

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: P1269048

Luminaire Tested: P3A05R309740DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1269048
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: P3A05R309740DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 4000K CCT AND, 97CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

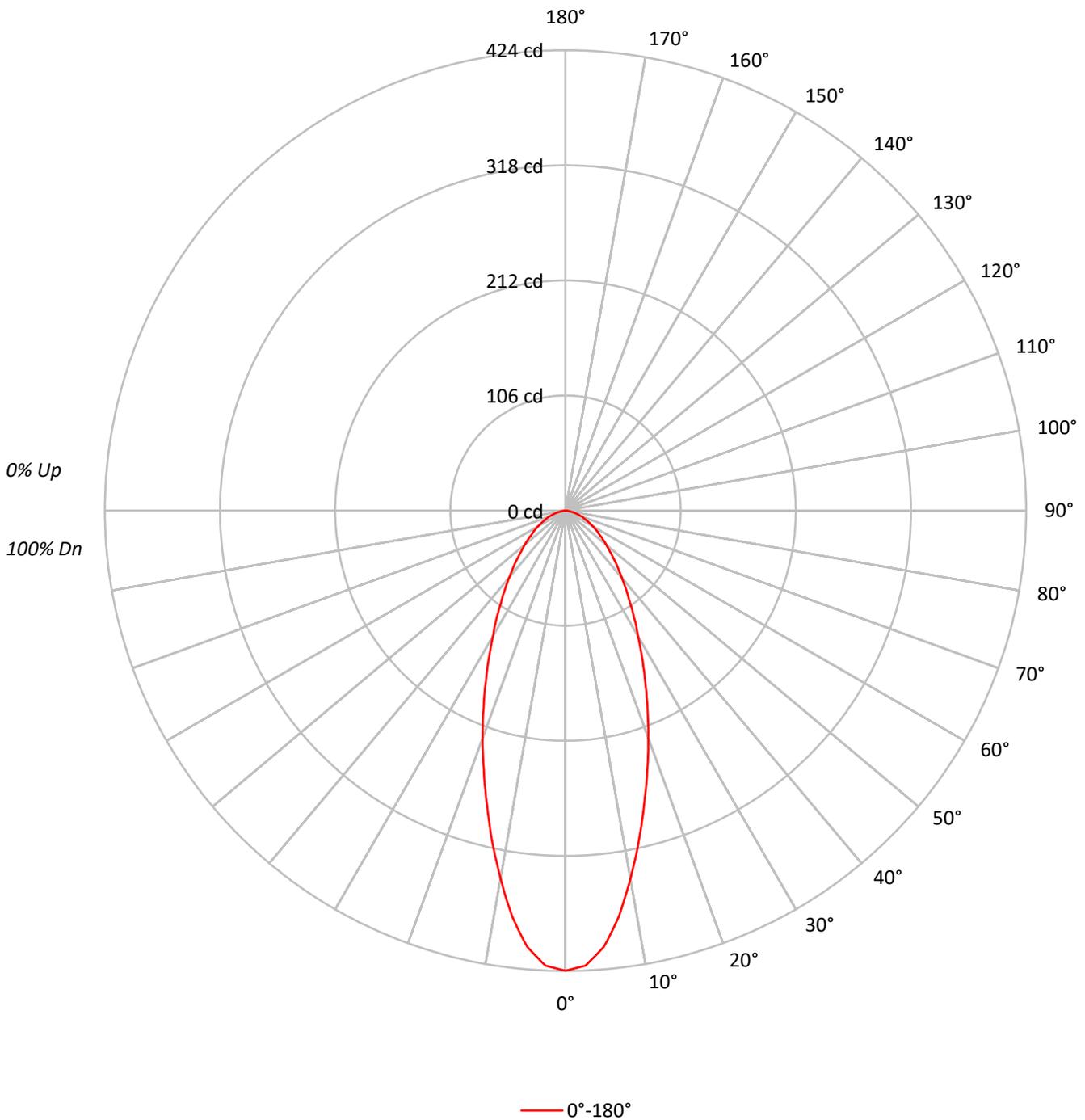
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 377.0 lumens
Efficiency: N/A
Efficacy: 52.4 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): 7.2
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	94	93	91	90		
2	104	98	93	88	102	96	91	87	93	89	85	90	86	83	87	84	82	80		
3	97	89	83	78	95	88	82	77	85	80	76	82	78	74	80	76	73	71		
4	91	82	75	69	89	80	74	69	78	72	68	76	71	67	74	70	66	65		
5	85	75	68	63	84	74	67	62	72	66	62	70	65	61	69	64	61	59		
6	80	69	62	57	79	69	62	57	67	61	56	65	60	56	64	59	56	54		
7	76	65	57	52	74	64	57	52	62	56	52	61	56	52	60	55	51	50		
8	71	60	53	48	70	60	53	48	58	52	48	57	52	48	56	51	48	46		
9	68	57	50	45	66	56	49	45	55	49	45	54	49	45	53	48	44	43		
10	64	53	47	42	63	53	46	42	52	46	42	51	46	42	50	45	42	40		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	92909
5°	88796
10°	76596
15°	63474
20°	52038
25°	41954
30°	33803
35°	27706
40°	23015
45°	19506
50°	16682
55°	14451
60°	12894
65°	11259
70°	9873
75°	8303
80°	6188
85°	3522

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 19506 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	36.6	9.7
10°-20°	78.0	20.7
20°-30°	79.9	21.2
30°-40°	65.3	17.3
40°-50°	48.9	13.0
50°-60°	34.3	9.1
60°-70°	21.6	5.7
70°-80°	10.4	2.8
80°-90°	2.0	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°	194.5	51.6
0°-40°	259.8	68.9
0°-60°	343.0	91.0
0°-90°	377.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	377.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	424	
5°	403	37
15°	280	78
25°	173	80
35°	104	65
45°	63	49
55°	38	34
65°	22	22
75°	10	10
85°	1	2
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	423.7
2.5°	419.5
5°	403.4
7.5°	376.8
10°	344.0
12.5°	311.8
15°	279.6
17.5°	250.3
20°	223.0
22.5°	197.1
25°	173.4
27.5°	152.4
30°	133.5
32.5°	118.1
35°	103.5
37.5°	91.6
40°	80.4
42.5°	71.3
45°	62.9
47.5°	55.2
50°	48.9
52.5°	43.3
55°	37.8
57.5°	33.6
60°	29.4
62.5°	25.2
65°	21.7
67.5°	18.2
70°	15.4
72.5°	12.6
75°	9.8
77.5°	7.0
80°	4.9
82.5°	2.8
85°	1.4
87.5°	0.7
90°	0.0

(END OF REPORT)