

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: P1264924

Luminaire Tested: P3A10R129730DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1264924
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A10R129730DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R12 optic, 3000K CCT AND, 97CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

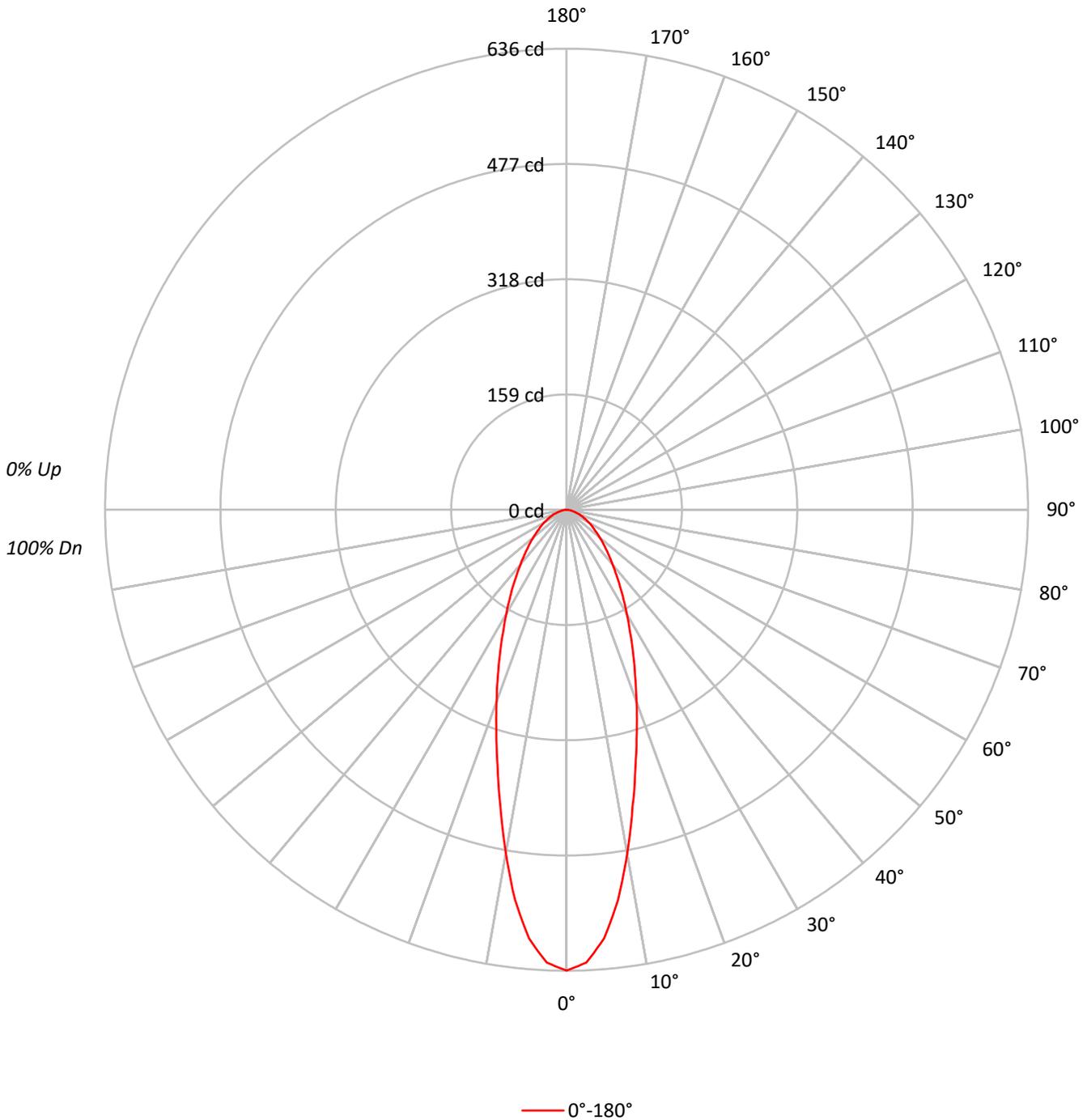
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 479.0 lumens
Efficiency: N/A
Efficacy: 40.9 lumens/watt
Spacing Criteria (0/90/45): 0.56 / 0.56 / 0.66
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.7
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		
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		0
RCR																			
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102		100
1	112	108	105	102	109	106	103	101	102	100	97	98	96	95	95	93	92		90
2	104	98	93	89	102	97	92	88	93	89	86	90	87	84	87	85	82		80
3	98	90	83	79	96	88	83	78	85	81	77	83	79	75	81	77	74		72
4	92	82	76	70	90	81	75	70	79	73	69	77	72	68	75	71	67		66
5	86	76	69	64	84	75	68	63	73	67	63	71	66	62	70	65	62		60
6	81	70	63	58	79	70	63	58	68	62	58	67	61	57	65	60	57		55
7	77	66	59	54	75	65	58	54	64	58	53	62	57	53	61	56	53		51
8	72	61	55	50	71	61	54	50	60	54	49	59	53	49	58	53	49		47
9	69	58	51	46	68	57	51	46	56	50	46	55	50	46	54	49	46		44
10	65	54	48	44	64	54	48	44	53	47	43	52	47	43	52	47	43		42

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	139397
5°	130662
10°	107146
15°	83247
20°	65712
25°	52358
30°	42032
35°	34318
40°	28282
45°	23785
50°	20434
55°	17662
60°	15657
65°	13646
70°	12117
75°	9828
80°	7956
85°	5284

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 23785 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	53.0	11.1
10°-20°	102.7	21.4
20°-30°	99.8	20.8
30°-40°	80.7	16.8
40°-50°	59.9	12.5
50°-60°	41.9	8.7
60°-70°	26.2	5.5
70°-80°	12.5	2.6
80°-90°	2.3	0.5
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°	255.6	53.4
0°-40°	336.2	70.2
0°-60°	438.0	91.4
0°-90°	479.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	479.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	636	
5°	594	53
15°	367	103
25°	216	100
35°	128	81
45°	77	60
55°	46	42
65°	26	26
75°	12	12
85°	2	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	635.7
2.5°	625.2
5°	593.6
7.5°	543.2
10°	481.2
12.5°	420.3
15°	366.7
17.5°	321.5
20°	281.6
22.5°	246.9
25°	216.4
27.5°	189.1
30°	166.0
32.5°	146.0
35°	128.2
37.5°	112.4
40°	98.8
42.5°	87.2
45°	76.7
47.5°	68.3
50°	59.9
52.5°	52.5
55°	46.2
57.5°	41.0
60°	35.7
62.5°	30.5
65°	26.3
67.5°	22.1
70°	18.9
72.5°	14.7
75°	11.6
77.5°	8.4
80°	6.3
82.5°	3.2
85°	2.1
87.5°	0.0
90°	0.0

(END OF REPORT)