

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: P1265048

Luminaire Tested: P3A13R259730DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265048
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-7)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R259730DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 97CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

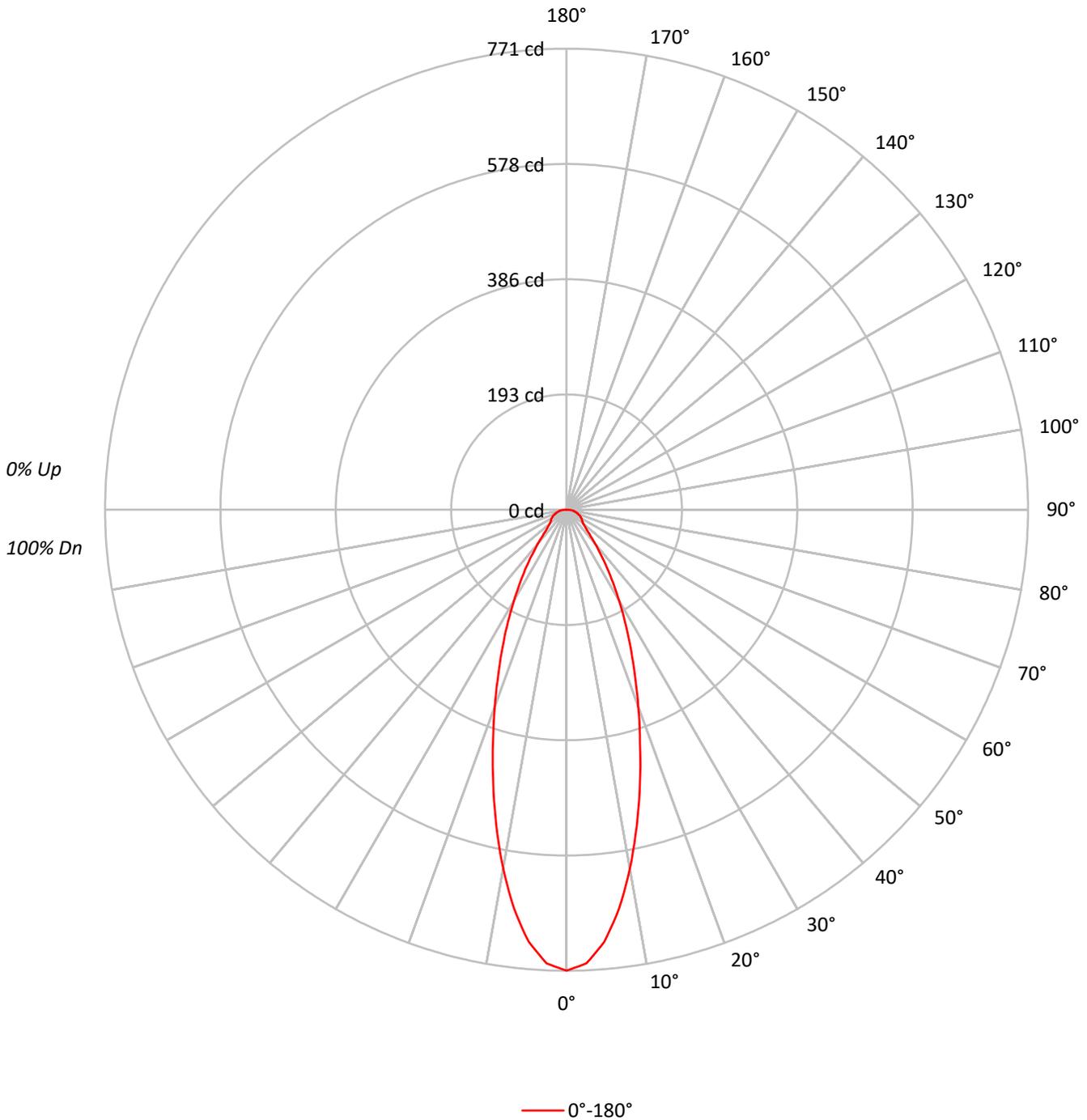
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 503.1 lumens
Efficiency: N/A
Efficacy: 34.5 lumens/watt
Spacing Criteria (0/90/45): 0.59 / 0.59 / 0.65
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
Input Voltage (V): NR
Input Current (A_{in}): 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				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
1	112	108	105	102	109	106	103	101	102	100	97	98	96	95	95	93	92	90				90
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	85	83	81				81
3	99	91	85	80	97	90	84	80	87	82	78	84	80	77	82	79	76	74				74
4	93	84	78	73	91	83	77	73	81	76	72	79	74	71	77	73	70	68				68
5	88	79	72	67	86	78	71	67	76	70	66	74	69	66	72	68	65	63				63
6	84	74	67	62	82	73	66	62	71	66	61	70	65	61	68	64	61	59				59
7	79	69	63	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55				55
8	76	65	59	54	74	65	58	54	63	58	54	62	57	54	61	57	53	52				52
9	72	62	55	51	71	61	55	51	60	55	51	59	54	51	58	54	50	49				49
10	69	59	52	48	68	58	52	48	57	52	48	56	51	48	56	51	48	46				46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	169000
5°	159674
10°	135713
15°	107492
20°	81697
25°	60947
30°	44336
35°	31347
40°	21268
45°	14854
50°	12452
55°	12043
60°	12718
65°	13075
70°	12951
75°	13895
80°	15911
85°	15851

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 82.5°
 Luminance: 16968 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	65.5	13.0
10°-20°	131.1	26.1
20°-30°	116.1	23.1
30°-40°	73.9	14.7
40°-50°	39.1	7.8
50°-60°	28.7	5.7
60°-70°	24.5	4.9
70°-80°	17.3	3.4
80°-90°	6.9	1.4
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°	312.6	62.1
0°-40°	386.5	76.8
0°-60°	454.4	90.3
0°-90°	503.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	503.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	771	
5°	725	65
15°	474	131
25°	252	116
35°	117	74
45°	48	39
55°	32	29
65°	25	24
75°	16	17
85°	6	7
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	770.7
2.5°	759.4
5°	725.4
7.5°	672.5
10°	609.5
12.5°	541.5
15°	473.5
17.5°	408.0
20°	350.1
22.5°	297.2
25°	251.9
27.5°	211.6
30°	175.1
32.5°	143.6
35°	117.1
37.5°	93.2
40°	74.3
42.5°	59.2
45°	47.9
47.5°	41.6
50°	36.5
52.5°	34.0
55°	31.5
57.5°	30.2
60°	29.0
62.5°	26.4
65°	25.2
67.5°	22.7
70°	20.2
72.5°	18.9
75°	16.4
77.5°	13.9
80°	12.6
82.5°	10.1
85°	6.3
87.5°	2.5
90°	0.0

(END OF REPORT)