

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: P1275731

Luminaire Tested: P3AS09R259835DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275731
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: P3AS09R259835DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 98CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

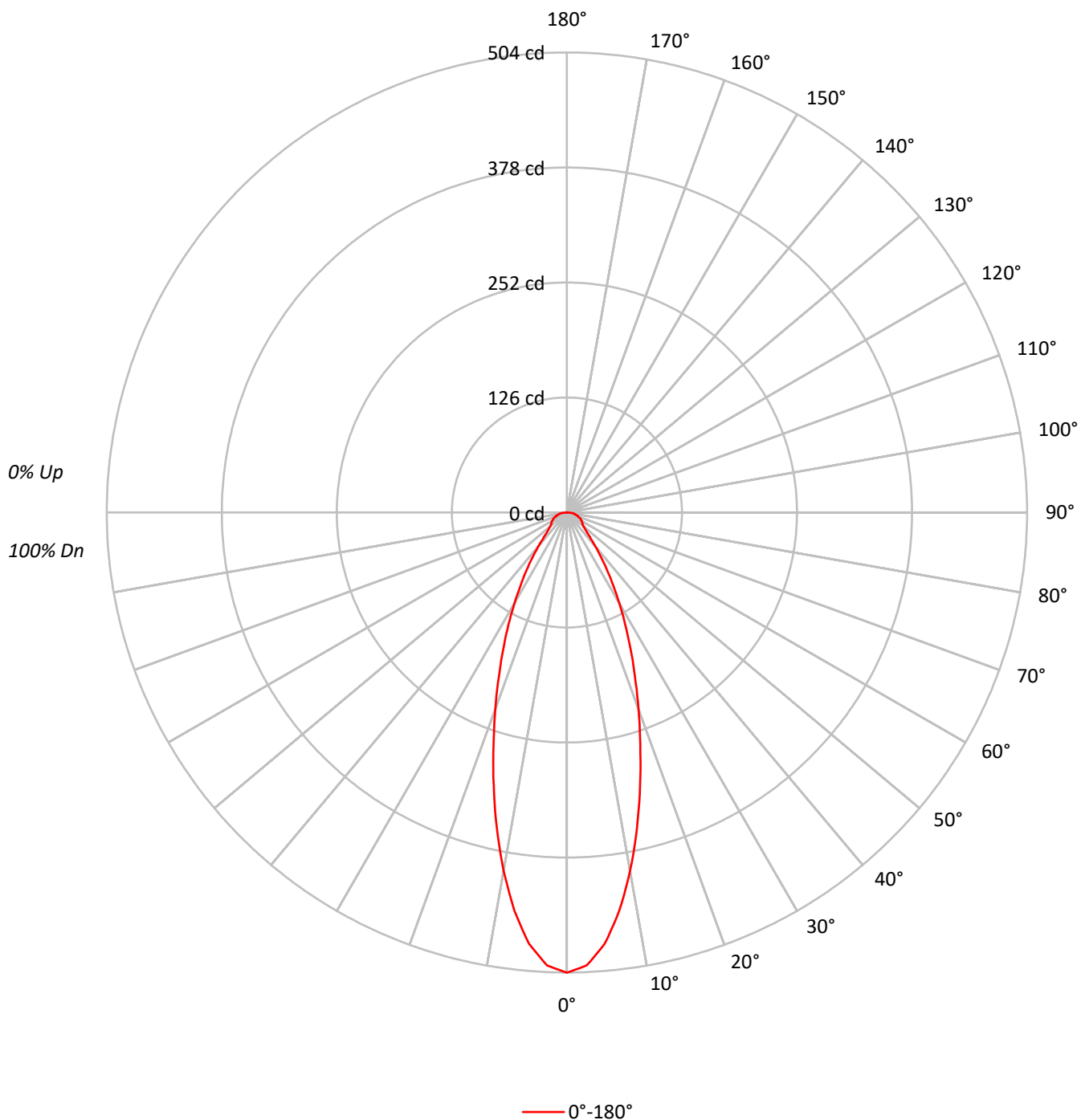
Lumens per Lamp: N/A
Luminaire Lumens: 329.0 lumens
Efficiency: N/A
Efficacy: 29.9 lumens/watt
Spacing Criteria (0/90/45): 0.59 / 0.59 / 0.65
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11
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
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°	110539
5°	104446
10°	88776
15°	70307
20°	53438
25°	39849
30°	28992
35°	20505
40°	13912
45°	9706
50°	8153
55°	7875
60°	8289
65°	8561
70°	8463
75°	9065
80°	10355
85°	10315

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 11088 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	42.8	13.0
10°-20°	85.7	26.1
20°-30°	75.9	23.1
30°-40°	48.4	14.7
40°-50°	25.6	7.8
50°-60°	18.8	5.7
60°-70°	16.0	4.9
70°-80°	11.3	3.4
80°-90°	4.5	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°	204.5	62.1
0°-40°	252.8	76.8
0°-60°	297.2	90.3
0°-90°	329.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	329.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	504	
5°	474	43
15°	310	86
25°	165	76
35°	77	48
45°	31	26
55°	21	19
65°	16	16
75°	11	11
85°	4	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	504.1
2.5°	496.7
5°	474.5
7.5°	439.9
10°	398.7
12.5°	354.2
15°	309.7
17.5°	266.9
20°	229.0
22.5°	194.4
25°	164.7
27.5°	138.4
30°	114.5
32.5°	93.9
35°	76.6
37.5°	61.0
40°	48.6
42.5°	38.7
45°	31.3
47.5°	27.2
50°	23.9
52.5°	22.2
55°	20.6
57.5°	19.8
60°	18.9
62.5°	17.3
65°	16.5
67.5°	14.8
70°	13.2
72.5°	12.4
75°	10.7
77.5°	9.1
80°	8.2
82.5°	6.6
85°	4.1
87.5°	1.6
90°	0.0

(END OF REPORT)