

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: P1261757

Luminaire Tested: P3AS05R109727DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261757
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-5)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R109727DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R10 optic, 2700K CCT AND, 97CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

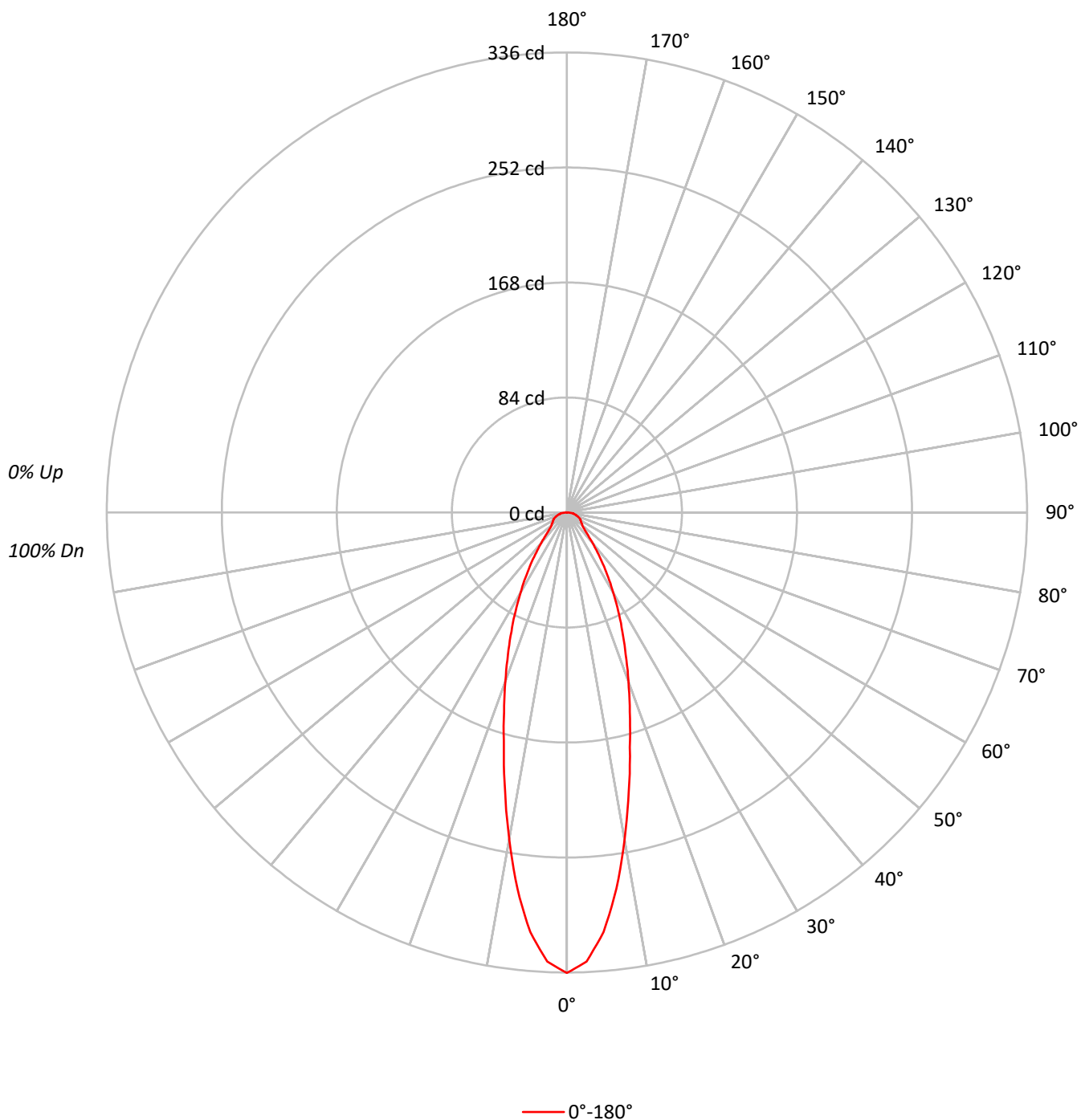
Lumens per Lamp: N/A
Luminaire Lumens: 197.0 lumens
Efficiency: N/A
Efficacy: 24.9 lumens/watt
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.6
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.9
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
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	95	93	92	90		
2	105	99	94	90	102	97	92	89	94	90	87	91	87	85	88	85	83	81		
3	99	91	85	80	96	89	84	80	87	82	78	84	80	77	82	79	76	74		
4	93	84	78	73	91	83	77	72	81	76	71	79	74	71	77	73	70	68		
5	88	78	72	67	86	77	71	67	76	70	66	74	69	65	72	68	65	63		
6	83	73	67	62	82	73	66	62	71	65	61	70	65	61	68	64	60	59		
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55		
8	75	65	59	54	74	65	58	54	63	58	54	62	57	54	61	57	53	52		
9	72	62	55	51	71	61	55	51	60	55	51	59	54	51	58	54	50	49		
10	69	59	52	48	68	58	52	48	57	52	48	56	51	48	56	51	48	46		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	73744
5°	67708
10°	53951
15°	40318
20°	30616
25°	23179
30°	17142
35°	12260
40°	8387
45°	5861
50°	4981
55°	4893
60°	5087
65°	5396
70°	5450
75°	5676
80°	6188
85°	6038

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 7224 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	27.2	13.8
10°-20°	49.8	25.3
20°-30°	44.1	22.4
30°-40°	28.9	14.7
40°-50°	15.4	7.8
50°-60°	11.7	5.9
60°-70°	10.1	5.1
70°-80°	6.9	3.5
80°-90°	2.8	1.4
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°	121.2	61.5
0°-40°	150.1	76.2
0°-60°	177.2	89.9
0°-90°	197.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	197.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	336	
5°	308	27
15°	178	50
25°	96	44
35°	46	29
45°	19	15
55°	13	12
65°	10	10
75°	7	7
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	336.3
2.5°	328.3
5°	307.6
7.5°	277.1
10°	242.3
12.5°	208.7
15°	177.6
17.5°	152.6
20°	131.2
22.5°	112.3
25°	95.8
27.5°	81.2
30°	67.7
32.5°	56.1
35°	45.8
37.5°	36.6
40°	29.3
42.5°	23.2
45°	18.9
47.5°	16.5
50°	14.6
52.5°	14.0
55°	12.8
57.5°	12.2
60°	11.6
62.5°	11.0
65°	10.4
67.5°	9.2
70°	8.5
72.5°	7.3
75°	6.7
77.5°	5.5
80°	4.9
82.5°	4.3
85°	2.4
87.5°	1.2
90°	0.0

(END OF REPORT)