

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: P1271277

Luminaire Tested: P3AS05R309827DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1271277
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: P3AS05R309827DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 2700K CCT AND, 98CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

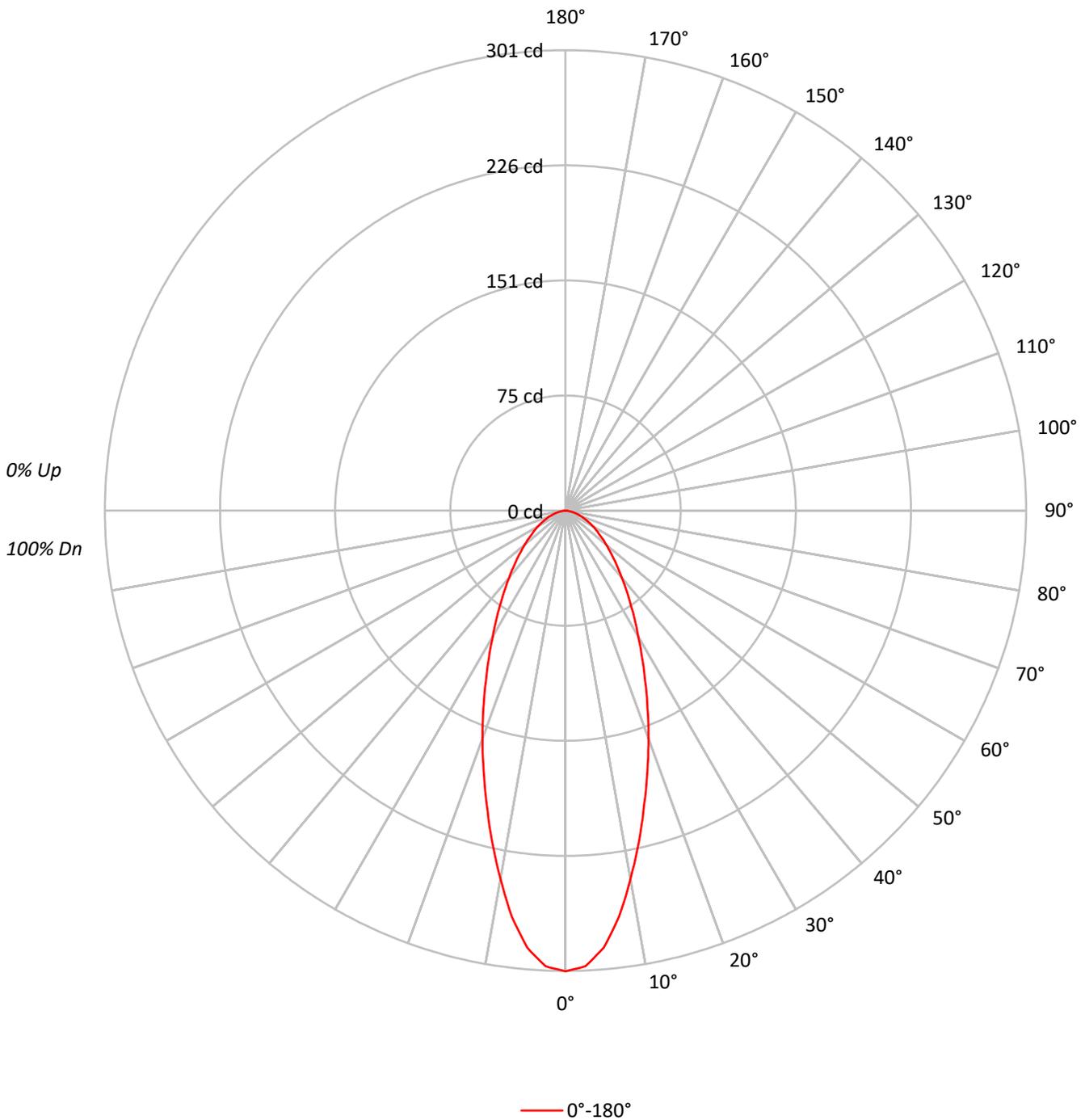
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 268.0 lumens
Efficiency: N/A
Efficacy: 37.2 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): 7.2
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	74	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°	66047
5°	63130
10°	54441
15°	45131
20°	36987
25°	29808
30°	24029
35°	19702
40°	16374
45°	13862
50°	11872
55°	10246
60°	9166
65°	7990
70°	6988
75°	5931
80°	4420
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 13862 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	26.0	9.7
10°-20°	55.4	20.7
20°-30°	56.8	21.2
30°-40°	46.5	17.3
40°-50°	34.7	13.0
50°-60°	24.4	9.1
60°-70°	15.3	5.7
70°-80°	7.4	2.8
80°-90°	1.4	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°	138.2	51.6
0°-40°	184.7	68.9
0°-60°	243.8	91.0
0°-90°	268.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	268.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	301	
5°	287	26
15°	199	55
25°	123	57
35°	74	46
45°	45	35
55°	27	24
65°	15	15
75°	7	7
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	301.2
2.5°	298.2
5°	286.8
7.5°	267.9
10°	244.5
12.5°	221.6
15°	198.8
17.5°	177.9
20°	158.5
22.5°	140.1
25°	123.2
27.5°	108.3
30°	94.9
32.5°	84.0
35°	73.6
37.5°	65.1
40°	57.2
42.5°	50.7
45°	44.7
47.5°	39.3
50°	34.8
52.5°	30.8
55°	26.8
57.5°	23.9
60°	20.9
62.5°	17.9
65°	15.4
67.5°	12.9
70°	10.9
72.5°	8.9
75°	7.0
77.5°	5.0
80°	3.5
82.5°	2.0
85°	1.0
87.5°	0.5
90°	0.0

(END OF REPORT)