

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: P1290682

Luminaire Tested: P3A05R60W2N902750DE010 E3DL1WMH_4000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1290682
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-39)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R60W2N902750DE010 E3DL1WMH_4000K
Description: 3in Adjustable Tunable White LED luminaire with, R60 optic, 4000K CCT AND, 90CRI ,
E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

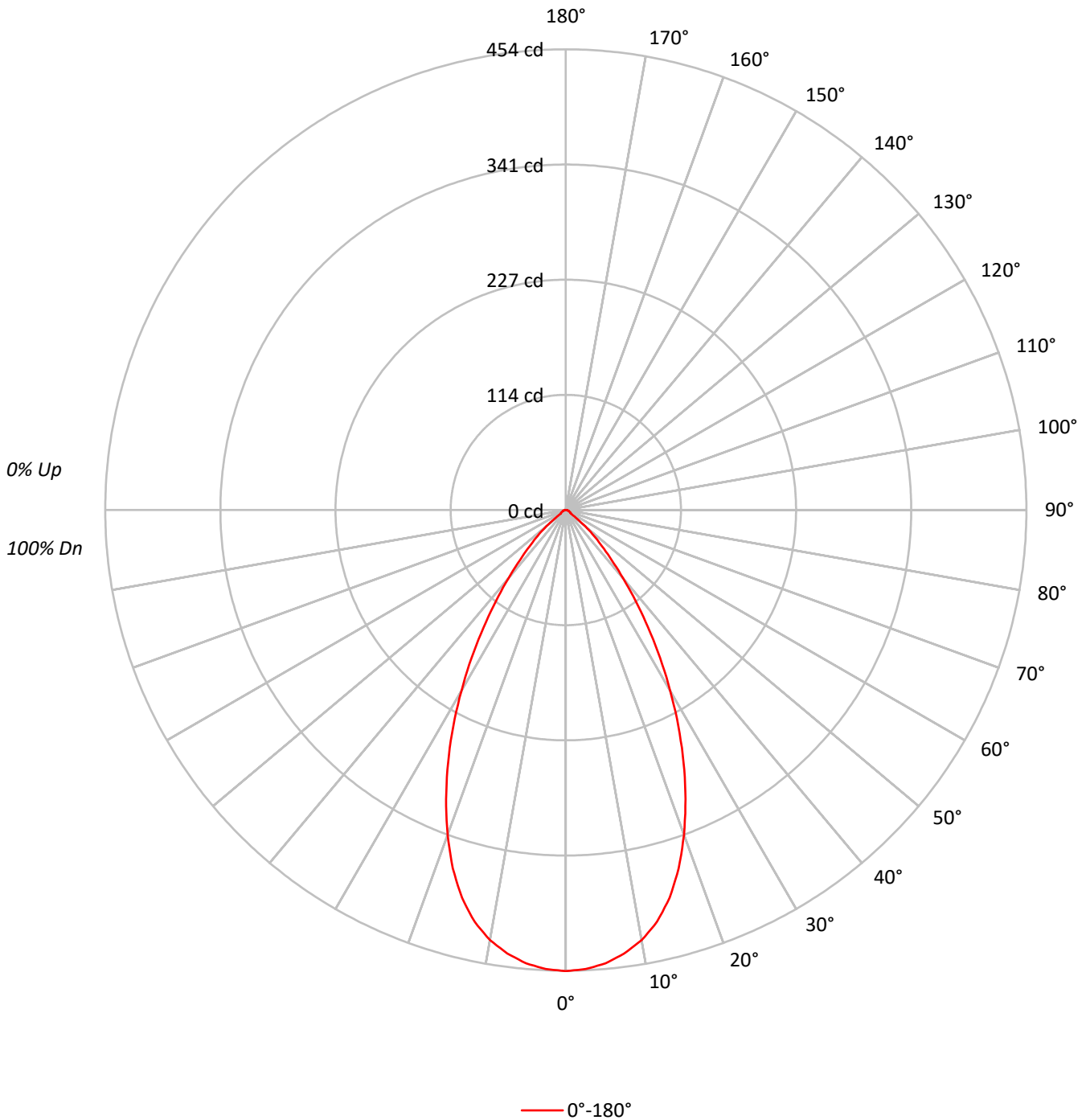
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 422.0 lumens
Efficiency: N/A
Efficacy: 71.5 lumens/watt
Spacing Criteria (0/90/45): 0.87 / 0.87 / 0.87
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	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				
1	113	110	108	105	111	108	106	103	104	102	100	100	99	97	97	96	94	93				
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	85				
3	101	95	89	85	99	93	88	84	91	86	83	88	85	82	86	83	80	79				
4	96	88	82	78	94	87	81	77	85	80	76	83	79	75	81	77	75	73				
5	91	82	76	71	89	81	75	71	79	74	70	78	73	70	76	72	69	68				
6	86	77	70	66	84	76	70	66	74	69	65	73	68	65	72	68	64	63				
7	82	72	66	61	80	71	65	61	70	65	61	69	64	60	68	63	60	59				
8	77	68	61	57	76	67	61	57	66	60	57	65	60	56	64	59	56	55				
9	74	64	57	53	72	63	57	53	62	57	53	61	56	53	60	56	53	51				
10	70	60	54	50	69	60	54	50	59	53	50	58	53	50	57	53	49	48				

AVERAGE LUMINANCE (cd/sqm):

Angle	Average Luminance (cd/sqm)
0°	99641
5°	98701
10°	95834
15°	89785
20°	79457
25°	66464
30°	52109
35°	37798
40°	25133
45°	15661
50°	8494
55°	2447
60°	2281
65°	2075
70°	2052
75°	2033
80°	2020
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 15661 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	42.2	10.0
10°-20°	109.7	26.0
20°-30°	125.1	29.6
30°-40°	88.7	21.0
40°-50°	40.2	9.5
50°-60°	8.5	2.0
60°-70°	4.1	1.0
70°-80°	2.5	0.6
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°	277.0	65.6
0°-40°	365.7	86.7
0°-60°	414.5	98.2
0°-90°	422.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	422.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	454	
5°	448	42
15°	396	110
25°	275	125
35°	141	89
45°	50	40
55°	6	9
65°	4	4
75°	2	3
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	454.4
2.5°	452.8
5°	448.4
7.5°	440.8
10°	430.4
12.5°	415.5
15°	395.5
17.5°	370.2
20°	340.5
22.5°	308.4
25°	274.7
27.5°	240.3
30°	205.8
32.5°	172.9
35°	141.2
37.5°	113.1
40°	87.8
42.5°	66.6
45°	50.5
47.5°	37.7
50°	24.9
52.5°	11.6
55°	6.4
57.5°	5.6
60°	5.2
62.5°	4.8
65°	4.0
67.5°	3.6
70°	3.2
72.5°	2.8
75°	2.4
77.5°	2.0
80°	1.6
82.5°	1.2
85°	0.8
87.5°	0.4
90°	0.0

(END OF REPORT)