

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: P1264958

Luminaire Tested: P3A13R129730DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1264958
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-5)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R129730DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R12 optic, 3000K CCT AND, 97CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

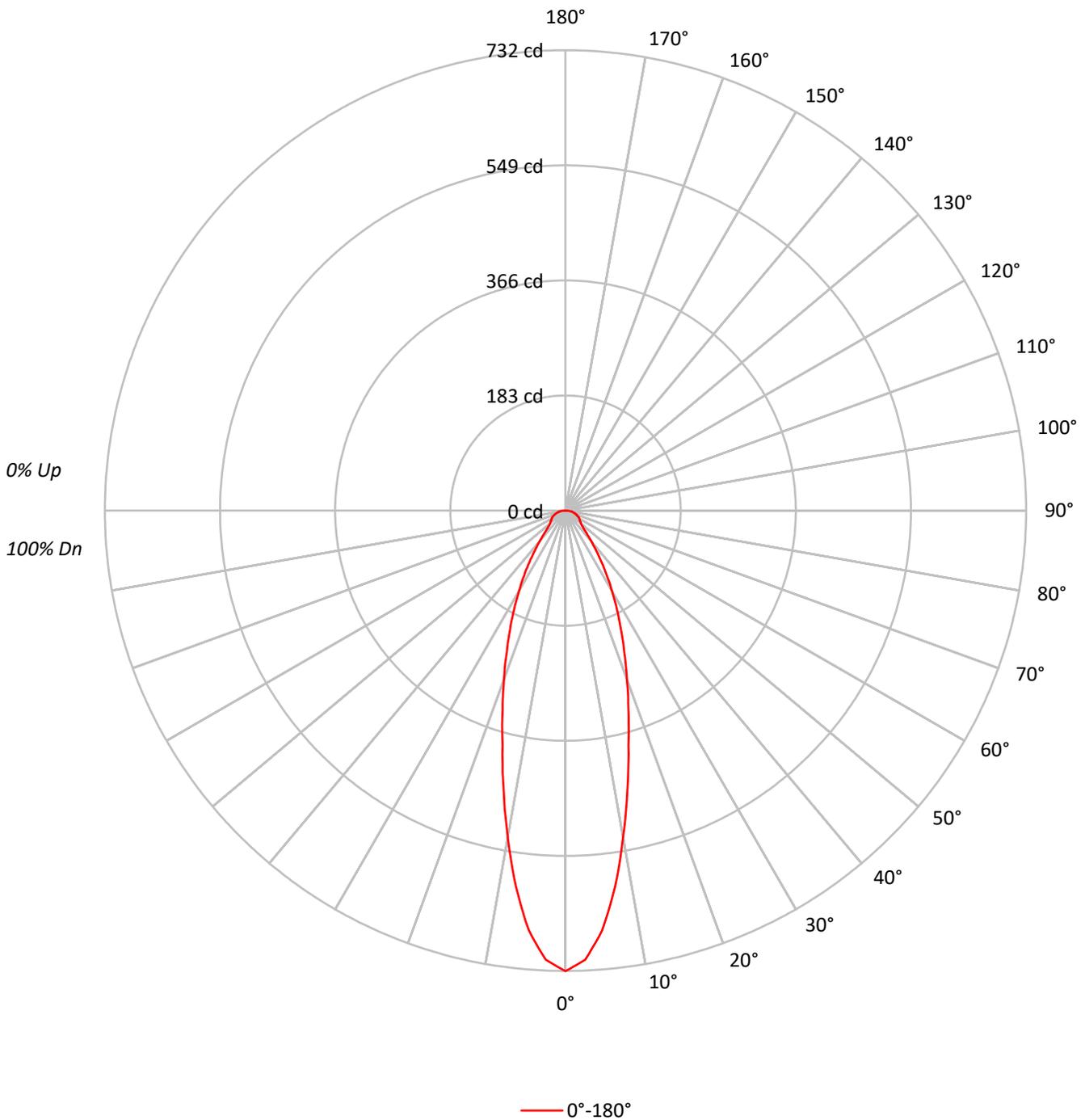
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 429.0 lumens
Efficiency: N/A
Efficacy: 27.7 lumens/watt
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.6
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 15.5
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	100	102	99	97	98	96	94	95	93	92	90				90
2	105	99	94	90	102	97	92	89	94	90	87	91	87	85	88	85	83	81				81
3	99	91	85	80	96	89	84	80	87	82	78	84	80	77	82	79	76	74				74
4	93	84	78	73	91	83	77	72	81	76	71	79	74	71	77	73	70	68				68
5	88	78	72	67	86	77	71	67	76	70	66	74	69	65	72	68	65	63				63
6	83	73	67	62	82	73	66	62	71	65	61	70	65	61	68	64	60	59				59
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55				55
8	75	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°	160557
5°	147435
10°	117477
15°	87787
20°	66669
25°	50471
30°	37348
35°	26689
40°	18263
45°	12777
50°	10882
55°	10666
60°	11052
65°	11726
70°	11925
75°	12370
80°	13386
85°	13335

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 82.5°
 Luminance: 15624 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	59.3	13.8
10°-20°	108.5	25.3
20°-30°	96.1	22.4
30°-40°	62.9	14.7
40°-50°	33.6	7.8
50°-60°	25.4	5.9
60°-70°	21.9	5.1
70°-80°	15.1	3.5
80°-90°	6.1	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°	263.9	61.5
0°-40°	326.8	76.2
0°-60°	385.9	90.0
0°-90°	429.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	429.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	732	
5°	670	59
15°	387	108
25°	209	96
35°	100	63
45°	41	34
55°	28	25
65°	23	22
75°	15	15
85°	5	6
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	732.2
2.5°	715.0
5°	669.8
7.5°	603.3
10°	527.6
12.5°	454.5
15°	386.7
17.5°	332.2
20°	285.7
22.5°	244.5
25°	208.6
27.5°	176.7
30°	147.5
32.5°	122.3
35°	99.7
37.5°	79.7
40°	63.8
42.5°	50.5
45°	41.2
47.5°	35.9
50°	31.9
52.5°	30.6
55°	27.9
57.5°	26.6
60°	25.2
62.5°	23.9
65°	22.6
67.5°	19.9
70°	18.6
72.5°	15.9
75°	14.6
77.5°	12.0
80°	10.6
82.5°	9.3
85°	5.3
87.5°	2.7
90°	0.0

(END OF REPORT)