

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: P1282598

Luminaire Tested: P3AS09R15B2750DE010 E3DL1GPH_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1282598
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_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R15 optic, 3000K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

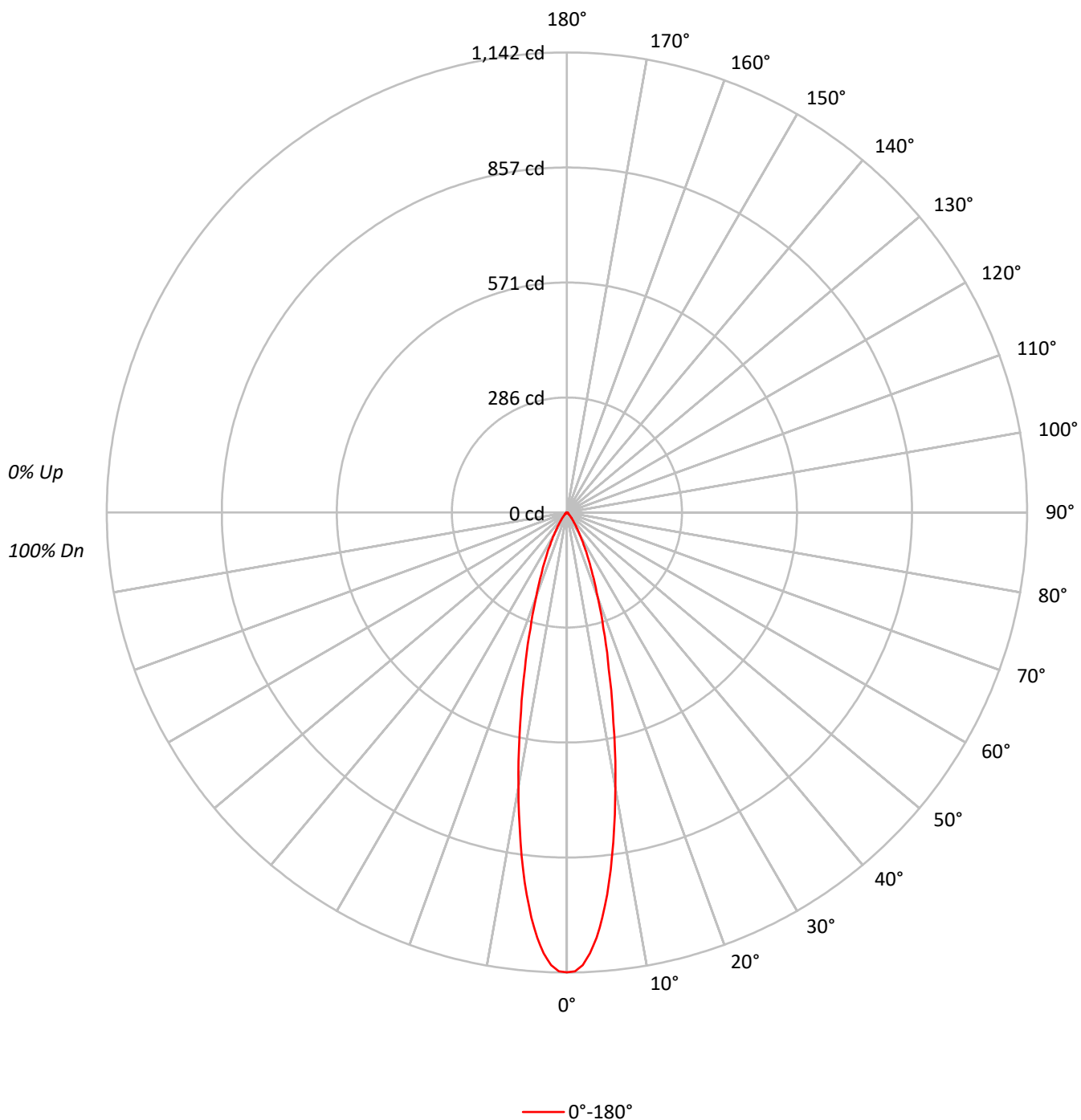
Lumens per Lamp: N/A
Luminaire Lumens: 293.0 lumens
Efficiency: N/A
Efficacy: 22.4 lumens/watt
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1282598

CATALOG NUMBER: P3AS09R15B2750DE010 E3DL1GPH_3000K

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	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	85	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°	250309
5°	222187
10°	154283
15°	91238
20°	51968
25°	29711
30°	16433
35°	8754
40°	4838
45°	2636
50°	1637
55°	1300
60°	1096
65°	1038
70°	898
75°	932
80°	758
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 2636 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	85.8	29.3
10°-20°	113.3	38.7
20°-30°	58.3	19.9
30°-40°	21.9	7.5
40°-50°	7.2	2.4
50°-60°	3.1	1.1
60°-70°	2.0	0.7
70°-80°	1.1	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°	257.4	87.9
0°-40°	279.3	95.3
0°-60°	289.6	98.8
0°-90°	293.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	293.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1142	
5°	1009	86
15°	402	113
25°	123	58
35°	33	22
45°	8	7
55°	3	3
65°	2	2
75°	1	1
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1141.5
1°	1139.2
2°	1124.2
3°	1095.7
4°	1058.2
5°	1009.4
6°	954.0
7°	893.3
8°	825.9
9°	759.3
10°	692.9
12.5°	533.2
15°	401.9
17.5°	300.9
20°	222.7
22.5°	166.3
25°	122.8
27.5°	89.5
30°	64.9
32.5°	46.0
35°	32.7
37.5°	23.4
40°	16.9
42.5°	12.1
45°	8.5
47.5°	6.2
50°	4.8
52.5°	4.0
55°	3.4
57.5°	2.8
60°	2.5
62.5°	2.3
65°	2.0
67.5°	1.7
70°	1.4
72.5°	1.4
75°	1.1
77.5°	0.8
80°	0.6
82.5°	0.6
85°	0.3
87.5°	0.0
90°	0.0

(END OF REPORT)