

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: P1283108

Luminaire Tested: P3AS09R30B2750DE010 E3DLP1GPH_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1283108
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R30B2750DE010 E3DLP1GPH_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R30 optic, 3000K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

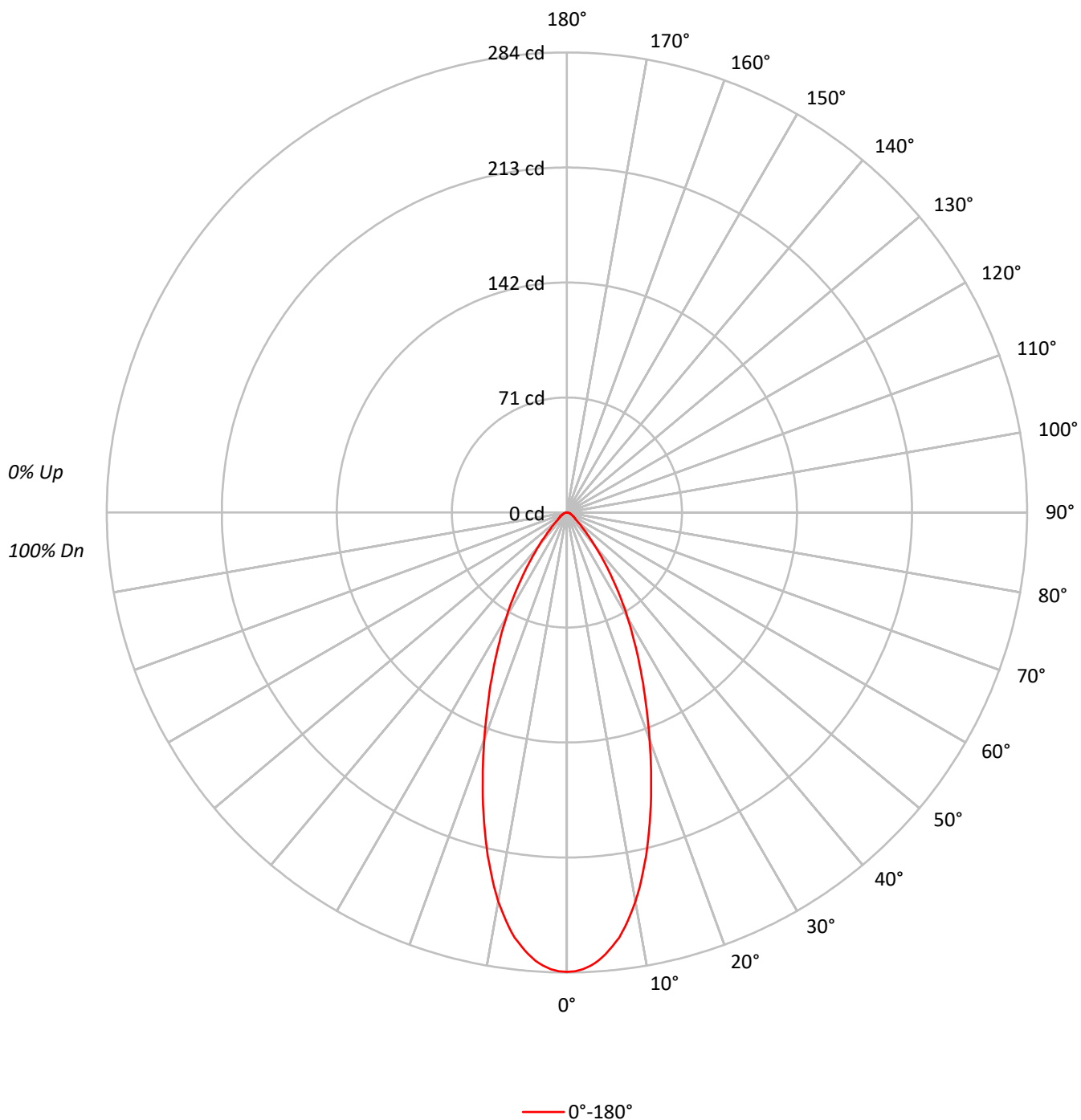
Lumens per Lamp: N/A
Luminaire Lumens: 182.0 lumens
Efficiency: N/A
Efficacy: 13.9 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	113	110	108	105	111	108	106	104	104	102	100		100	99	97		97
2	107	102	98	95	105	101	97	94	97	94	92		94	92	90		92
3	102	95	90	86	100	94	89	85	91	87	84		89	86	83		87
4	97	89	84	79	95	88	83	79	86	81	78		84	80	77		82
5	92	84	78	73	90	83	77	73	81	76	72		79	75	72		78
6	88	79	73	68	86	78	72	68	76	71	68		75	71	67		74
7	83	74	68	64	82	74	68	64	72	67	63		71	67	63		70
8	80	70	64	60	78	70	64	60	69	63	60		67	63	60		67
9	76	67	61	57	75	66	60	57	65	60	56		64	60	56		63
10	73	63	58	54	72	63	57	54	62	57	53		61	57	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	62188
5°	60246
10°	54285
15°	44904
20°	34770
25°	26082
30°	18940
35°	12608
40°	7757
45°	4559
50°	2797
55°	2256
60°	1974
65°	1608
70°	1475
75°	1440
80°	1010
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 4559 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	25.2	13.8
10°-20°	54.5	29.9
20°-30°	49.6	27.2
30°-40°	30.0	16.5
40°-50°	12.0	6.6
50°-60°	5.3	2.9
60°-70°	3.2	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°	129.2	71.0
0°-40°	159.2	87.5
0°-60°	176.5	97.0
0°-90°	182.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	182.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	284	
5°	274	25
15°	198	54
25°	108	50
35°	47	30
45°	15	12
55°	6	5
65°	3	3
75°	2	2
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	283.6
1°	283.3
2°	282.2
3°	280.2
4°	277.4
5°	273.7
6°	269.2
7°	264.4
8°	258.2
9°	251.2
10°	243.8
11°	235.4
12°	226.3
13°	217.3
14°	207.4
15°	197.8
17.5°	172.7
20°	149.0
22.5°	127.0
25°	107.8
27.5°	90.3
30°	74.8
32.5°	60.4
35°	47.1
37.5°	36.1
40°	27.1
42.5°	19.8
45°	14.7
47.5°	11.0
50°	8.2
52.5°	6.5
55°	5.9
57.5°	5.1
60°	4.5
62.5°	3.7
65°	3.1
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):



(END OF REPORT)