

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: P1282948

Luminaire Tested: P3AS09R25B2750DE010 E3DLP1GPH_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1282948
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R25B2750DE010 E3DLP1GPH_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R25 optic, 3000K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

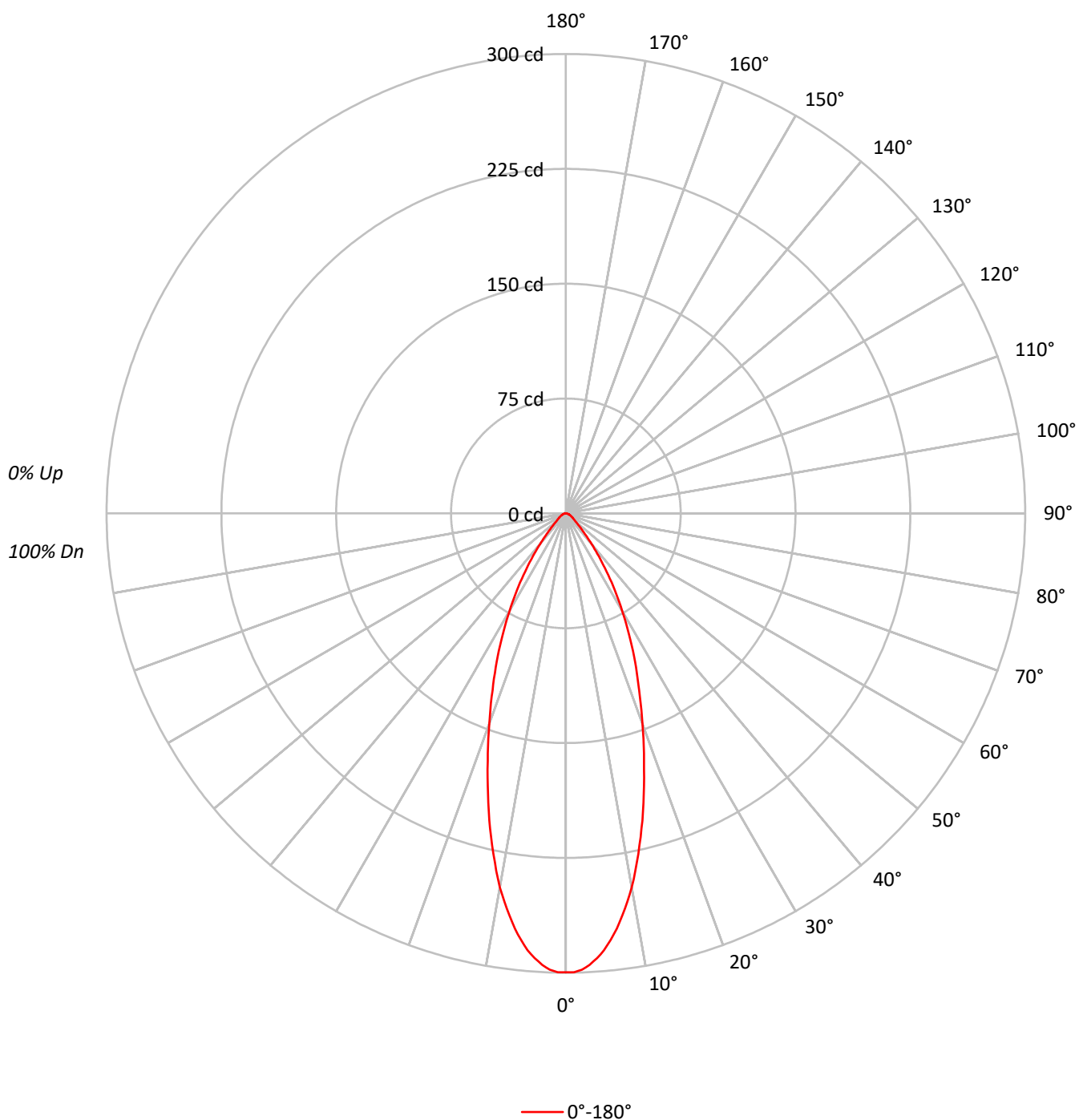
Lumens per Lamp: N/A
Luminaire Lumens: 181.1 lumens
Efficiency: N/A
Efficacy: 13.8 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	113	110	108	105	111	108	106	104	104	102	101		100	99	98		97	96	95		93
2	107	102	98	95	105	101	97	94	97	94	92		94	92	90		92	90	88		86
3	102	95	90	86	100	94	89	86	91	87	84		89	86	83		87	84	82		80
4	97	89	84	79	95	88	83	79	86	81	78		84	80	77		82	79	76		75
5	92	84	78	74	91	83	77	73	81	76	73		79	75	72		78	74	71		70
6	88	79	73	69	86	78	72	68	77	72	68		75	71	67		74	70	67		66
7	84	74	68	64	82	74	68	64	72	67	64		71	67	63		70	66	63		62
8	80	70	65	60	79	70	64	60	69	64	60		68	63	60		67	63	60		58
9	76	67	61	57	75	66	61	57	65	60	57		64	60	57		64	59	56		55
10	73	64	58	54	72	63	58	54	62	57	54		62	57	54		61	57	54		52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	65718
5°	63042
10°	55221
15°	44404
20°	34116
25°	25816
30°	18636
35°	12394
40°	7500
45°	4373
50°	2797
55°	2256
60°	1974
65°	1764
70°	1475
75°	1440
80°	1010
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 4373 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.1	14.4
10°-20°	54.1	29.9
20°-30°	48.9	27.0
30°-40°	29.4	16.2
40°-50°	11.7	6.4
50°-60°	5.4	3.0
60°-70°	3.3	1.8
70°-80°	1.8	1.0
80°-90°	0.5	0.3
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°	129.1	71.3
0°-40°	158.4	87.5
0°-60°	175.5	96.9
0°-90°	181.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	181.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	300	
5°	286	26
15°	196	54
25°	107	49
35°	46	29
45°	14	12
55°	6	5
65°	3	3
75°	2	2
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	299.7
1°	299.7
2°	298.3
3°	295.2
4°	291.2
5°	286.4
6°	280.2
7°	273.2
8°	265.0
9°	256.8
10°	248.0
11°	237.9
12°	227.4
13°	217.0
14°	206.6
15°	195.6
17.5°	169.6
20°	146.2
22.5°	125.0
25°	106.7
27.5°	89.5
30°	73.6
32.5°	59.3
35°	46.3
37.5°	35.3
40°	26.2
42.5°	19.2
45°	14.1
47.5°	10.7
50°	8.2
52.5°	6.8
55°	5.9
57.5°	5.1
60°	4.5
62.5°	3.7
65°	3.4
67.5°	2.8
70°	2.3
72.5°	2.0
75°	1.7
77.5°	1.4
80°	0.8
82.5°	0.6
85°	0.6
87.5°	0.3



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)