

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: P1283017

Luminaire Tested: P3AS09R30B2750DE010 E3CD1MW_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1283017
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-16)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R30B2750DE010 E3CD1MW_2700K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R30 optic, 2700K CCT AND, 90CRI , E3CD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

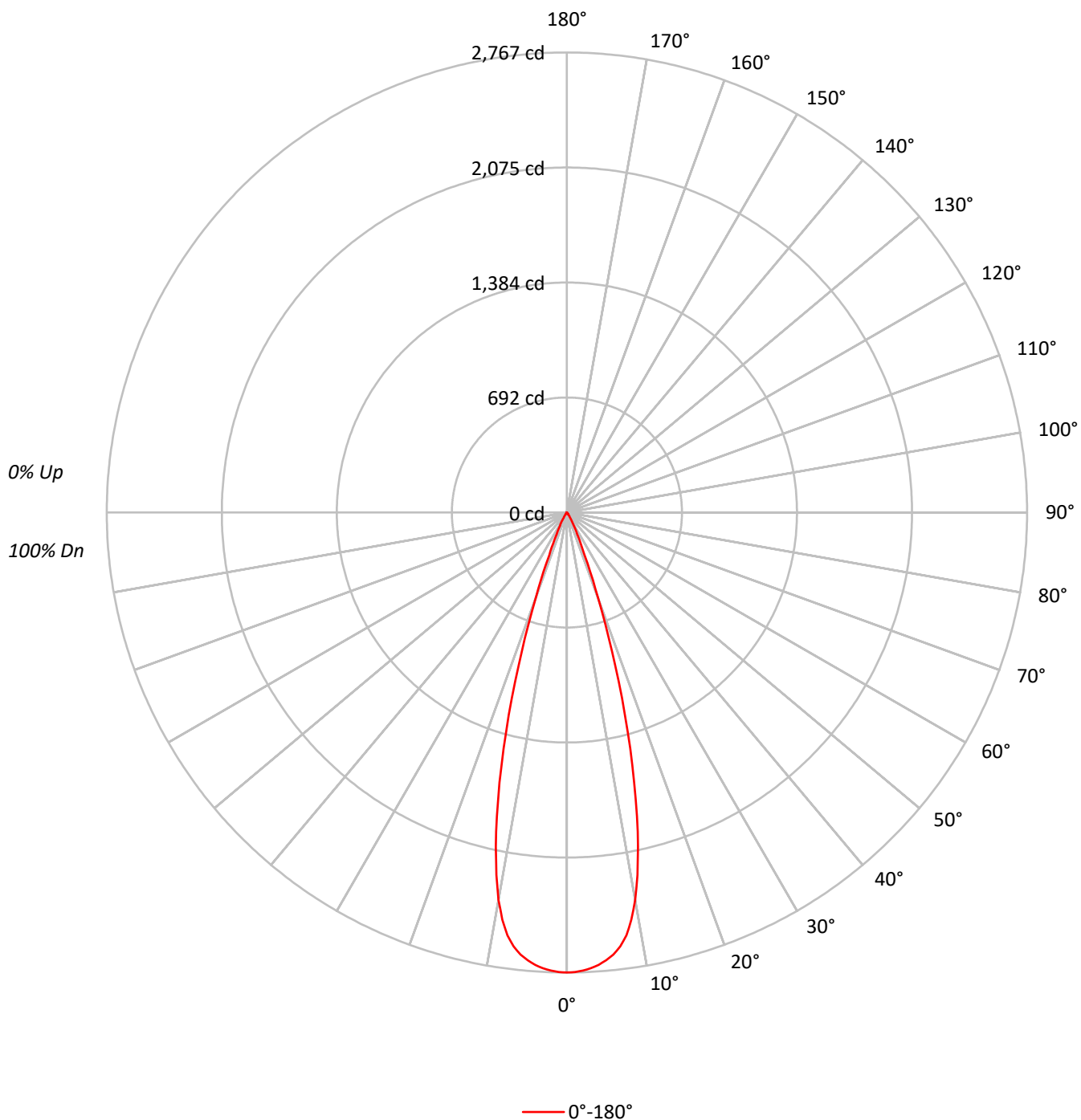
Lumens per Lamp: N/A
Luminaire Lumens: 745.1 lumens
Efficiency: N/A
Efficacy: 56.9 lumens/watt
Spacing Criteria (0/90/45): 0.53 / 0.53 / 0.47
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	115	113	111	109	113	111	109	108	107	106	104		103	102	101		100	99	98		97
2	111	108	105	102	109	106	104	101	103	101	99		100	99	97		98	96	95		94
3	108	103	100	97	106	102	99	96	100	97	95		97	95	93		95	94	92		91
4	105	100	96	93	103	98	95	92	97	94	91		95	92	90		93	91	89		88
5	102	96	92	89	100	95	91	89	94	90	88		92	89	87		91	88	87		85
6	99	93	89	86	98	92	88	86	91	88	85		90	87	85		89	86	84		83
7	96	90	86	83	95	89	86	83	88	85	82		87	84	82		86	84	82		81
8	94	87	83	81	93	87	83	80	86	83	80		85	82	80		84	82	80		79
9	91	85	81	78	90	84	81	78	84	80	78		83	80	78		82	79	77		77
10	89	83	79	76	88	82	78	76	82	78	76		81	78	76		80	77	75		75

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	606684
5°	595222
10°	526911
15°	333827
20°	126711
25°	37526
30°	14812
35°	4551
40°	2004
45°	713
50°	614
55°	459
60°	526
65°	623
70°	385
75°	508
80°	758
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 80°

Luminance: 758 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	248.6	33.4
10°-20°	387.4	52.0
20°-30°	90.0	12.1
30°-40°	13.9	1.9
40°-50°	2.4	0.3
50°-60°	1.1	0.2
60°-70°	1.0	0.1
70°-80°	0.6	0.1
80°-90°	0.1	0.0
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°	725.9	97.4
0°-40°	739.9	99.3
0°-60°	743.4	99.8
0°-90°	745.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	745.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2767	
5°	2704	249
15°	1470	387
25°	155	90
35°	17	14
45°	2	2
55°	1	1
65°	1	1
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	2766.7
1°	2764.9
2°	2757.3
3°	2744.5
4°	2728.1
5°	2704.1
6°	2674.2
7°	2629.8
8°	2568.9
9°	2479.4
10°	2366.4
11°	2220.7
12°	2056.3
13°	1873.7
14°	1673.0
15°	1470.5
17.5°	962.0
20°	543.0
22.5°	277.4
25°	155.1
27.5°	95.4
30°	58.5
32.5°	31.6
35°	17.0
37.5°	11.1
40°	7.0
42.5°	4.1
45°	2.3
47.5°	1.8
50°	1.8
52.5°	1.2
55°	1.2
57.5°	1.2
60°	1.2
62.5°	1.2
65°	1.2
67.5°	0.6
70°	0.6
72.5°	0.6
75°	0.6
77.5°	0.6
80°	0.6
82.5°	0.0
85°	0.0
87.5°	0.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)