

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: P1289043

Luminaire Tested: P3A05R30W2N902765DE010 E3PH1MW_3500K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1289043
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-4)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R30W2N902765DE010 E3PH1MW_3500K
Description: 3in Adjustable Tunable White LED luminaire with, R30 optic, 3500K CCT AND, 90CRI ,
E3PH1MW TRIM
Light Source: -
Ballast/Driver: -

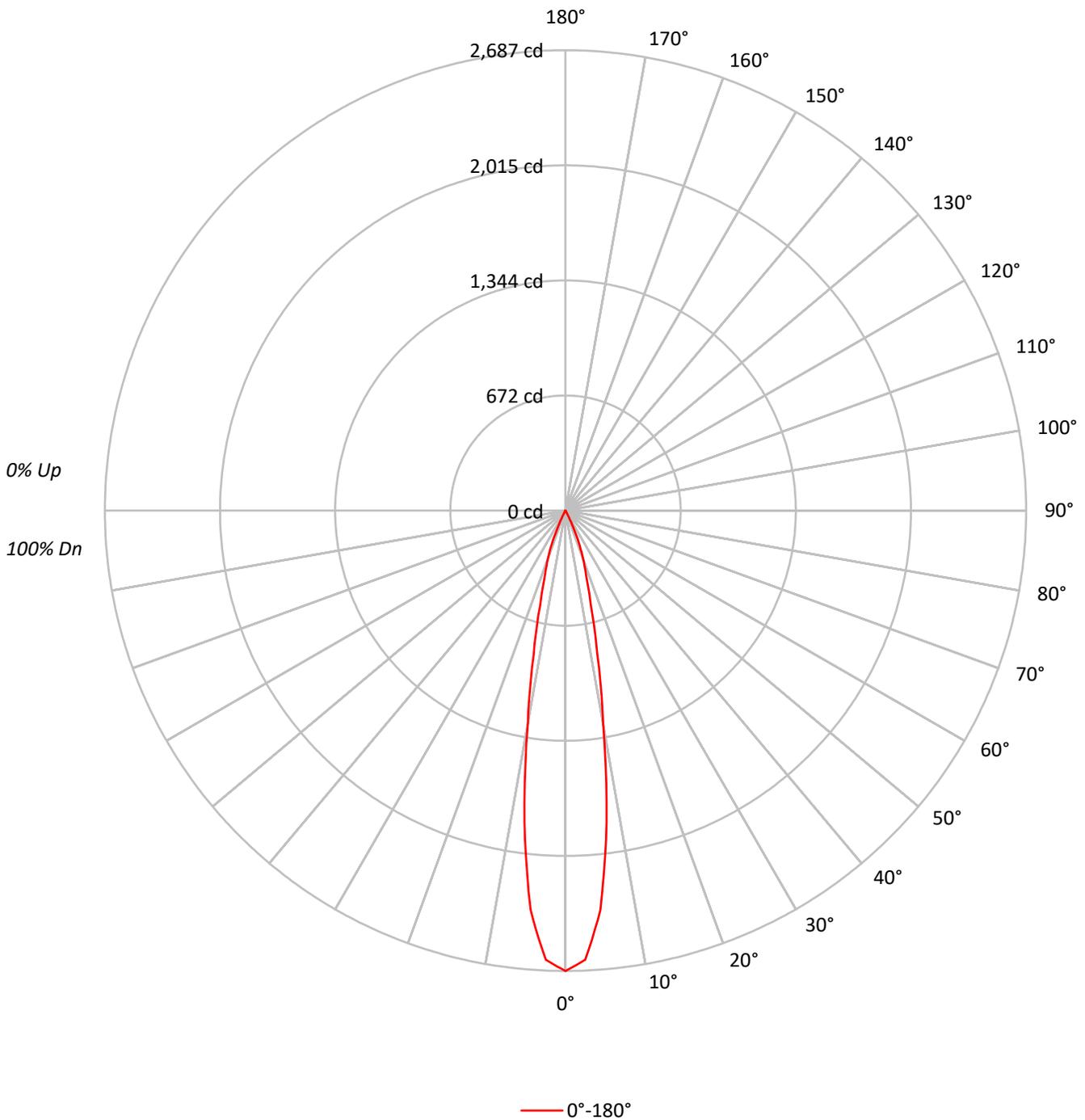
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 414.0 lumens
Efficiency: N/A
Efficacy: 70.2 lumens/watt
Spacing Criteria (0/90/45): 0.33 / 0.33 / 0.34
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	100	99	100
1	115	113	112	110	113	111	110	108	107	106	105	104	103	102	100	100	99	97	97	96	97
2	112	109	106	104	110	107	105	103	104	102	100	101	100	98	99	97	96	95	97	95	94
3	109	105	102	99	107	104	101	98	101	99	97	99	97	95	97	95	94	93	97	95	94
4	106	101	98	95	105	100	97	95	98	96	94	97	94	92	95	93	91	90	95	93	91
5	104	98	95	92	102	97	94	91	96	93	91	94	92	90	93	91	89	88	93	91	89
6	101	95	92	89	100	95	91	89	94	91	88	92	90	88	91	89	87	86	91	89	87
7	99	93	89	87	98	92	89	86	91	88	86	90	88	86	89	87	85	84	89	87	85
8	96	91	87	84	96	90	87	84	89	86	84	88	86	84	88	85	83	83	88	85	83
9	94	88	85	82	94	88	85	82	87	84	82	87	84	82	86	84	82	81	86	84	82
10	92	87	83	81	92	86	83	81	86	82	80	85	82	80	84	82	80	79	84	82	80

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	589273
5°	514747
10°	282382
15°	129921
20°	70029
25°	23735
30°	3089
35°	455
40°	172
45°	0
50°	0
55°	0
60°	0
65°	0
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

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



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	187.3	45.3
10°-20°	171.7	41.5
20°-30°	52.8	12.8
30°-40°	2.0	0.5
40°-50°	0.2	0.0
50°-60°	0.0	0.0
60°-70°	0.0	0.0
70°-80°	0.0	0.0
80°-90°	0.0	0.0
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°	411.9	99.5
0°-40°	413.9	100.0
0°-60°	414.0	100.0
0°-90°	414.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	414.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2687	
5°	2338	187
15°	572	172
25°	98	53
35°	2	2
45°	0	0
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	2687.3
2.5°	2624.6
5°	2338.5
7.5°	1834.7
10°	1268.2
12.5°	858.4
15°	572.3
17.5°	401.1
20°	300.1
22.5°	202.0
25°	98.1
27.5°	36.0
30°	12.2
32.5°	4.1
35°	1.7
37.5°	1.2
40°	0.6
42.5°	0.6
45°	0.0
47.5°	0.0
50°	0.0
52.5°	0.0
55°	0.0
57.5°	0.0
60°	0.0
62.5°	0.0
65°	0.0
67.5°	0.0
70°	0.0
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)