

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: P1259926

Luminaire Tested: P3AS13R209050DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1259926
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R209050DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 5000K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

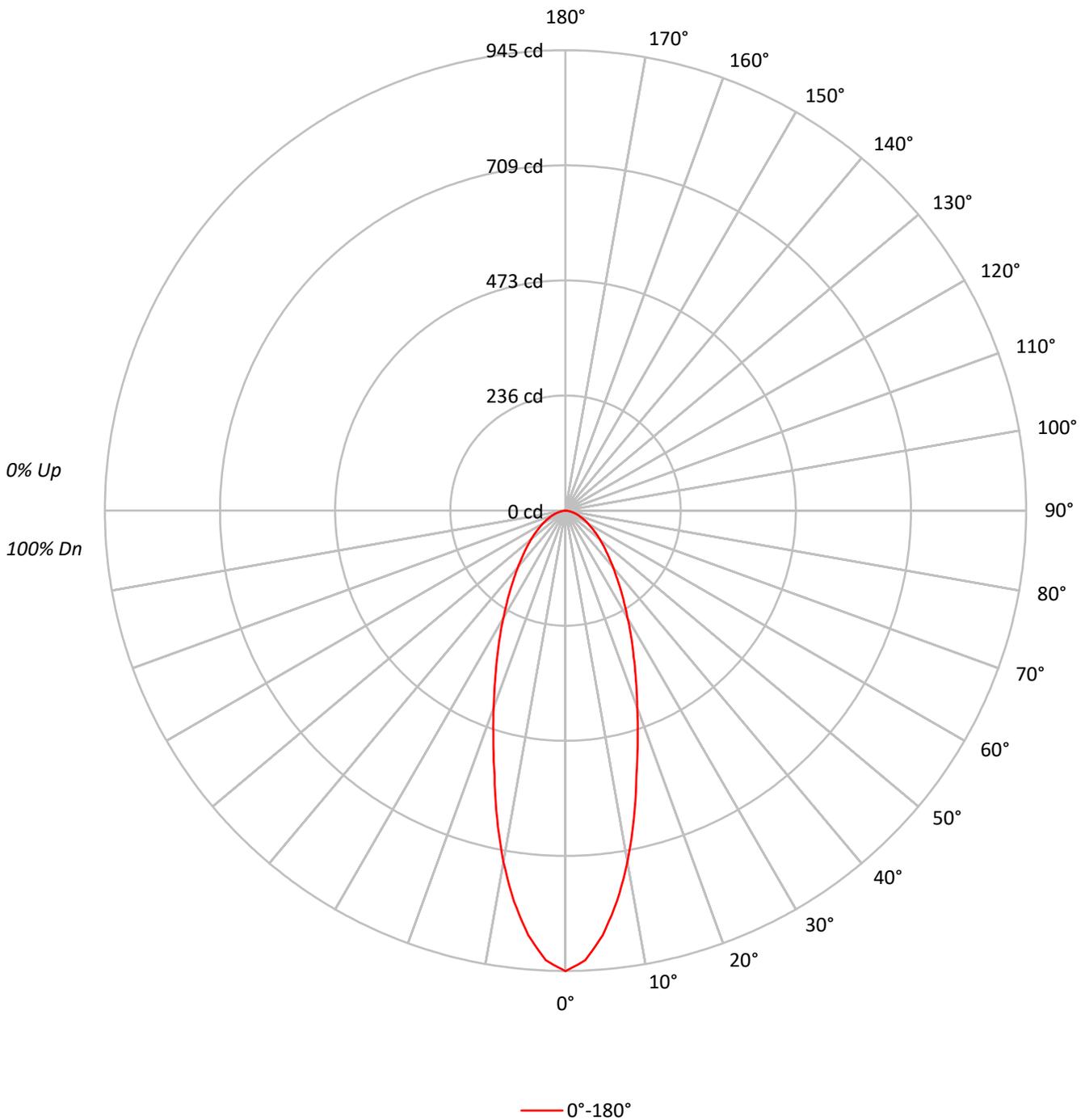
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 731.0 lumens
Efficiency: N/A
Efficacy: 50.1 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.68
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				
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	100	100
1	112	108	105	102	109	106	103	101	102	100	97	98	96	95	95	93	92	90	90	90	90
2	104	98	93	89	102	96	92	88	93	89	86	90	87	84	87	85	82	80	80	80	80
3	98	90	83	78	95	88	82	78	85	81	77	83	79	75	80	77	74	72	72	72	72
4	92	82	75	70	90	81	75	70	79	73	69	77	72	68	75	71	67	66	66	66	66
5	86	76	69	64	84	75	68	63	73	67	63	71	66	62	70	65	62	60	60	60	60
6	81	70	63	58	79	70	63	58	68	62	58	66	61	57	65	60	57	55	55	55	55
7	76	66	59	54	75	65	58	53	64	58	53	62	57	53	61	56	53	51	51	51	51
8	72	61	54	50	71	61	54	50	60	54	49	58	53	49	57	53	49	47	47	47	47
9	69	58	51	46	67	57	51	46	56	50	46	55	50	46	54	49	46	44	44	44	44
10	65	54	48	43	64	54	48	43	53	47	43	52	47	43	51	46	43	41	41	41	41

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	207308
5°	192581
10°	163079
15°	127651
20°	100482
25°	80085
30°	64415
35°	52494
40°	43424
45°	36593
50°	31351
55°	26952
60°	23507
65°	20651
70°	17695
75°	15589
80°	11618
85°	7799

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 36593 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	79.0	10.8
10°-20°	157.4	21.5
20°-30°	152.9	20.9
30°-40°	123.5	16.9
40°-50°	91.8	12.6
50°-60°	63.8	8.7
60°-70°	39.9	5.5
70°-80°	19.4	2.7
80°-90°	3.3	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°	389.3	53.3
0°-40°	512.8	70.1
0°-60°	668.3	91.4
0°-90°	731.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	731.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	945	
5°	875	79
15°	562	157
25°	331	153
35°	196	124
45°	118	92
55°	70	64
65°	40	40
75°	18	19
85°	3	3
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	945.4
2.5°	924.0
5°	874.9
7.5°	809.0
10°	732.4
12.5°	648.2
15°	562.3
17.5°	491.9
20°	430.6
22.5°	376.9
25°	331.0
27.5°	291.1
30°	254.4
32.5°	223.7
35°	196.1
37.5°	171.6
40°	151.7
42.5°	133.3
45°	118.0
47.5°	104.2
50°	91.9
52.5°	81.2
55°	70.5
57.5°	61.3
60°	53.6
62.5°	47.5
65°	39.8
67.5°	33.7
70°	27.6
72.5°	23.0
75°	18.4
77.5°	13.8
80°	9.2
82.5°	4.6
85°	3.1
87.5°	0.0
90°	0.0

(END OF REPORT)