

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: P1287147

Luminaire Tested: P3AS13R309030D2WDE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1287147
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-12)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R309030D2WDE010 E3PHLD1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R30 optic, 3000K CCT AND, 90CRI ,
E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

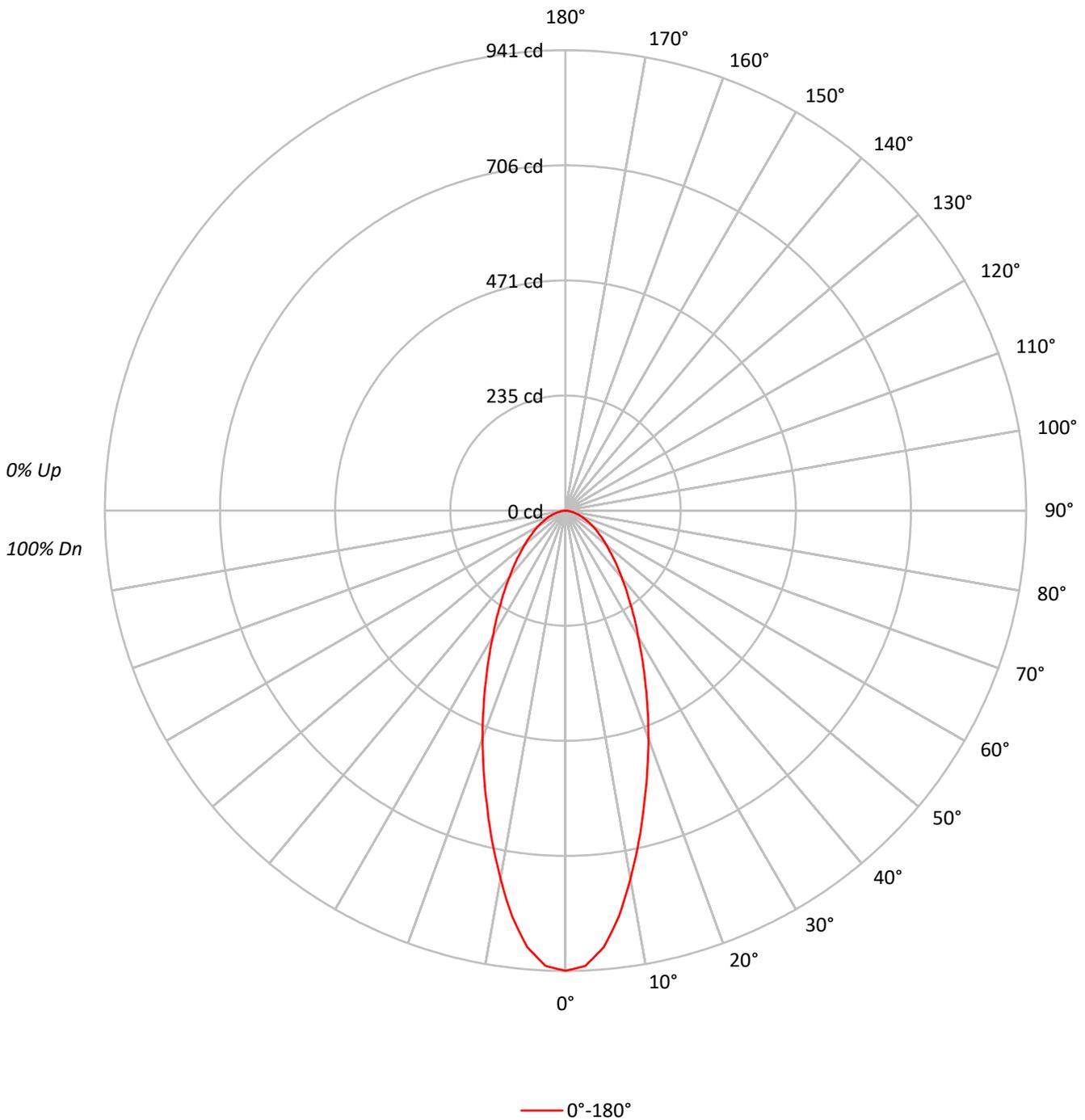
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 837.0 lumens
Efficiency: N/A
Efficacy: 41.6 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.1
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	102	102	102	100
1	112	108	105	102	109	106	103	100	102	99	97	98	96	94	94	93	91	94	93	91	90
2	104	98	93	88	102	96	91	87	93	89	85	90	86	83	87	84	82	87	84	82	80
3	97	89	83	78	95	88	82	77	85	80	76	82	78	75	80	76	73	80	76	73	71
4	91	82	75	69	89	80	74	69	78	72	68	76	71	67	74	70	66	74	70	66	65
5	85	75	68	63	84	74	67	62	72	66	62	70	65	61	69	64	61	69	64	61	59
6	80	69	62	57	79	69	62	57	67	61	56	65	60	56	64	59	56	64	59	56	54
7	76	65	57	52	74	64	57	52	62	56	52	61	56	52	60	55	51	60	55	51	50
8	71	60	53	48	70	60	53	48	58	52	48	57	52	48	56	51	48	56	51	48	46
9	68	57	50	45	66	56	49	45	55	49	45	54	49	45	53	48	44	53	48	44	43
10	64	53	47	42	63	53	46	42	52	46	42	51	46	42	50	45	42	50	45	42	40

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	206255
5°	197138
10°	170026
15°	140932
20°	115533
25°	93126
30°	75075
35°	61489
40°	51096
45°	43322
50°	37048
55°	32037
60°	28594
65°	24957
70°	21863
75°	18385
80°	13764
85°	7799

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 43322 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	81.2	9.7
10°-20°	173.1	20.7
20°-30°	177.5	21.2
30°-40°	145.1	17.3
40°-50°	108.5	13.0
50°-60°	76.2	9.1
60°-70°	48.0	5.7
70°-80°	23.1	2.8
80°-90°	4.4	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°	431.8	51.6
0°-40°	576.8	68.9
0°-60°	761.5	91.0
0°-90°	837.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	837.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	941	
5°	896	81
15°	621	173
25°	385	177
35°	230	145
45°	140	108
55°	84	76
65°	48	48
75°	22	23
85°	3	4
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	940.6
2.5°	931.3
5°	895.6
7.5°	836.6
10°	763.6
12.5°	692.2
15°	620.8
17.5°	555.7
20°	495.1
22.5°	437.7
25°	384.9
27.5°	338.4
30°	296.5
32.5°	262.3
35°	229.7
37.5°	203.3
40°	178.5
42.5°	158.3
45°	139.7
47.5°	122.6
50°	108.6
52.5°	96.2
55°	83.8
57.5°	74.5
60°	65.2
62.5°	55.9
65°	48.1
67.5°	40.4
70°	34.1
72.5°	27.9
75°	21.7
77.5°	15.5
80°	10.9
82.5°	6.2
85°	3.1
87.5°	1.6
90°	0.0

(END OF REPORT)