

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: P1283123

Luminaire Tested: P3AS09R30B2750DE010 E3DLP1MW_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1283123
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 E3DLP1MW_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R30 optic, 3000K CCT AND, 90CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

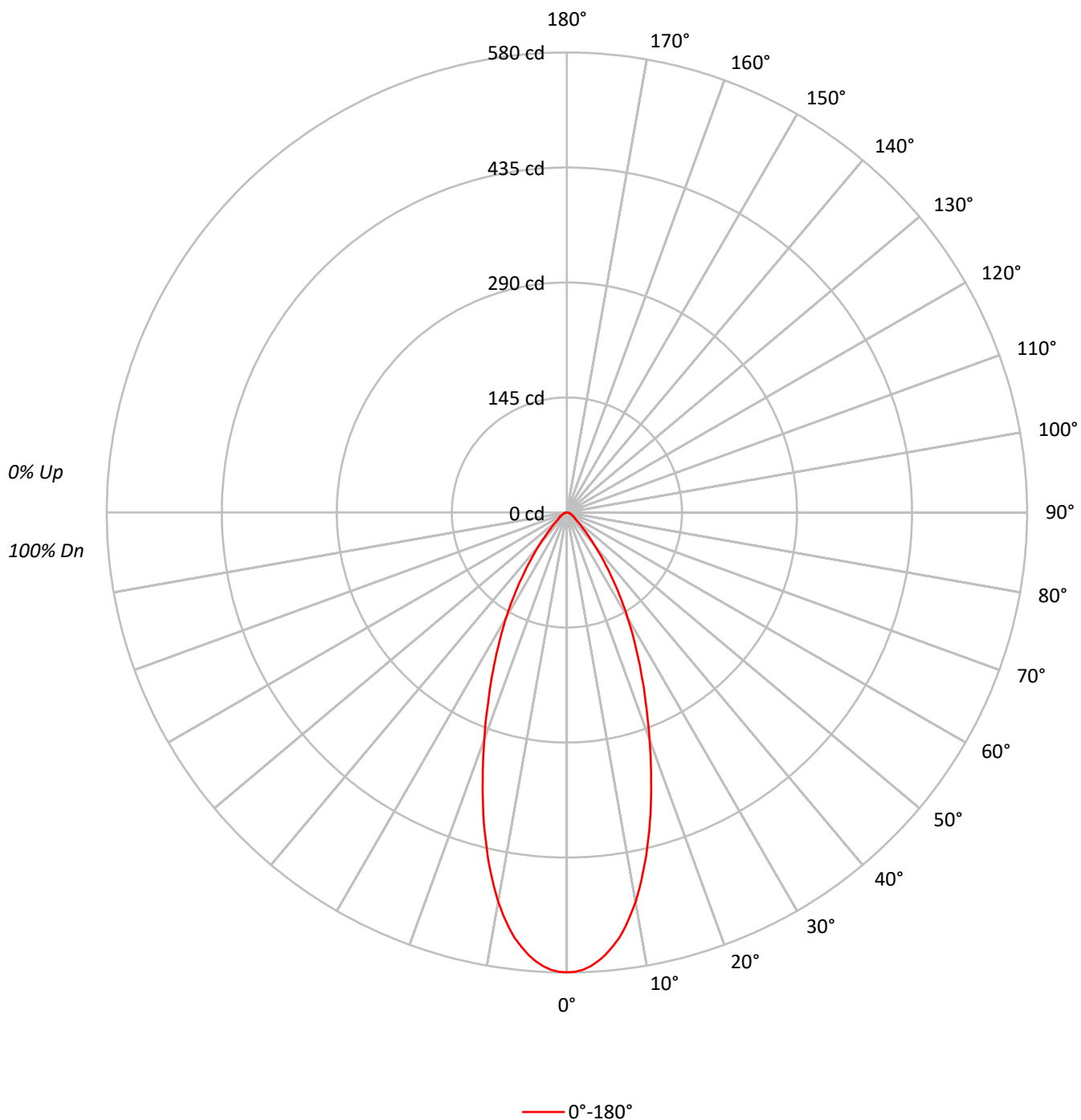
Lumens per Lamp: N/A
Luminaire Lumens: 372.0 lumens
Efficiency: N/A
Efficacy: 28.4 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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				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	100		100	99	97		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	85	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		74
5	92	84	78	73	90	83	77	73	81	76	72		79	75	72		78	74	71		70
6	88	79	73	68	86	78	72	68	76	71	68		75	71	67		74	70	67		65
7	83	74	68	64	82	74	68	64	72	67	63		71	67	63		70	66	63		61
8	80	70	64	60	78	70	64	60	69	63	60		67	63	60		67	62	59		58
9	76	67	61	57	75	66	60	57	65	60	56		64	60	56		63	59	56		55
10	73	63	58	54	72	63	57	54	62	57	53		61	57	53		60	56	53		52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	127117
5°	123156
10°	110975
15°	91805
20°	71080
25°	53301
30°	38715
35°	25779
40°	15858
45°	9303
50°	5697
55°	4626
60°	4035
65°	3269
70°	2949
75°	2965
80°	2147
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 9303 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	51.5	13.8
10°-20°	111.4	29.9
20°-30°	101.3	27.2
30°-40°	61.2	16.5
40°-50°	24.6	6.6
50°-60°	10.9	2.9
60°-70°	6.5	1.8
70°-80°	3.6	1.0
80°-90°	1.0	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°	264.2	71.0
0°-40°	325.4	87.5
0°-60°	360.9	97.0
0°-90°	372.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	372.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	580	
5°	560	51
15°	404	111
25°	220	101
35°	96	61
45°	30	25
55°	12	11
65°	6	7
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	579.7
1°	579.1
2°	576.8
3°	572.8
4°	567.0
5°	559.5
6°	550.3
7°	540.5
8°	527.8
9°	513.4
10°	498.4
11°	481.1
12°	462.6
13°	444.2
14°	424.0
15°	404.4
17.5°	353.0
20°	304.6
22.5°	259.6
25°	220.3
27.5°	184.6
30°	152.9
32.5°	123.4
35°	96.3
37.5°	73.8
40°	55.4
42.5°	40.4
45°	30.0
47.5°	22.5
50°	16.7
52.5°	13.3
55°	12.1
57.5°	10.4
60°	9.2
62.5°	7.5
65°	6.3
67.5°	5.8
70°	4.6
72.5°	4.0
75°	3.5
77.5°	2.9
80°	1.7
82.5°	1.2
85°	1.2
87.5°	0.6



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)