

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: P1260679

Luminaire Tested: P3AS20R259050D010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260679
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R259050D010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 5000K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

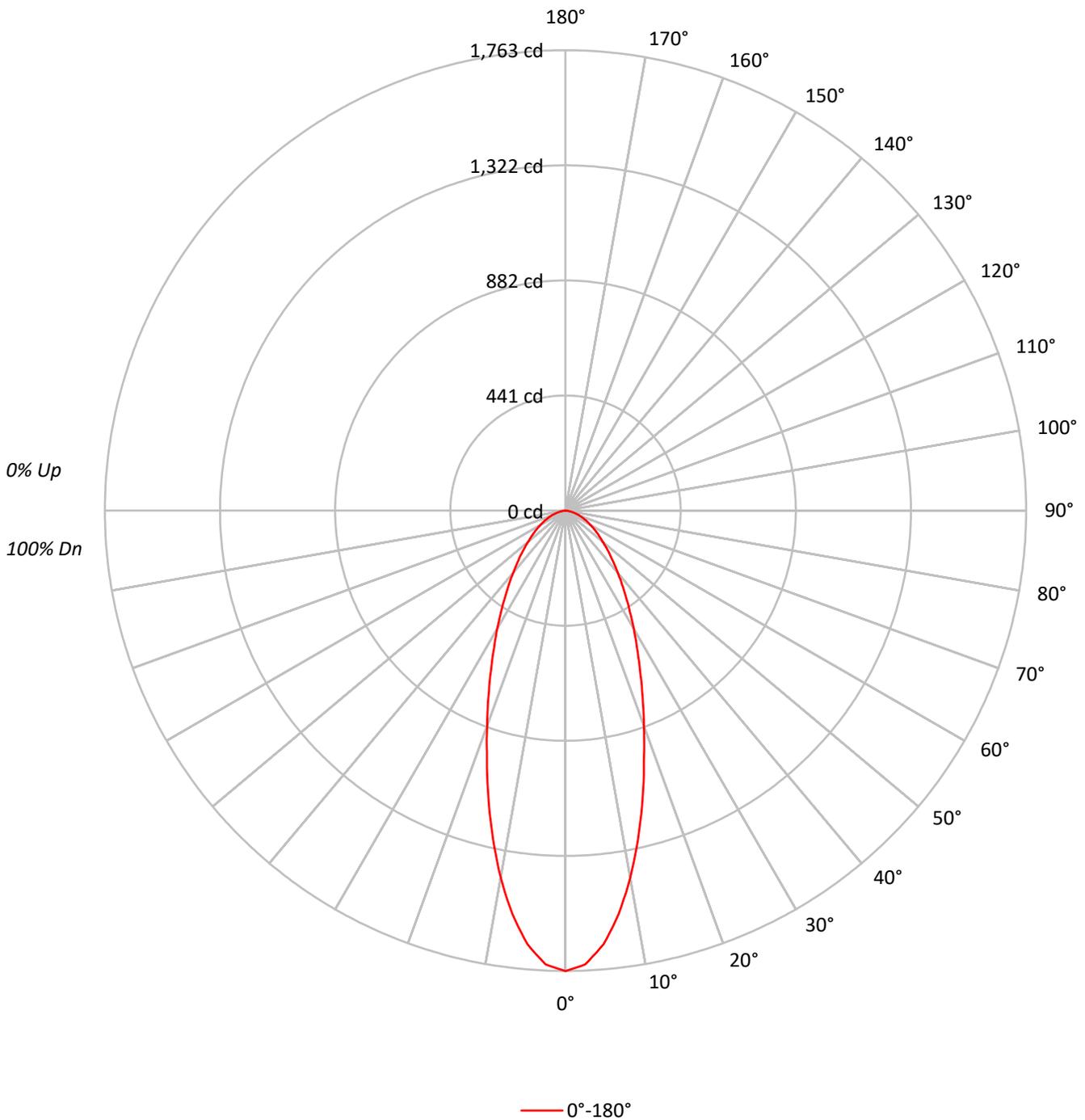
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1482.0 lumens
Efficiency: N/A
Efficacy: 51.5 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.71
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
Input Voltage (V): NR
Input Current (Ain): 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
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	100	102	99	97	98	96	94	95	93	92	90		
2	104	98	93	89	102	96	92	88	93	89	86	90	87	84	87	84	82	80		
3	97	89	83	78	95	88	82	77	85	80	76	83	78	75	80	77	74	72		
4	91	82	75	70	89	81	74	69	78	73	69	76	72	68	74	70	67	65		
5	86	76	68	63	84	75	68	63	73	67	62	71	66	62	69	65	61	59		
6	81	70	63	58	79	69	62	57	68	62	57	66	61	57	65	60	56	55		
7	76	65	58	53	75	64	58	53	63	57	53	62	56	52	61	56	52	50		
8	72	61	54	49	71	60	54	49	59	53	49	58	53	49	57	52	48	47		
9	68	57	50	46	67	57	50	46	56	50	46	55	49	45	54	49	45	44		
10	65	54	47	43	64	53	47	43	52	47	43	52	46	43	51	46	42	41		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	386680
5°	367047
10°	317919
15°	258821
20°	204511
25°	163050
30°	132198
35°	107666
40°	89224
45°	75171
50°	63623
55°	56008
60°	49075
65°	42858
70°	37570
75°	31602
80°	23488
85°	13335

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 75171 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	151.4	10.2
10°-20°	316.1	21.3
20°-30°	311.6	21.0
30°-40°	253.7	17.1
40°-50°	188.2	12.7
50°-60°	131.4	8.9
60°-70°	82.3	5.6
70°-80°	39.6	2.7
80°-90°	7.6	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°	779.2	52.6
0°-40°	1032.8	69.7
0°-60°	1352.5	91.3
0°-90°	1482.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1482.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1763	
5°	1668	151
15°	1140	316
25°	674	312
35°	402	254
45°	242	188
55°	146	131
65°	83	82
75°	37	40
85°	5	8
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1763.4
2.5°	1739.5
5°	1667.5
7.5°	1558.3
10°	1427.8
12.5°	1283.9
15°	1140.1
17.5°	998.9
20°	876.4
22.5°	769.8
25°	673.9
27.5°	591.4
30°	522.1
32.5°	458.2
35°	402.2
37.5°	354.3
40°	311.7
42.5°	274.4
45°	242.4
47.5°	213.1
50°	186.5
52.5°	165.2
55°	146.5
57.5°	127.9
60°	111.9
62.5°	95.9
65°	82.6
67.5°	69.3
70°	58.6
72.5°	47.9
75°	37.3
77.5°	26.6
80°	18.6
82.5°	10.7
85°	5.3
87.5°	2.7
90°	0.0

(END OF REPORT)