

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: P1255317

Luminaire Tested: P3AS20R159035D010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255317
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: P3AS20R159035D010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 3500K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

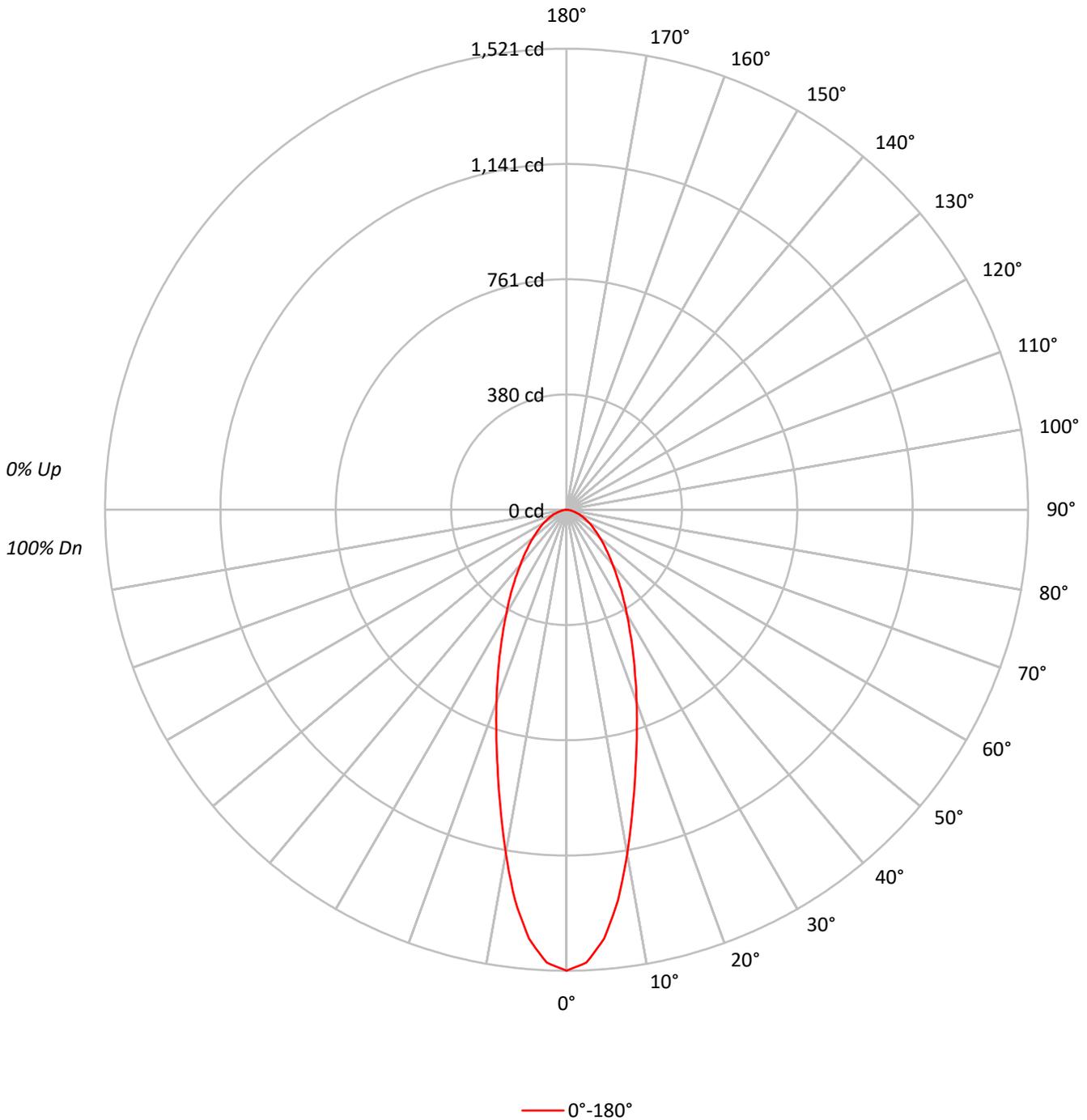
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1146.0 lumens
Efficiency: N/A
Efficacy: 39.8 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): 28.8
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	97	92	88	93	89	86	90	87	84	87	85	82	80	80	80	80
3	98	90	84	79	96	88	83	78	85	81	77	83	79	75	81	77	74	72	72	72	72
4	92	82	76	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	71	63	58	79	70	63	58	68	62	58	67	61	57	65	60	57	55	55	55	55
7	77	66	59	54	75	65	58	54	64	58	53	62	57	53	61	56	53	51	51	51	51
8	72	61	55	50	71	61	54	50	60	54	49	59	53	49	58	53	49	47	47	47	47
9	69	58	51	47	68	57	51	46	56	50	46	55	50	46	54	49	46	44	44	44	44
10	65	54	48	44	64	54	48	44	53	47	43	52	47	43	52	47	43	42	42	42	42

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	333482
5°	312634
10°	256352
15°	199161
20°	157210
25°	125281
30°	100572
35°	82101
40°	67641
45°	56905
50°	48885
55°	42283
60°	37497
65°	32585
70°	28979
75°	23468
80°	19068
85°	12580

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 56905 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	126.9	11.1
10°-20°	245.7	21.4
20°-30°	238.8	20.8
30°-40°	193.1	16.8
40°-50°	143.3	12.5
50°-60°	100.2	8.7
60°-70°	62.7	5.5
70°-80°	29.8	2.6
80°-90°	5.4	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°	611.4	53.4
0°-40°	804.5	70.2
0°-60°	1048.0	91.4
0°-90°	1146.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1146.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1521	
5°	1420	127
15°	877	246
25°	518	239
35°	307	193
45°	184	143
55°	111	100
65°	63	63
75°	28	30
85°	5	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1520.8
2.5°	1495.7
5°	1420.3
7.5°	1299.6
10°	1151.3
12.5°	1005.5
15°	877.3
17.5°	769.2
20°	673.7
22.5°	590.7
25°	517.8
27.5°	452.5
30°	397.2
32.5°	349.4
35°	306.7
37.5°	269.0
40°	236.3
42.5°	208.6
45°	183.5
47.5°	163.4
50°	143.3
52.5°	125.7
55°	110.6
57.5°	98.0
60°	85.5
62.5°	72.9
65°	62.8
67.5°	52.8
70°	45.2
72.5°	35.2
75°	27.7
77.5°	20.1
80°	15.1
82.5°	7.5
85°	5.0
87.5°	0.0
90°	0.0

(END OF REPORT)