

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: P1261880

Luminaire Tested: P3AS05R259727DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261880
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-7)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R259727DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 97CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

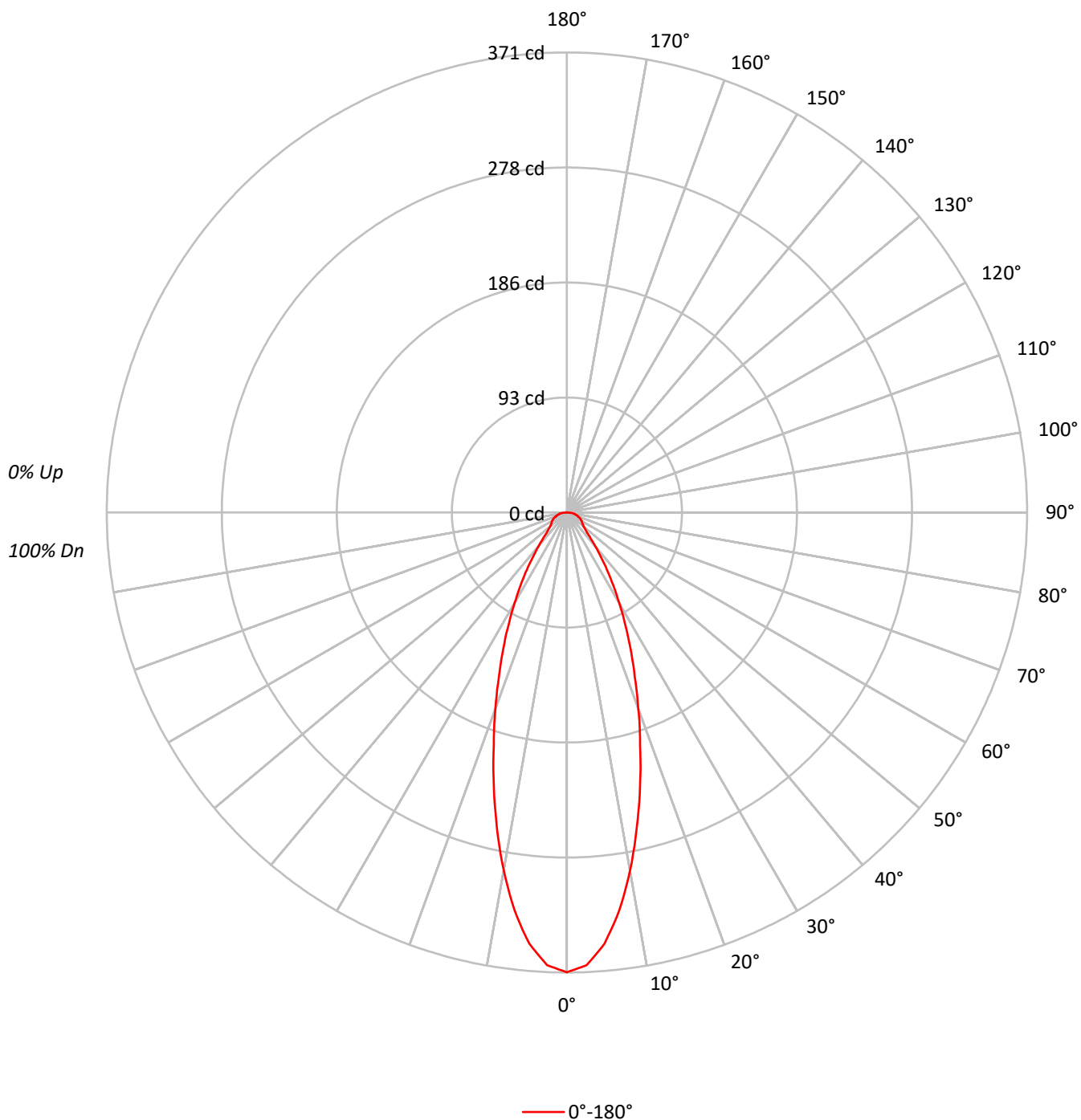
Lumens per Lamp: N/A
Luminaire Lumens: 242.0 lumens
Efficiency: N/A
Efficacy: 33.6 lumens/watt
Spacing Criteria (0/90/45): 0.59 / 0.59 / 0.65
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1261880

CATALOG NUMBER: P3AS05R259727DE010 E3PHLP1MW

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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	112	108	105	102	109	106	103	101	102	100	97		98	96	95		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	97	90	84	80	87	82	78		84	80	77		82
4	93	84	78	73	91	83	77	73	81	76	72		79	74	71		77
5	88	79	72	67	86	78	71	67	76	70	66		74	69	66		72
6	84	74	67	62	82	73	66	62	71	66	61		70	65	61		68
7	79	69	63	58	78	68	62	58	67	61	57		66	61	57		65
8	76	65	59	54	74	65	58	54	63	58	54		62	57	54		61
9	72	62	55	51	71	61	55	51	60	55	51		59	54	51		58
10	69	59	52	48	68	58	52	48	57	52	48		56	51	48		56

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	81309
5°	76821
10°	65307
15°	51714
20°	39297
25°	29324
30°	21320
35°	15071
40°	10219
45°	7133
50°	6004
55°	5773
60°	6096
65°	6278
70°	6219
75°	6693
80°	7703
85°	7548

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°	31.5	13.0
10°-20°	63.1	26.1
20°-30°	55.8	23.1
30°-40°	35.6	14.7
40°-50°	18.8	7.8
50°-60°	13.8	5.7
60°-70°	11.8	4.9
70°-80°	8.3	3.4
80°-90°	3.3	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°	150.4	62.2
0°-40°	185.9	76.8
0°-60°	218.6	90.3
0°-90°	242.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	242.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	371	
5°	349	32
15°	228	63
25°	121	56
35°	56	36
45°	23	19
55°	15	14
65°	12	12
75°	8	8
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	370.8
2.5°	365.4
5°	349.0
7.5°	323.6
10°	293.3
12.5°	260.5
15°	227.8
17.5°	196.3
20°	168.4
22.5°	143.0
25°	121.2
27.5°	101.8
30°	84.2
32.5°	69.1
35°	56.3
37.5°	44.8
40°	35.7
42.5°	28.5
45°	23.0
47.5°	20.0
50°	17.6
52.5°	16.4
55°	15.1
57.5°	14.5
60°	13.9
62.5°	12.7
65°	12.1
67.5°	10.9
70°	9.7
72.5°	9.1
75°	7.9
77.5°	6.7
80°	6.1
82.5°	4.8
85°	3.0
87.5°	1.2
90°	0.0

(END OF REPORT)