

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: P1275762

Luminaire Tested: P3AS09R309835DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275762
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: P3AS09R309835DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 98CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

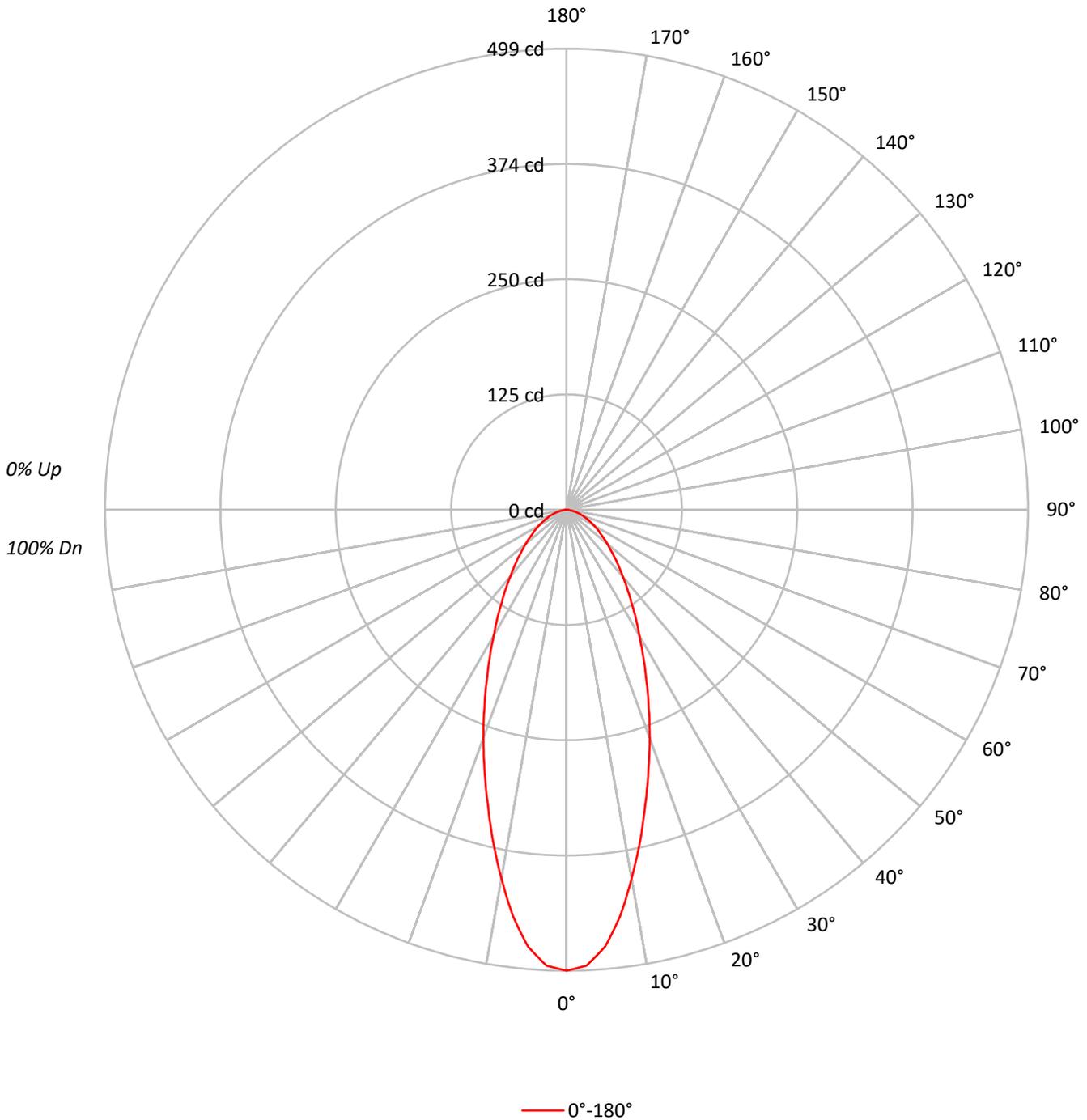
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 444.0 lumens
Efficiency: N/A
Efficacy: 40.4 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): 11
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				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	94	93	91	90				90
2	104	98	93	88	102	96	91	87	93	89	85	90	86	83	87	84	82	80				80
3	97	89	83	78	95	88	82	77	85	80	76	82	78	75	80	76	73	71				71
4	91	82	75	69	89	80	74	69	78	72	68	76	71	67	74	70	66	65				65
5	85	75	68	63	84	74	67	62	72	66	62	70	65	61	69	64	61	59				59
6	80	69	62	57	79	69	62	57	67	61	56	65	60	56	64	59	56	54				54
7	76	65	57	52	74	64	57	52	62	56	52	61	56	52	60	55	51	50				50
8	72	60	53	48	70	60	53	48	58	52	48	57	52	48	56	51	48	46				46
9	68	57	50	45	66	56	49	45	55	49	45	54	49	45	53	48	44	43				43
10	64	53	47	42	63	53	46	42	52	46	42	51	46	42	50	45	42	40				40

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	109399
5°	104578
10°	90201
15°	74756
20°	61279
25°	49406
30°	39829
35°	32632
40°	27108
45°	22979
50°	19650
55°	17013
60°	15174
65°	13231
70°	11605
75°	9743
80°	7324
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 22979 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	43.1	9.7
10°-20°	91.8	20.7
20°-30°	94.1	21.2
30°-40°	77.0	17.3
40°-50°	57.5	13.0
50°-60°	40.4	9.1
60°-70°	25.4	5.7
70°-80°	12.2	2.8
80°-90°	2.3	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°	229.0	51.6
0°-40°	306.0	68.9
0°-60°	404.0	91.0
0°-90°	444.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	444.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	499	
5°	475	43
15°	329	92
25°	204	94
35°	122	77
45°	74	58
55°	44	40
65°	26	25
75°	12	12
85°	2	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	498.9
2.5°	494.0
5°	475.1
7.5°	443.8
10°	405.1
12.5°	367.2
15°	329.3
17.5°	294.8
20°	262.6
22.5°	232.2
25°	204.2
27.5°	179.5
30°	157.3
32.5°	139.1
35°	121.9
37.5°	107.9
40°	94.7
42.5°	84.0
45°	74.1
47.5°	65.0
50°	57.6
52.5°	51.0
55°	44.5
57.5°	39.5
60°	34.6
62.5°	29.6
65°	25.5
67.5°	21.4
70°	18.1
72.5°	14.8
75°	11.5
77.5°	8.2
80°	5.8
82.5°	3.3
85°	1.6
87.5°	0.8
90°	0.0

(END OF REPORT)