

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: P1282601

Luminaire Tested: P3AS09R15B2750DE010 E3DL1GPH_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1282601
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-3)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R15B2750DE010 E3DL1GPH_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R15 optic, 5000K CCT AND, 80CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

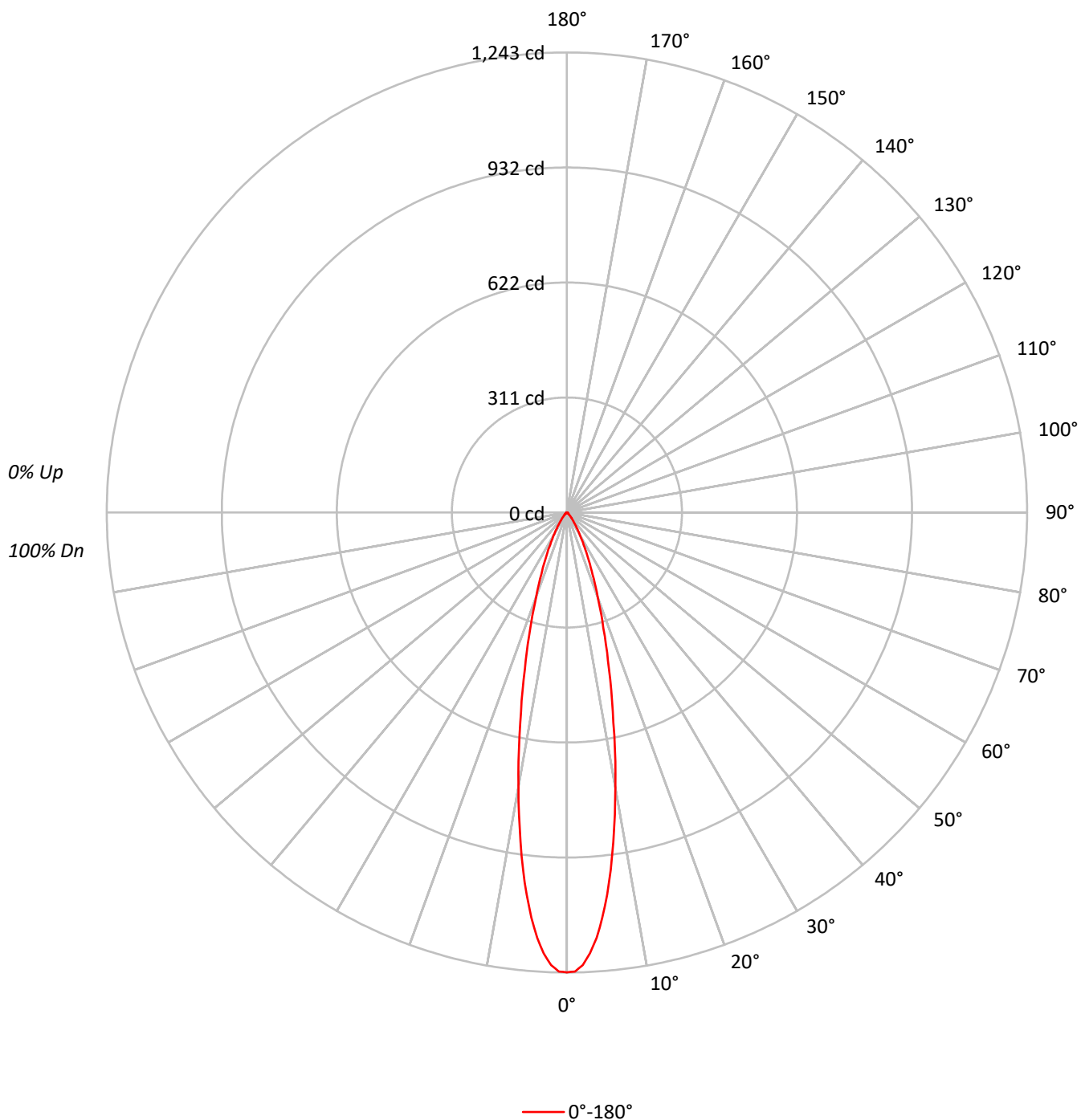
Lumens per Lamp: N/A
Luminaire Lumens: 319.0 lumens
Efficiency: N/A
Efficacy: 24.3 lumens/watt
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1282601

CATALOG NUMBER: P3AS09R15B2750DE010 E3DL1GPH_5000K

Luminous Intensity Polar Plot





TEST NUMBER: P1282601

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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	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95			
2	110	106	103	100	108	104	101	99	101	99	97	98	96	95	96	94	93	91			
3	106	101	97	93	104	99	96	93	97	94	91	94	92	90	92	90	88	87			
4	102	96	92	88	100	95	91	88	93	89	87	91	88	86	89	87	85	83			
5	98	92	87	84	97	91	87	83	89	86	83	88	84	82	86	83	81	80			
6	95	88	83	80	94	87	83	80	86	82	79	85	81	79	83	80	78	77			
7	92	85	80	77	91	84	80	76	83	79	76	82	78	76	81	78	75	74			
8	89	81	77	74	88	81	77	73	80	76	73	79	75	73	78	75	73	72			
9	86	79	74	71	85	78	74	71	77	73	71	77	73	70	76	73	70	69			
10	84	76	71	68	83	76	71	68	75	71	68	74	71	68	74	70	68	67			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	272500
5°	241888
10°	167977
15°	99342
20°	56588
25°	32349
30°	17901
35°	9530
40°	5267
45°	2853
50°	1774
55°	1415
60°	1228
65°	1141
70°	962
75°	1017
80°	758
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 2853 cd/sqm

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CATALOG NUMBER: P3AS09R15B2750DE010 E3DL1GPH_5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	93.4	29.3
10°-20°	123.3	38.7
20°-30°	63.5	19.9
30°-40°	23.8	7.5
40°-50°	7.8	2.4
50°-60°	3.4	1.1
60°-70°	2.1	0.7
70°-80°	1.2	0.4
80°-90°	0.3	0.1
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°	280.3	87.9
0°-40°	304.1	95.3
0°-60°	315.3	98.8
0°-90°	319.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	319.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1243	
5°	1099	93
15°	438	123
25°	134	64
35°	36	24
45°	9	8
55°	4	3
65°	2	2
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1242.7
1°	1240.3
2°	1224.0
3°	1193.0
4°	1152.1
5°	1098.9
6°	1038.7
7°	972.6
8°	899.2
9°	826.7
10°	754.4
12.5°	580.5
15°	437.6
17.5°	327.6
20°	242.5
22.5°	181.0
25°	133.7
27.5°	97.4
30°	70.7
32.5°	50.1
35°	35.6
37.5°	25.5
40°	18.4
42.5°	13.2
45°	9.2
47.5°	6.8
50°	5.2
52.5°	4.3
55°	3.7
57.5°	3.1
60°	2.8
62.5°	2.5
65°	2.2
67.5°	1.8
70°	1.5
72.5°	1.5
75°	1.2
77.5°	0.9
80°	0.6
82.5°	0.6
85°	0.3
87.5°	0.0
90°	0.0

(END OF REPORT)