

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: P1283217

Luminaire Tested: P3AS09R35B2750DE010 E3DLD1GPH_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1283217
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-18)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R35B2750DE010 E3DLD1GPH_2700K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R35 optic, 2700K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

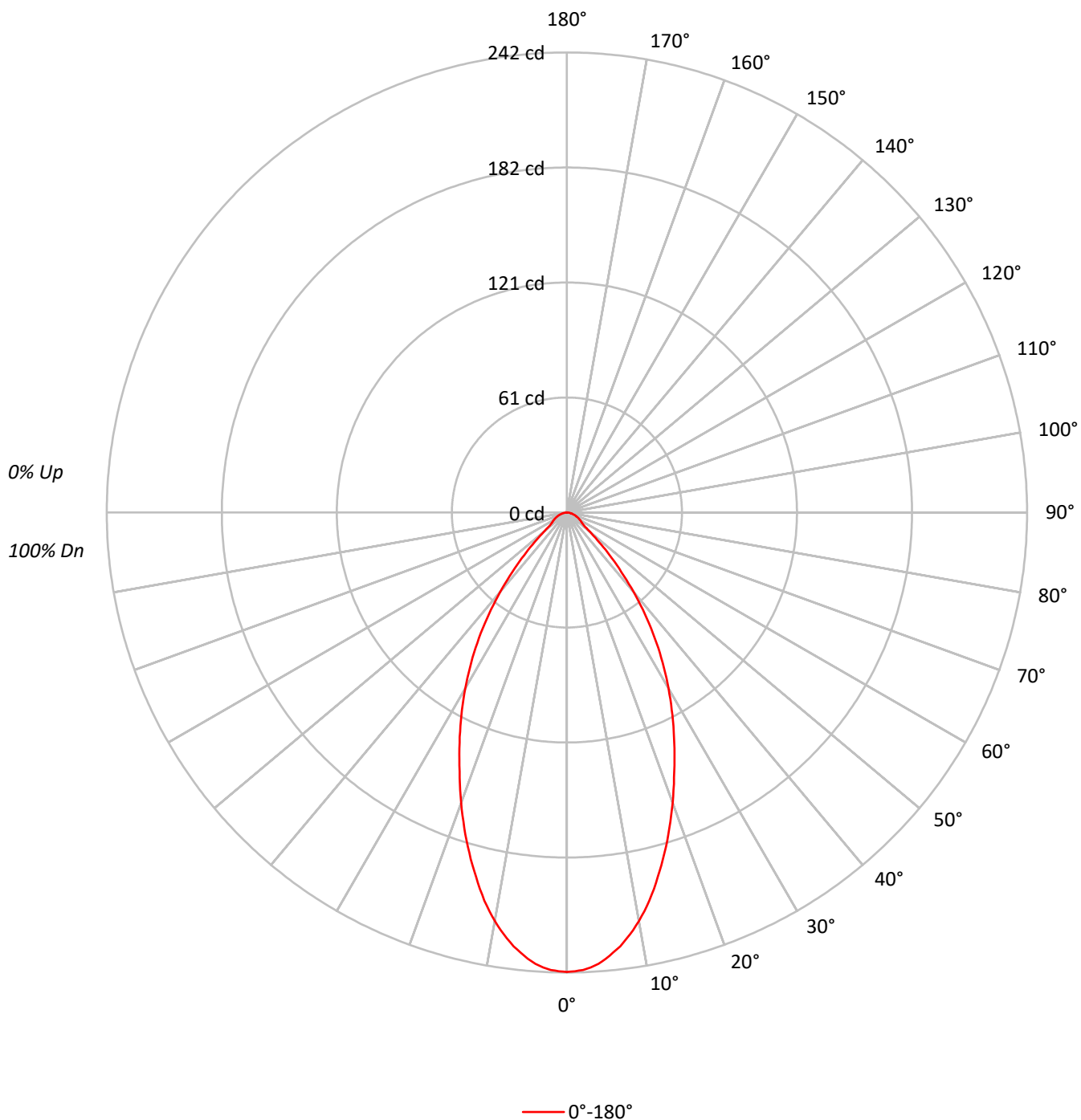
Lumens per Lamp: N/A
Luminaire Lumens: 232.0 lumens
Efficiency: N/A
Efficacy: 17.7 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	53000
5°	51882
10°	48585
15°	43610
20°	37943
25°	32324
30°	27067
35°	21576
40°	15601
45°	9861
50°	5390
55°	3708
60°	3508
65°	3269
70°	3142
75°	2711
80°	2526
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 9861 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	21.9	9.5
10°-20°	53.5	23.0
20°-30°	61.3	26.4
30°-40°	50.0	21.5
40°-50°	25.2	10.9
50°-60°	9.4	4.0
60°-70°	6.3	2.7
70°-80°	3.5	1.5
80°-90°	1.1	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°	136.6	58.9
0°-40°	186.6	80.4
0°-60°	221.2	95.3
0°-90°	232.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	232.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	242	
5°	236	22
15°	192	53
25°	134	61
35°	81	50
45°	32	25
55°	10	9
65°	6	6
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	241.7
1°	241.4
2°	240.8
3°	239.7
4°	238.0
5°	235.7
6°	232.8
7°	229.9
8°	226.2
9°	222.5
10°	218.2
11°	213.6
12°	208.7
13°	203.3
14°	197.5
15°	192.1
17.5°	177.5
20°	162.6
22.5°	147.4
25°	133.6
27.5°	120.1
30°	106.9
32.5°	93.7
35°	80.6
37.5°	67.4
40°	54.5
42.5°	42.4
45°	31.8
47.5°	22.9
50°	15.8
52.5°	11.5
55°	9.7
57.5°	8.9
60°	8.0
62.5°	7.2
65°	6.3
67.5°	5.4
70°	4.9
72.5°	4.0
75°	3.2
77.5°	2.6
80°	2.0
82.5°	1.4
85°	0.9
87.5°	0.6



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)