

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: P1261790

Luminaire Tested: P3AS05R129727DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261790
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: P3AS05R129727DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R12 optic, 2700K CCT AND, 97CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

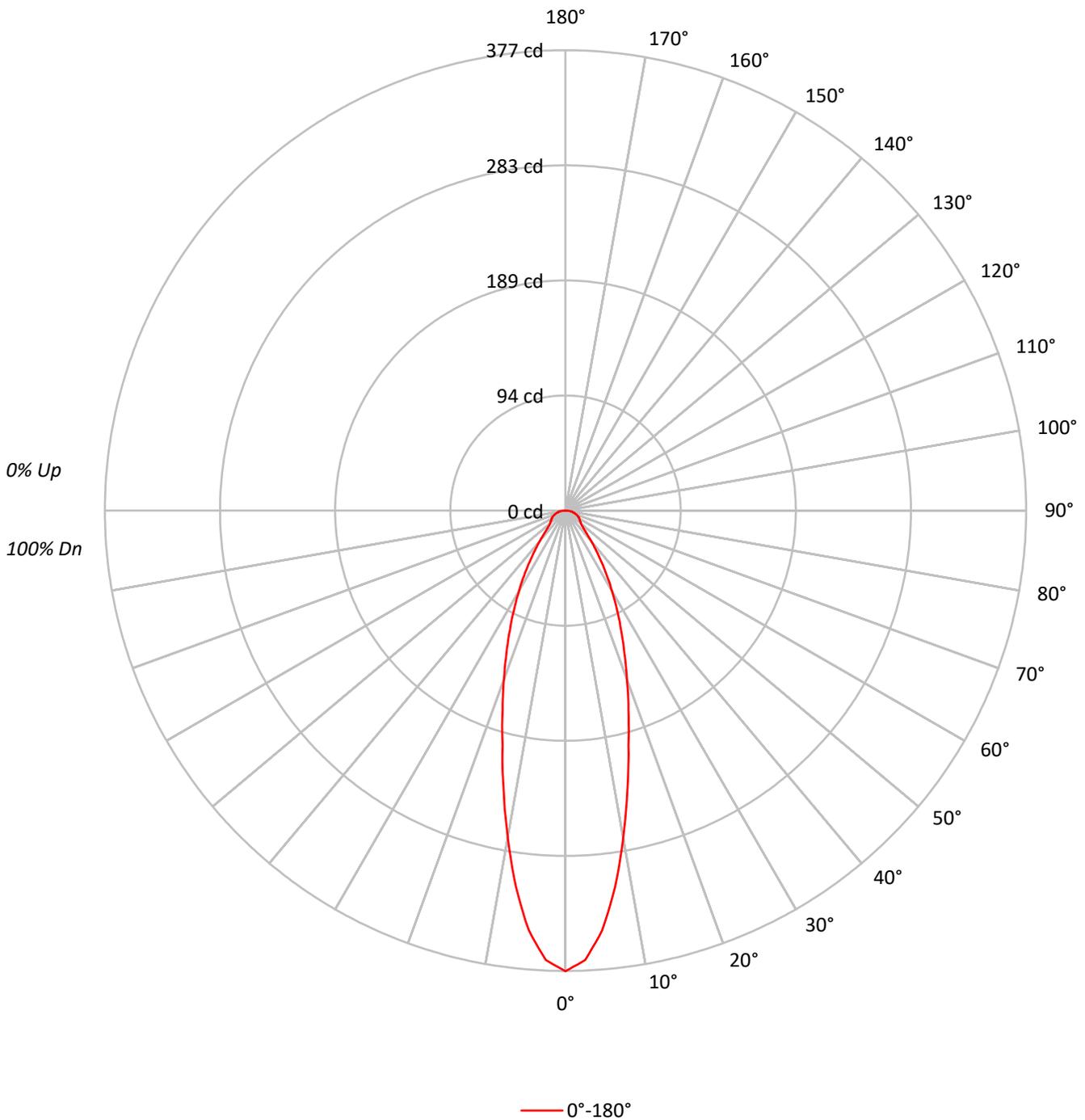
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 221.0 lumens
Efficiency: N/A
Efficacy: 29.1 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): 7.6
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	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	95	93	92	92	92	92	90
2	105	99	94	90	102	97	92	89	94	90	87	91	87	85	88	85	83	83	83	83	81
3	99	91	85	80	96	89	84	80	87	82	78	84	80	77	82	79	76	76	76	76	74
4	93	84	78	73	91	83	77	72	81	76	71	79	74	71	77	73	70	70	70	70	68
5	88	78	72	67	86	77	71	67	76	70	66	74	69	65	72	68	65	65	65	65	63
6	83	73	67	62	82	73	66	62	71	65	61	70	65	61	68	64	60	60	60	60	59
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	57	57	57	55
8	75	65	59	54	74	65	58	54	63	58	54	62	57	54	61	57	53	53	53	53	52
9	72	62	55	51	71	61	55	51	60	55	51	59	54	51	58	54	50	50	50	50	49
10	69	59	52	48	68	58	52	48	57	52	48	56	51	48	56	51	48	48	48	48	46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	82713
5°	75941
10°	60520
15°	45222
20°	34350
25°	26010
30°	19243
35°	13733
40°	9418
45°	6574
50°	5595
55°	5505
60°	5701
65°	6019
70°	6155
75°	6354
80°	6945
85°	6793

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 82.5°
 Luminance: 8064 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	30.6	13.8
10°-20°	55.9	25.3
20°-30°	49.5	22.4
30°-40°	32.4	14.7
40°-50°	17.3	7.8
50°-60°	13.1	5.9
60°-70°	11.3	5.1
70°-80°	7.8	3.5
80°-90°	3.2	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°	136.0	61.5
0°-40°	168.4	76.2
0°-60°	198.8	89.9
0°-90°	221.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	221.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	377	
5°	345	31
15°	199	56
25°	108	50
35°	51	32
45°	21	17
55°	14	13
65°	12	11
75°	8	8
85°	3	3
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	377.2
2.5°	368.3
5°	345.0
7.5°	310.8
10°	271.8
12.5°	234.1
15°	199.2
17.5°	171.2
20°	147.2
22.5°	126.0
25°	107.5
27.5°	91.1
30°	76.0
32.5°	63.0
35°	51.3
37.5°	41.1
40°	32.9
42.5°	26.0
45°	21.2
47.5°	18.5
50°	16.4
52.5°	15.7
55°	14.4
57.5°	13.7
60°	13.0
62.5°	12.3
65°	11.6
67.5°	10.3
70°	9.6
72.5°	8.2
75°	7.5
77.5°	6.2
80°	5.5
82.5°	4.8
85°	2.7
87.5°	1.4
90°	0.0

(END OF REPORT)