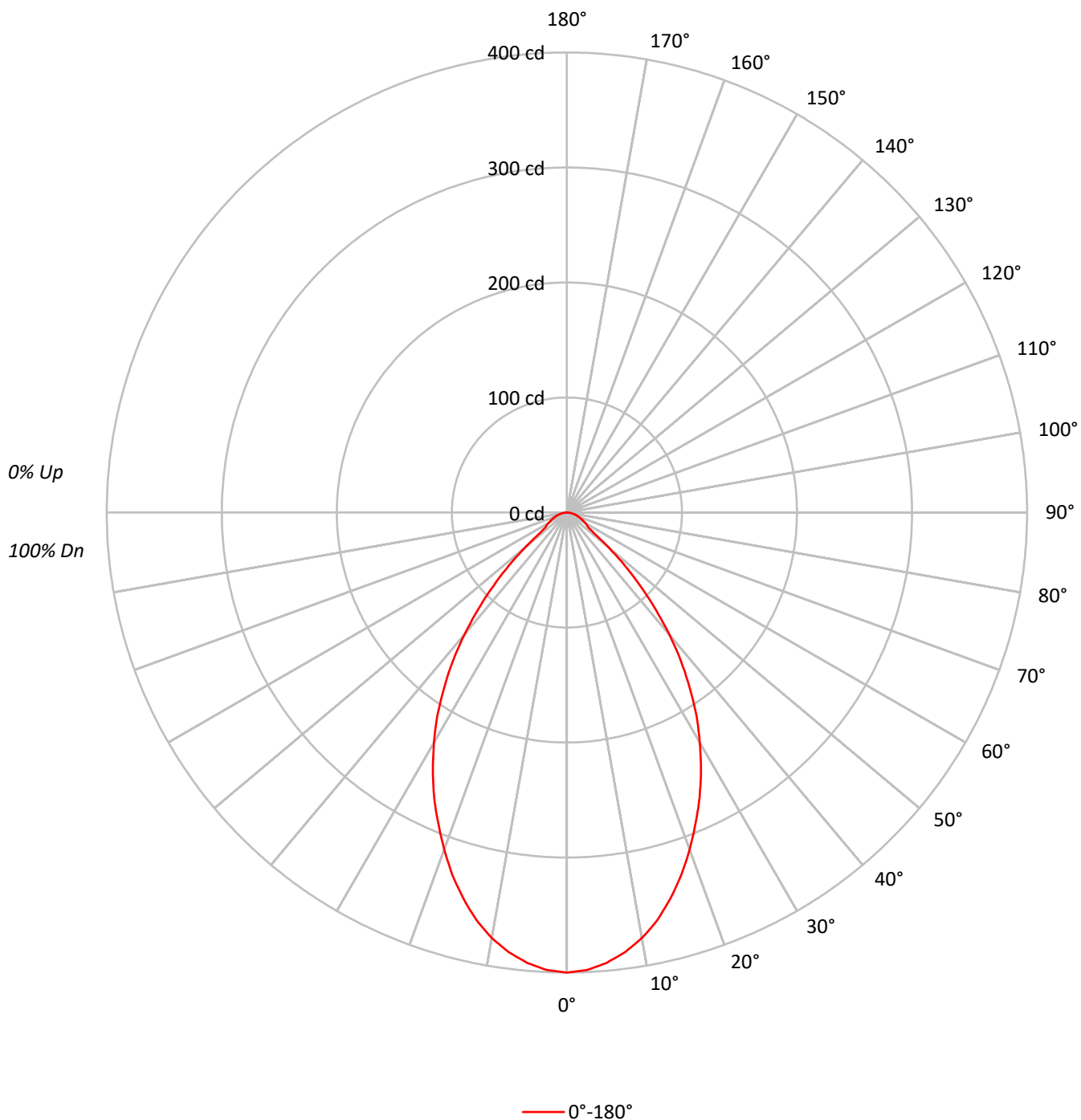
Lumens per Lamp: N/A
Luminaire Lumens: 493.1 lumens
Efficiency: N/A
Efficacy: 37.6 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	112	109	106	103	110	107	104	101	102	100	98		99	97	95		95	94	93		91
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88	86	84		82
3	99	91	85	80	96	89	84	79	87	82	78		84	80	77		82	78	76		74
4	92	83	77	72	90	82	76	71	80	75	70		78	73	70		76	72	69		67
5	87	77	70	65	85	76	69	65	74	68	64		72	67	63		71	66	63		61
6	82	71	64	59	80	70	64	59	69	63	58		67	62	58		66	61	58		56
7	77	66	59	54	75	65	59	54	64	58	54		63	57	53		61	57	53		51
8	72	61	55	50	71	61	54	50	60	54	49		59	53	49		58	53	49		47
9	68	57	51	46	67	57	50	46	56	50	46		55	49	46		54	49	45		44
10	65	54	47	43	64	53	47	43	52	47	43		52	46	42		51	46	42		41

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	87734
5°	86551
10°	83655
15°	78888
20°	72760
25°	66052
30°	58490
35°	49791
40°	39617
45°	27972
50°	16238
55°	8869
60°	8245
65°	7472
70°	6796
75°	6354
80°	5556
85°	4780

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 27972 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	37.0	7.5
10°-20°	97.2	19.7
20°-30°	124.9	25.3
30°-40°	115.6	23.4
40°-50°	69.8	14.2
50°-60°	23.8	4.8
60°-70°	14.3	2.9
70°-80°	8.1	1.6
80°-90°	2.3	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°	259.1	52.6
0°-40°	374.7	76.0
0°-60°	468.3	95.0
0°-90°	493.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	493.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	400	
5°	393	37
15°	348	97
25°	273	125
35°	186	116
45°	90	70
55°	23	24
65°	14	14
75°	8	8
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	400.1
2.5°	398.2
5°	393.2
7.5°	385.7
10°	375.7
12.5°	363.1
15°	347.5
17.5°	330.6
20°	311.8
22.5°	292.4
25°	273.0
27.5°	252.3
30°	231.0
32.5°	209.7
35°	186.0
37.5°	162.8
40°	138.4
42.5°	114.0
45°	90.2
47.5°	68.2
50°	47.6
52.5°	30.1
55°	23.2
57.5°	20.7
60°	18.8
62.5°	16.3
65°	14.4
67.5°	12.5
70°	10.6
72.5°	9.4
75°	7.5
77.5°	6.3
80°	4.4
82.5°	3.1
85°	1.9
87.5°	1.3
90°	0.0

(END OF REPORT)