

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: P1283027

Luminaire Tested: P3AS09R30B2750DE010 E3D1LI_2700K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1283027
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R30B2750DE010 E3D1LI_2700K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R30 optic, 2700K CCT AND, 90CRI , E3D1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

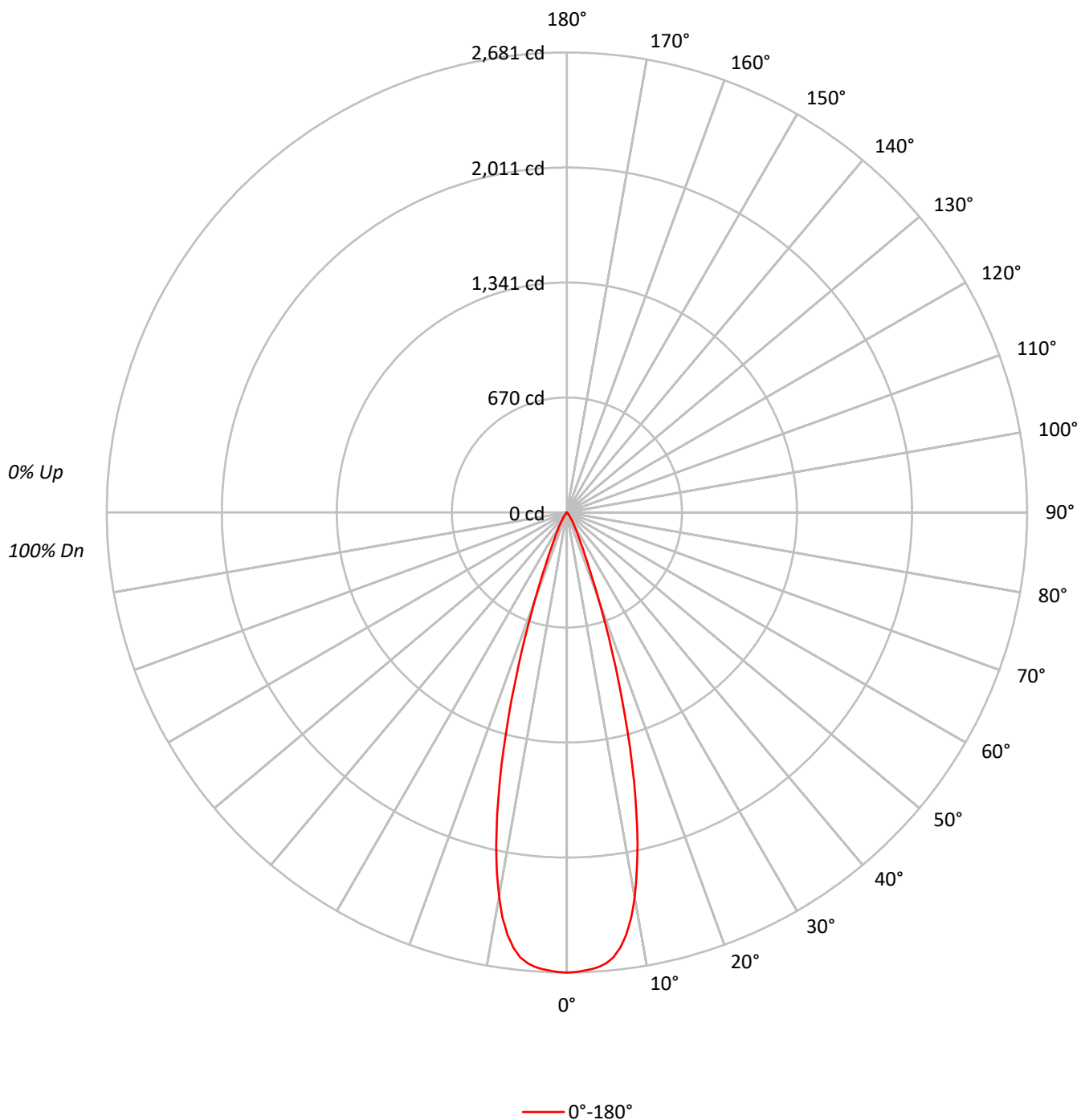
Lumens per Lamp: N/A
Luminaire Lumens: 739.0 lumens
Efficiency: N/A
Efficacy: 56.4 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.47
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1283027

CATALOG NUMBER: P3AS09R30B2750DE010 E3D1LI_2700K

Luminous Intensity Polar Plot



TEST NUMBER: P1283027

CATALOG NUMBER: P3AS09R30B2750DE010 E3D1LI_2700K

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	103	101	103	101	99		100	98	97		97	96	95	94
3	108	103	100	97	106	102	99	96	99	97	95		97	95	93		95	93	92	90
4	105	99	95	92	103	98	95	92	96	93	91		94	92	90		93	91	89	88
5	101	96	92	89	100	95	91	88	93	90	87		92	89	87		90	88	86	85
6	99	92	88	85	97	92	88	85	90	87	84		89	86	84		88	85	83	82
7	96	89	85	82	95	89	85	82	88	84	82		87	84	81		86	83	81	80
8	93	87	83	80	92	86	82	80	85	82	79		84	81	79		84	81	79	78
9	91	84	80	77	90	84	80	77	83	79	77		82	79	77		82	79	77	76
10	88	82	78	75	88	81	78	75	81	77	75		80	77	75		80	77	75	74

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	587979
5°	580298
10°	506648
15°	322045
20°	127598
25°	42607
30°	19826
35°	8994
40°	3435
45°	1706
50°	478
55°	229
60°	132
65°	156
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 1706 cd/sqm

TEST NUMBER: P1283027

CATALOG NUMBER: P3AS09R30B2750DE010 E3D1LI_2700K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	241.0	32.6
10°-20°	373.8	50.6
20°-30°	96.4	13.0
30°-40°	22.6	3.1
40°-50°	4.4	0.6
50°-60°	0.5	0.1
60°-70°	0.3	0.0
70°-80°	0.0	0.0
80°-90°	0.0	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°	711.2	96.2
0°-40°	733.8	99.3
0°-60°	738.8	100.0
0°-90°	739.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	739.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2681	
5°	2636	241
15°	1419	374
25°	176	96
35°	34	23
45°	6	4
55°	1	1
65°	0	0
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1283027

CATALOG NUMBER: P3AS09R30B2750DE010 E3D1LI_2700K

CANDELA DISTRIBUTION (FULL):

0°	
0°	2681.4
1°	2679.4
2°	2673.0
3°	2665.9
4°	2655.3
5°	2636.3
6°	2605.6
7°	2554.6
8°	2484.9
9°	2393.9
10°	2275.4
11°	2134.6
12°	1980.8
13°	1803.8
14°	1618.5
15°	1418.6
16°	1222.6
17°	1033.9
18°	852.9
19°	686.8
20°	546.8
21°	430.3
22°	338.5
23°	267.9
24°	214.6
25°	176.1
26°	146.9
27°	124.8
28°	107.9
29°	92.4
30°	78.3
32.5°	49.3
35°	33.6
37.5°	20.9
40°	12.0
42.5°	8.0
45°	5.5
47.5°	3.2
50°	1.4
52.5°	0.6
55°	0.6
57.5°	0.3
60°	0.3
62.5°	0.3
65°	0.3



TEST NUMBER: P1283027

CATALOG NUMBER: P3AS09R30B2750DE010 E3D1LI_2700K

CANDELA DISTRIBUTION (continued):

	0°
67.5°	0.3
70°	0.0
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)