

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: P1283391

Luminaire Tested: P3AS09R40B2750DE010 E3DLD1LI_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1283391
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-22)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R40B2750DE010 E3DLD1LI_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R40 optic, 5000K CCT AND, 80CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

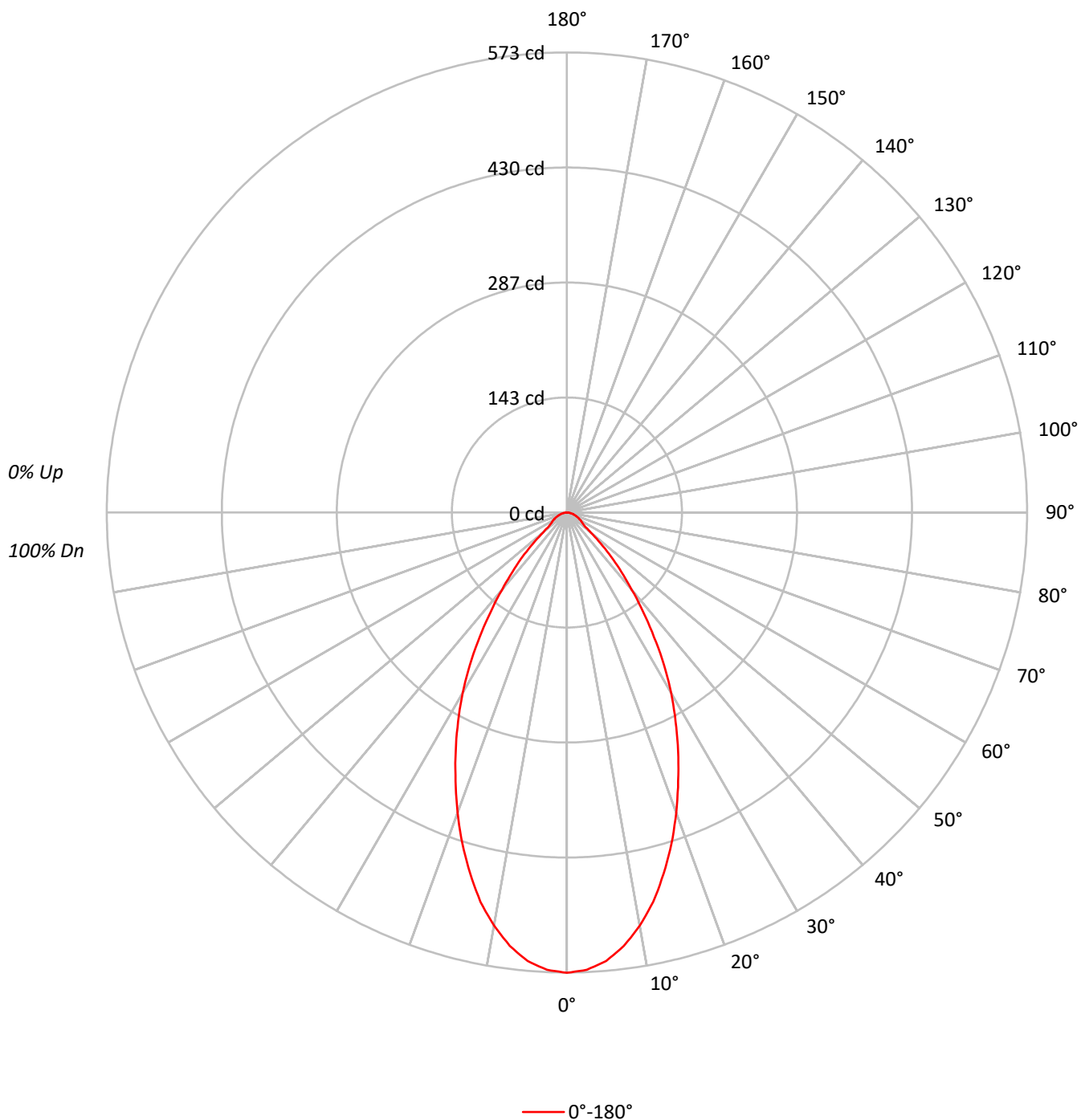
Lumens per Lamp: N/A
Luminaire Lumens: 560.0 lumens
Efficiency: N/A
Efficacy: 42.7 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	98	96		96
2	106	100	96	92	104	98	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	81	88	84	80		86	82	79		83
4	94	85	79	74	92	84	78	74	82	77	73		80	75	72		78
5	89	79	73	68	87	78	72	67	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	61		70	65	61		68
7	79	69	62	57	78	68	62	57	67	61	57		65	60	57		64
8	75	64	58	53	74	64	57	53	63	57	53		62	56	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	51	46	66	56	50	46	56	50	46		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	125714
5°	123420
10°	116342
15°	105676
20°	92828
25°	79287
30°	65681
35°	50647
40°	36039
45°	24282
50°	13236
55°	9328
60°	8771
65°	8146
70°	7245
75°	6863
80°	5556
85°	4780

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 24282 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	52.3	9.3
10°-20°	129.7	23.2
20°-30°	149.9	26.8
30°-40°	118.1	21.1
40°-50°	60.6	10.8
50°-60°	23.2	4.1
60°-70°	15.3	2.7
70°-80°	8.3	1.5
80°-90°	2.5	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°	331.9	59.3
0°-40°	450.0	80.4
0°-60°	533.8	95.3
0°-90°	560.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	560.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	573	
5°	561	52
15°	466	130
25°	328	150
35°	189	118
45°	78	61
55°	24	23
65°	16	15
75°	8	8
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	573.3
2.5°	570.1
5°	560.7
7.5°	544.5
10°	522.5
12.5°	496.8
15°	465.5
17.5°	432.9
20°	397.8
22.5°	362.1
25°	327.7
27.5°	293.2
30°	259.4
32.5°	224.9
35°	189.2
37.5°	156.0
40°	125.9
42.5°	100.2
45°	78.3
47.5°	57.0
50°	38.8
52.5°	28.2
55°	24.4
57.5°	21.9
60°	20.0
62.5°	17.5
65°	15.7
67.5°	13.2
70°	11.3
72.5°	9.4
75°	8.1
77.5°	6.3
80°	4.4
82.5°	3.8
85°	1.9
87.5°	1.3
90°	0.0

(END OF REPORT)