

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: P1282682

Luminaire Tested: P3AS09R15B2750DE010 E3DLP1WMH\_2700K

Issue Date: 1/30/2026

**Test Information**

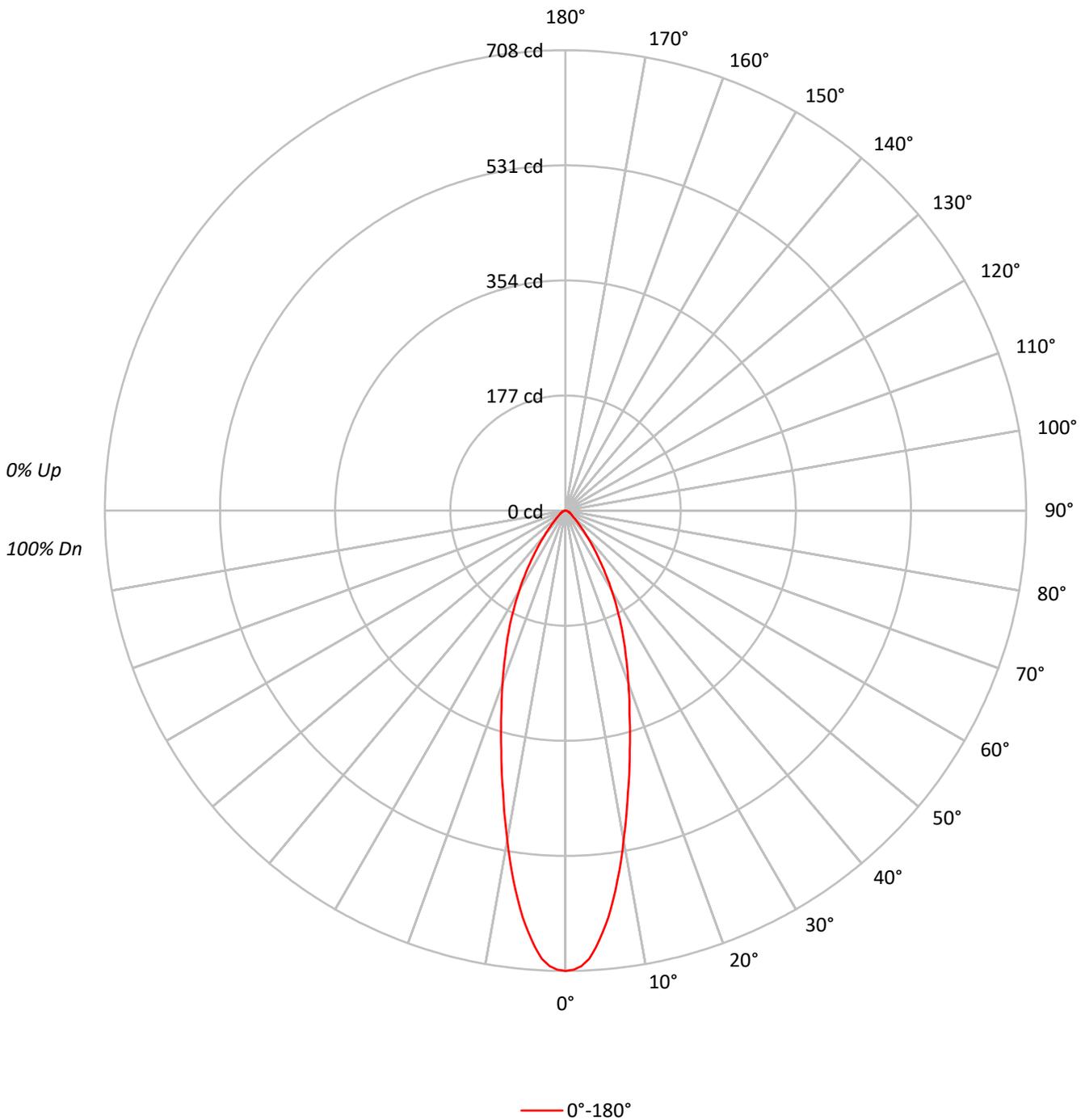
Test Method: LM-79-2019  
Report Number: P1282682  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-1)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS09R15B2750DE010 E3DLP1WMH\_2700K  
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R15 optic, 2700K CCT AND, 90CRI , E3DLP1WMH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 360.0 lumens  
Efficiency: N/A  
Efficacy: 27.5 lumens/watt  
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61  
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: P1282682  
CATALOG NUMBER: P3AS09R15B2750DE010 E3DLP1WMH\_2700K

### Luminous Intensity Polar Plot





TEST NUMBER: P1282682  
 CATALOG NUMBER: P3AS09R15B2750DE010 E3DLP1WMH\_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	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	100	100	100
1	113	110	108	106	111	108	106	104	104	102	101	100	99	98	97	96	95	93	93	93	93
2	108	103	98	95	105	101	97	94	98	95	92	95	92	90	92	90	88	86	86	86	86
3	102	96	91	87	100	94	90	86	92	88	85	89	86	83	87	84	82	80	80	80	80
4	97	90	84	80	95	88	83	79	86	82	78	84	81	78	82	79	77	75	75	75	75
5	93	84	78	74	91	83	78	74	81	77	73	80	76	72	78	75	72	70	70	70	70
6	88	79	73	69	87	79	73	69	77	72	69	76	71	68	74	71	68	66	66	66	66
7	84	75	69	65	83	74	69	65	73	68	64	72	67	64	71	67	64	62	62	62	62
8	80	71	65	61	79	71	65	61	69	64	61	68	64	61	67	63	60	59	59	59	59
9	77	68	62	58	76	67	62	58	66	61	58	65	61	57	64	60	57	56	56	56	56
10	74	64	59	55	73	64	59	55	63	58	55	62	58	55	62	57	54	53	53	53	53

**AVERAGE LUMINANCE (cd/sqm):**

	0°
0°	155251
5°	143473
10°	114538
15°	86539
20°	65899
25°	50205
30°	35980
35°	23477
40°	14398
45°	8714
50°	5799
55°	4473
60°	3859
65°	3321
70°	3013
75°	2965
80°	2273
85°	1510

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 8714 cd/sqm



TEST NUMBER: P1282682

CATALOG NUMBER: P3AS09R15B2750DE010 E3DLP1WMH\_2700K

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	57.7	16.0
10°-20°	106.5	29.6
20°-30°	94.8	26.3
30°-40°	56.1	15.6
40°-50°	23.0	6.4
50°-60°	10.8	3.0
60°-70°	6.6	1.8
70°-80°	3.5	1.0
80°-90°	0.9	0.2
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°	259.1	72.0
0°-40°	315.2	87.6
0°-60°	349.1	97.0
0°-90°	360.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	360.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	708	
5°	652	58
15°	381	107
25°	208	95
35°	88	56
45°	28	23
55°	12	11
65°	6	7
75°	4	3
85°	1	1
90°	0	



TEST NUMBER: P1282682  
CATALOG NUMBER: P3AS09R15B2750DE010 E3DLP1WMH\_2700K

**CANDELA DISTRIBUTION (FULL):**

0°	
0°	708.0
1°	706.2
2°	700.9
3°	690.4
4°	672.9
5°	651.8
6°	629.0
7°	602.1
8°	574.1
9°	545.4
10°	514.4
12.5°	443.7
15°	381.2
17.5°	327.4
20°	282.4
22.5°	242.6
25°	207.5
27.5°	173.6
30°	142.1
32.5°	113.4
35°	87.7
37.5°	67.2
40°	50.3
42.5°	37.4
45°	28.1
47.5°	21.6
50°	17.0
52.5°	14.0
55°	11.7
57.5°	9.9
60°	8.8
62.5°	7.6
65°	6.4
67.5°	5.8
70°	4.7
72.5°	4.1
75°	3.5
77.5°	2.3
80°	1.8
82.5°	1.2
85°	0.6
87.5°	0.6
90°	0.0

(END OF REPORT)