

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: P1282685

Luminaire Tested: P3AS09R15B2750DE010 E3DLP1WMH_4000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1282685
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_4000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R15 optic, 4000K CCT AND, 80CRI , E3DLP1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

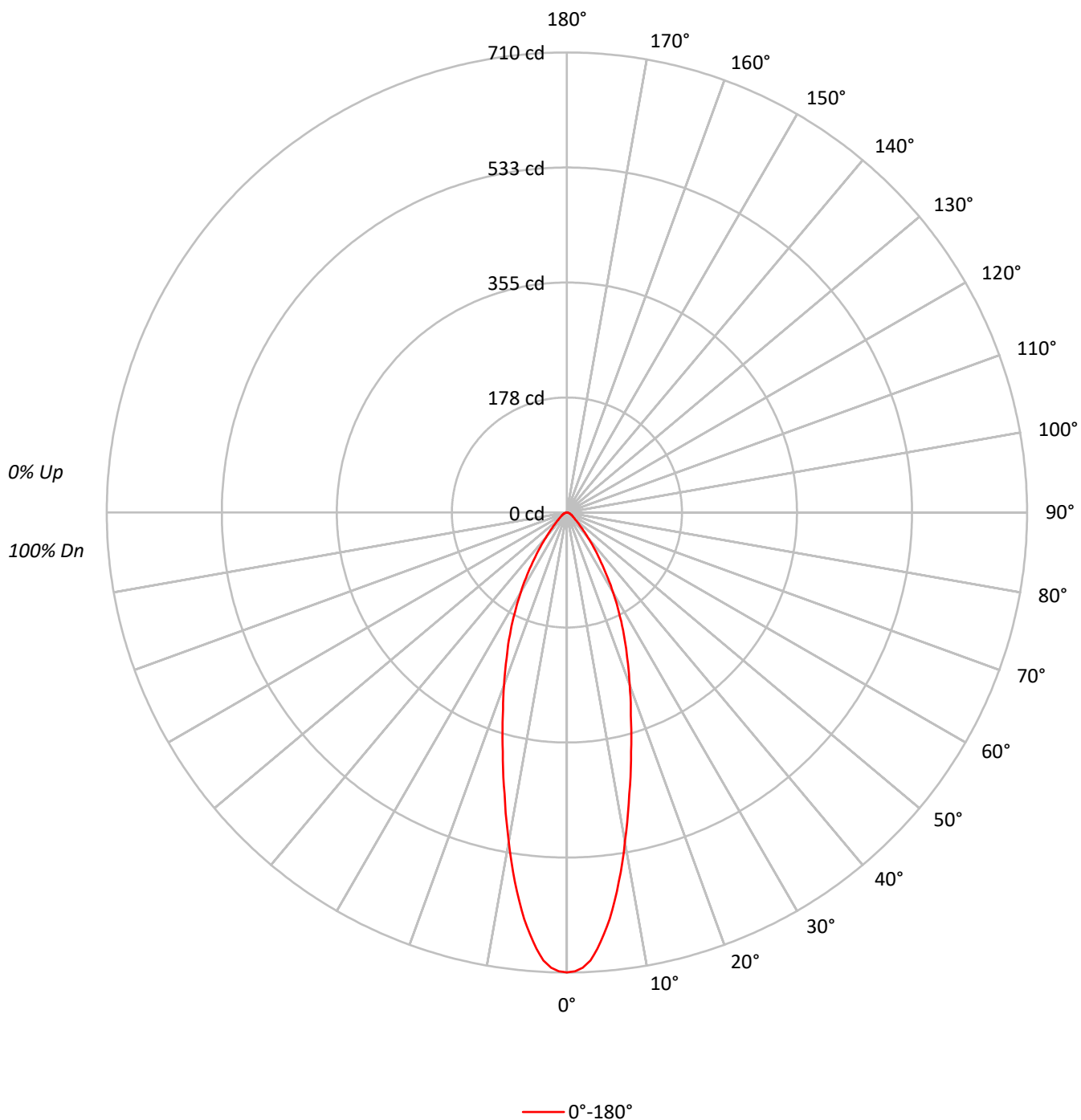
Lumens per Lamp: N/A
Luminaire Lumens: 361.0 lumens
Efficiency: N/A
Efficacy: 27.6 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	155667
5°	143869
10°	114872
15°	86766
20°	66062
25°	50350
30°	36082
35°	23530
40°	14427
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

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	57.9	16.0
10°-20°	106.8	29.6
20°-30°	95.1	26.3
30°-40°	56.3	15.6
40°-50°	23.1	6.4
50°-60°	10.9	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°	259.8	72.0
0°-40°	316.1	87.6
0°-60°	350.0	97.0
0°-90°	361.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	361.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	710	
5°	654	58
15°	382	107
25°	208	95
35°	88	56
45°	28	23
55°	12	11
65°	6	7
75°	4	3
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	709.9
1°	708.2
2°	702.9
3°	692.3
4°	674.7
5°	653.6
6°	630.8
7°	603.8
8°	575.7
9°	546.9
10°	515.9
12.5°	444.9
15°	382.2
17.5°	328.3
20°	283.1
22.5°	243.3
25°	208.1
27.5°	174.1
30°	142.5
32.5°	113.7
35°	87.9
37.5°	67.4
40°	50.4
42.5°	37.5
45°	28.1
47.5°	21.7
50°	17.0
52.5°	14.1
55°	11.7
57.5°	10.0
60°	8.8
62.5°	7.6
65°	6.4
67.5°	5.9
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)