

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: P1280958

Luminaire Tested: P3AS05R15B2750DE010 E3DLP1WMH_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1280958
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: P3AS05R15B2750DE010 E3DLP1WMH_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R15 optic, 3000K CCT AND, 90CRI , E3DLP1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

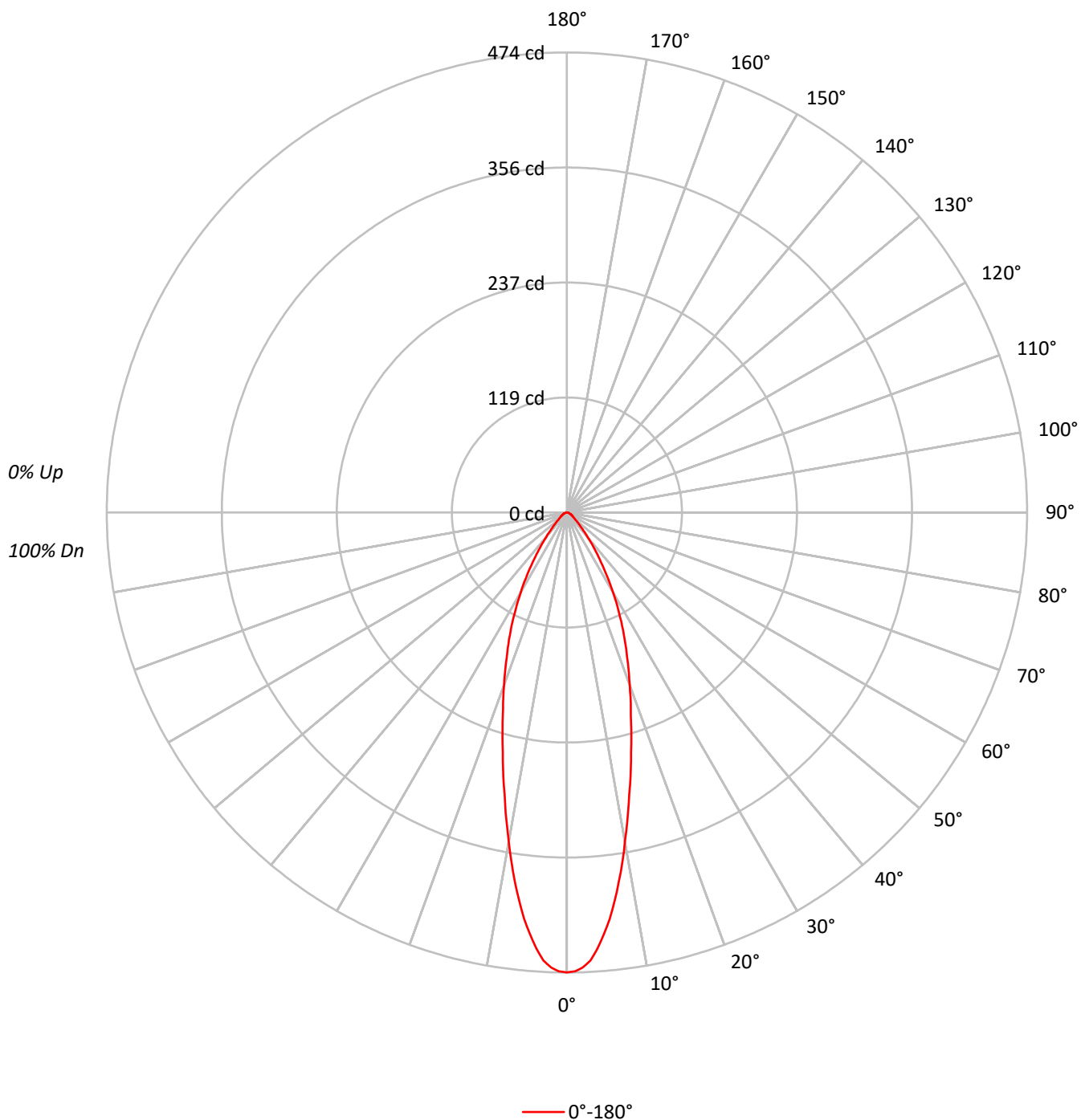
Lumens per Lamp: N/A
Luminaire Lumens: 241.0 lumens
Efficiency: N/A
Efficacy: 40.8 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 5.9
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°	103917
5°	96060
10°	76685
15°	57934
20°	44104
25°	33607
30°	24080
35°	15714
40°	9647
45°	5830
50°	3855
55°	2982
60°	2588
65°	2231
70°	1988
75°	1949
80°	1515
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 5830 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	38.7	16.0
10°-20°	71.3	29.6
20°-30°	63.5	26.3
30°-40°	37.6	15.6
40°-50°	15.4	6.4
50°-60°	7.2	3.0
60°-70°	4.4	1.8
70°-80°	2.3	1.0
80°-90°	0.6	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°	173.5	72.0
0°-40°	211.0	87.6
0°-60°	233.7	97.0
0°-90°	241.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	241.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	474	
5°	436	39
15°	255	71
25°	139	63
35°	59	38
45°	19	15
55°	8	7
65°	4	4
75°	2	2
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	473.9
1°	472.8
2°	469.2
3°	462.2
4°	450.5
5°	436.4
6°	421.1
7°	403.1
8°	384.3
9°	365.1
10°	344.4
12.5°	297.0
15°	255.2
17.5°	219.2
20°	189.0
22.5°	162.4
25°	138.9
27.5°	116.2
30°	95.1
32.5°	75.9
35°	58.7
37.5°	45.0
40°	33.7
42.5°	25.0
45°	18.8
47.5°	14.5
50°	11.3
52.5°	9.4
55°	7.8
57.5°	6.7
60°	5.9
62.5°	5.1
65°	4.3
67.5°	3.9
70°	3.1
72.5°	2.7
75°	2.3
77.5°	1.6
80°	1.2
82.5°	0.8
85°	0.4
87.5°	0.4
90°	0.0

(END OF REPORT)