

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: P1262258

Luminaire Tested: P3AS09R259727DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1262258
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: P3AS09R259727DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 97CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

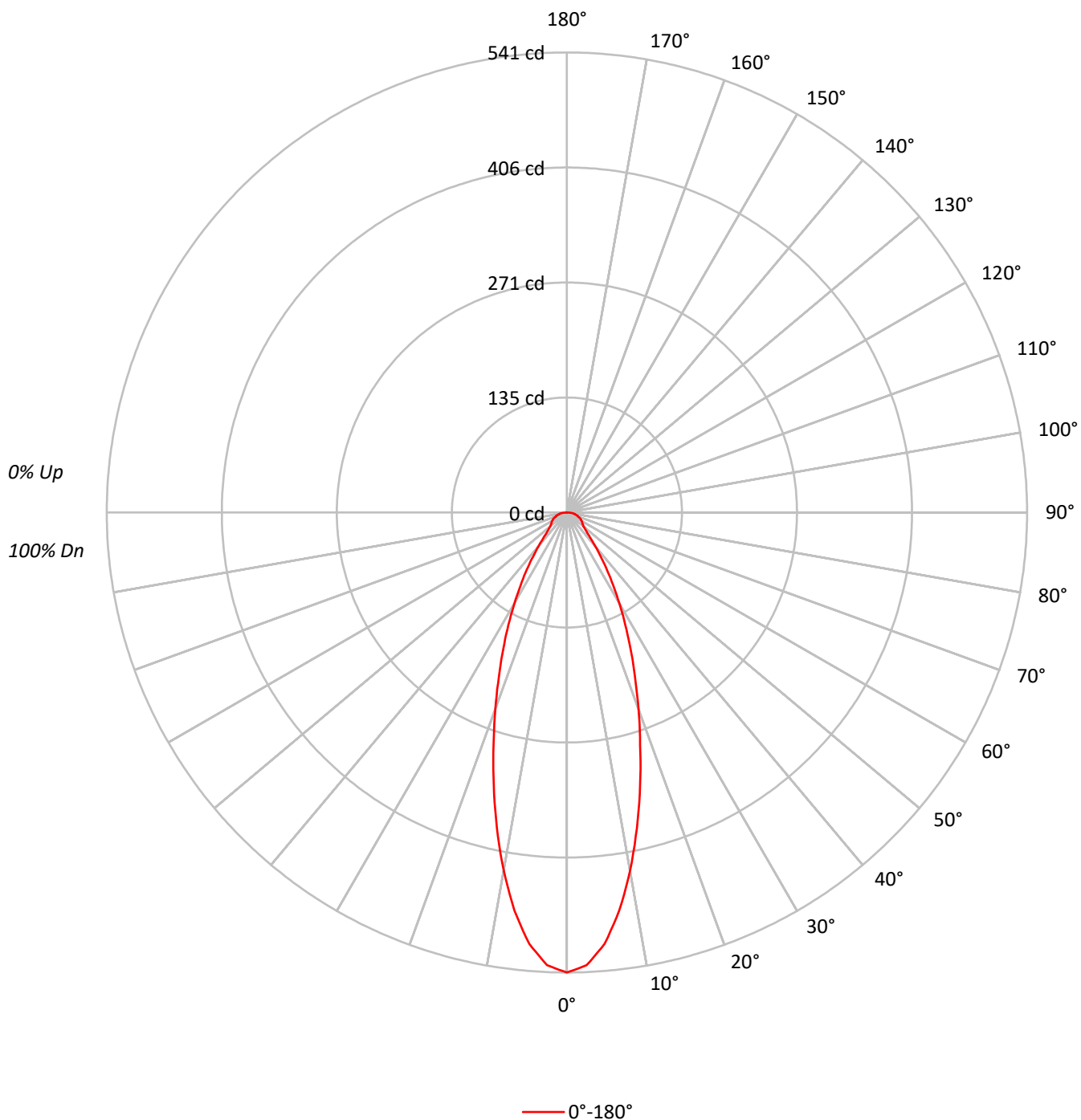
Lumens per Lamp: N/A
Luminaire Lumens: 353.0 lumens
Efficiency: N/A
Efficacy: 31.8 lumens/watt
Spacing Criteria (0/90/45): 0.59 / 0.59 / 0.65
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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: P1262258

CATALOG NUMBER: P3AS09R259727DE010 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°	118609
5°	112062
10°	95255
15°	75437
20°	57335
25°	42777
30°	31119
35°	22004
40°	14914
45°	10420
50°	8733
55°	8449
60°	8903
65°	9184
70°	9040
75°	9743
80°	11113
85°	11070

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 11928 cd/sqm

TEST NUMBER: P1262258

CATALOG NUMBER: P3AS09R259727DE010 E3PHLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	46.0	13.0
10°-20°	92.0	26.1
20°-30°	81.5	23.1
30°-40°	51.9	14.7
40°-50°	27.4	7.8
50°-60°	20.2	5.7
60°-70°	17.2	4.9
70°-80°	12.1	3.4
80°-90°	4.8	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°	219.4	62.1
0°-40°	271.3	76.8
0°-60°	318.9	90.3
0°-90°	353.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	353.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	541	
5°	509	46
15°	332	92
25°	177	81
35°	82	52
45°	34	27
55°	22	20
65°	18	17
75°	12	12
85°	4	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	540.9
2.5°	532.9
5°	509.1
7.5°	472.0
10°	427.8
12.5°	380.0
15°	332.3
17.5°	286.4
20°	245.7
22.5°	208.6
25°	176.8
27.5°	148.5
30°	122.9
32.5°	100.8
35°	82.2
37.5°	65.4
40°	52.1
42.5°	41.5
45°	33.6
47.5°	29.2
50°	25.6
52.5°	23.9
55°	22.1
57.5°	21.2
60°	20.3
62.5°	18.6
65°	17.7
67.5°	15.9
70°	14.1
72.5°	13.3
75°	11.5
77.5°	9.7
80°	8.8
82.5°	7.1
85°	4.4
87.5°	1.8
90°	0.0

(END OF REPORT)