

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: P1283090

Luminaire Tested: P3AS09R30B2750DE010 E3DLD1LI_4000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1283090
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-14)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R30B2750DE010 E3DLD1LI_4000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R30 optic, 4000K CCT AND, 80CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

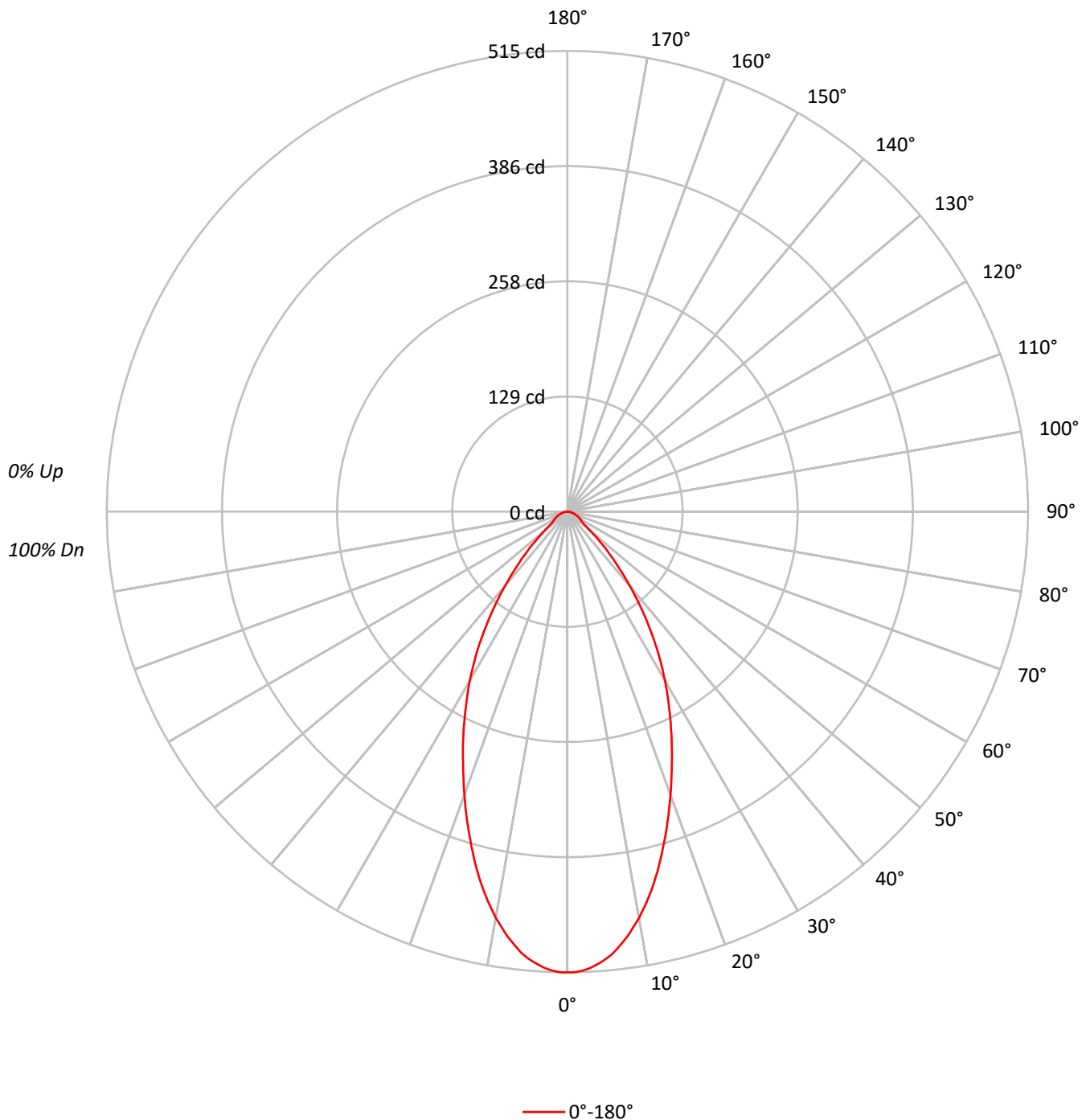
Lumens per Lamp: N/A
Luminaire Lumens: 478.0 lumens
Efficiency: N/A
Efficacy: 36.5 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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					0		
RW	70	50	30	10		70	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	105	102		103	101	99		99	98	96		96	94	93		91
2	106	100	96	92		104	99	94	91		95	92	89		92	89	87		89	87	85		83
3	100	92	87	82		98	91	86	82		88	84	80		86	82	79		84	80	78		76
4	94	85	79	74		92	84	79	74		82	77	73		80	76	72		78	74	71		70
5	89	79	73	68		87	78	72	68		76	71	67		75	70	66		73	69	66		64
6	84	74	67	62		82	73	67	62		71	66	62		70	65	61		69	64	61		59
7	79	69	62	58		78	68	62	58		67	61	57		66	61	57		65	60	57		55
8	75	65	58	54		74	64	58	53		63	57	53		62	57	53		61	56	53		51
9	71	61	54	50		70	60	54	50		59	54	50		58	53	50		57	53	49		48
10	68	57	51	47		67	57	51	47		56	50	47		55	50	46		54	50	46		45

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	112930
5°	110389
10°	102648
15°	91351
20°	78570
25°	66560
30°	55249
35°	43339
40°	31058
45°	20374
50°	11599
55°	7608
60°	7192
65°	6693
70°	6027
75°	5507
80°	5177
85°	4529

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 20374 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	46.6	9.7
10°-20°	111.9	23.4
20°-30°	126.1	26.4
30°-40°	100.7	21.1
40°-50°	51.7	10.8
50°-60°	19.4	4.1
60°-70°	12.8	2.7
70°-80°	6.9	1.4
80°-90°	2.0	0.4
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°	284.5	59.5
0°-40°	385.1	80.6
0°-60°	456.3	95.5
0°-90°	478.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	478.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	515	
5°	502	47
15°	402	112
25°	275	126
35°	162	101
45°	66	52
55°	20	19
65°	13	13
75°	6	7
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	515.0
1°	515.0
2°	513.2
3°	510.3
4°	506.2
5°	501.5
6°	495.6
7°	488.0
8°	479.8
9°	470.4
10°	461.0
11°	450.5
12°	439.3
13°	427.6
14°	415.3
15°	402.4
17.5°	369.5
20°	336.7
22.5°	305.0
25°	275.1
27.5°	245.8
30°	218.2
32.5°	190.0
35°	161.9
37.5°	134.3
40°	108.5
42.5°	85.6
45°	65.7
47.5°	48.7
50°	34.0
52.5°	24.0
55°	19.9
57.5°	18.2
60°	16.4
62.5°	14.7
65°	12.9
67.5°	11.1
70°	9.4
72.5°	7.6
75°	6.5
77.5°	5.3
80°	4.1
82.5°	2.9
85°	1.8
87.5°	0.6



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)