

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: P1274695

Luminaire Tested: P3AS20R259830D010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274695
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: P3AS20R259830D010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 98CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

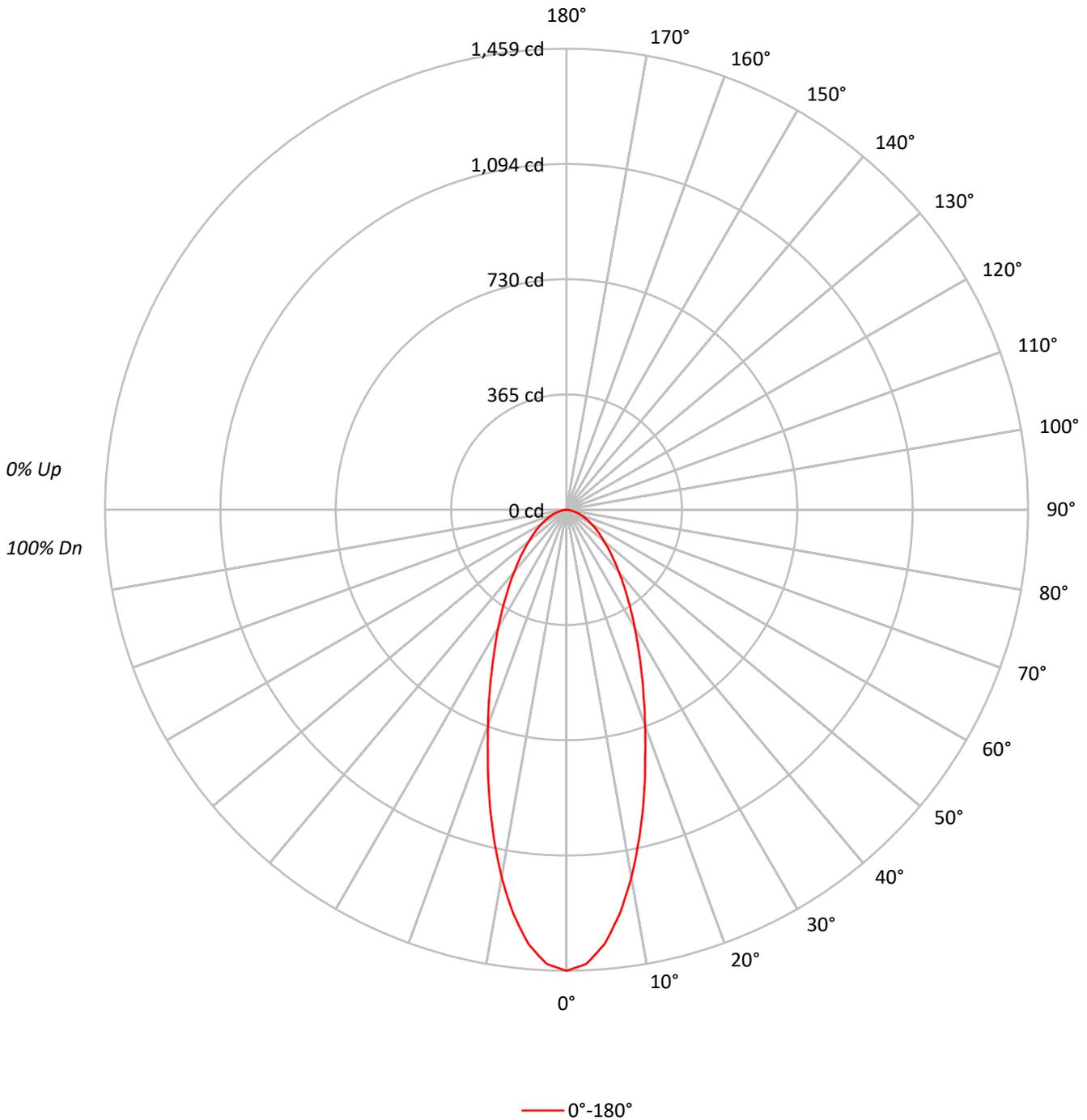
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1226.0 lumens
Efficiency: N/A
Efficacy: 44.7 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): 27.4
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
1	112	108	105	102	109	106	103	100	102	99	97	98	96	94	95	93	92	90			90
2	104	98	93	89	102	96	92	88	93	89	86	90	87	84	87	84	82	80			80
3	97	89	83	78	95	88	82	77	85	80	76	83	78	75	80	77	74	72			72
4	91	82	75	70	89	81	74	69	78	73	69	76	72	68	74	70	67	65			65
5	86	76	68	63	84	75	68	63	73	67	62	71	66	62	69	65	61	59			59
6	81	70	63	58	79	69	62	57	68	62	57	66	61	57	65	60	56	55			55
7	76	65	58	53	75	64	58	53	63	57	53	62	56	52	61	56	52	50			50
8	72	61	54	49	71	60	54	49	59	53	49	58	53	49	57	52	48	47			47
9	68	57	50	46	67	57	50	46	56	50	46	55	49	45	54	49	45	44			44
10	65	54	47	43	64	53	47	43	52	47	43	52	46	43	51	46	42	41			41

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	319887
5°	303653
10°	263010
15°	214122
20°	169181
25°	134887
30°	109359
35°	89088
40°	73795
45°	62177
50°	52638
55°	46335
60°	40611
65°	35438
70°	31095
75°	26180
80°	19447
85°	11070

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 62177 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	125.3	10.2
10°-20°	261.5	21.3
20°-30°	257.8	21.0
30°-40°	209.9	17.1
40°-50°	155.7	12.7
50°-60°	108.7	8.9
60°-70°	68.1	5.6
70°-80°	32.8	2.7
80°-90°	6.3	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°	644.6	52.6
0°-40°	854.4	69.7
0°-60°	1118.9	91.3
0°-90°	1226.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1226.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1459	
5°	1380	125
15°	943	262
25°	558	258
35°	333	210
45°	200	156
55°	121	109
65°	68	68
75°	31	33
85°	4	6
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1458.8
2.5°	1439.0
5°	1379.5
7.5°	1289.1
10°	1181.2
12.5°	1062.2
15°	943.2
17.5°	826.4
20°	725.0
22.5°	636.9
25°	557.5
27.5°	489.2
30°	431.9
32.5°	379.0
35°	332.8
37.5°	293.1
40°	257.8
42.5°	227.0
45°	200.5
47.5°	176.3
50°	154.3
52.5°	136.6
55°	121.2
57.5°	105.8
60°	92.6
62.5°	79.3
65°	68.3
67.5°	57.3
70°	48.5
72.5°	39.7
75°	30.9
77.5°	22.0
80°	15.4
82.5°	8.8
85°	4.4
87.5°	2.2
90°	0.0

(END OF REPORT)