

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: P1251451

Luminaire Tested: P3AS09R109030DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1251451
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: P3AS09R109030DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R10 optic, 3000K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

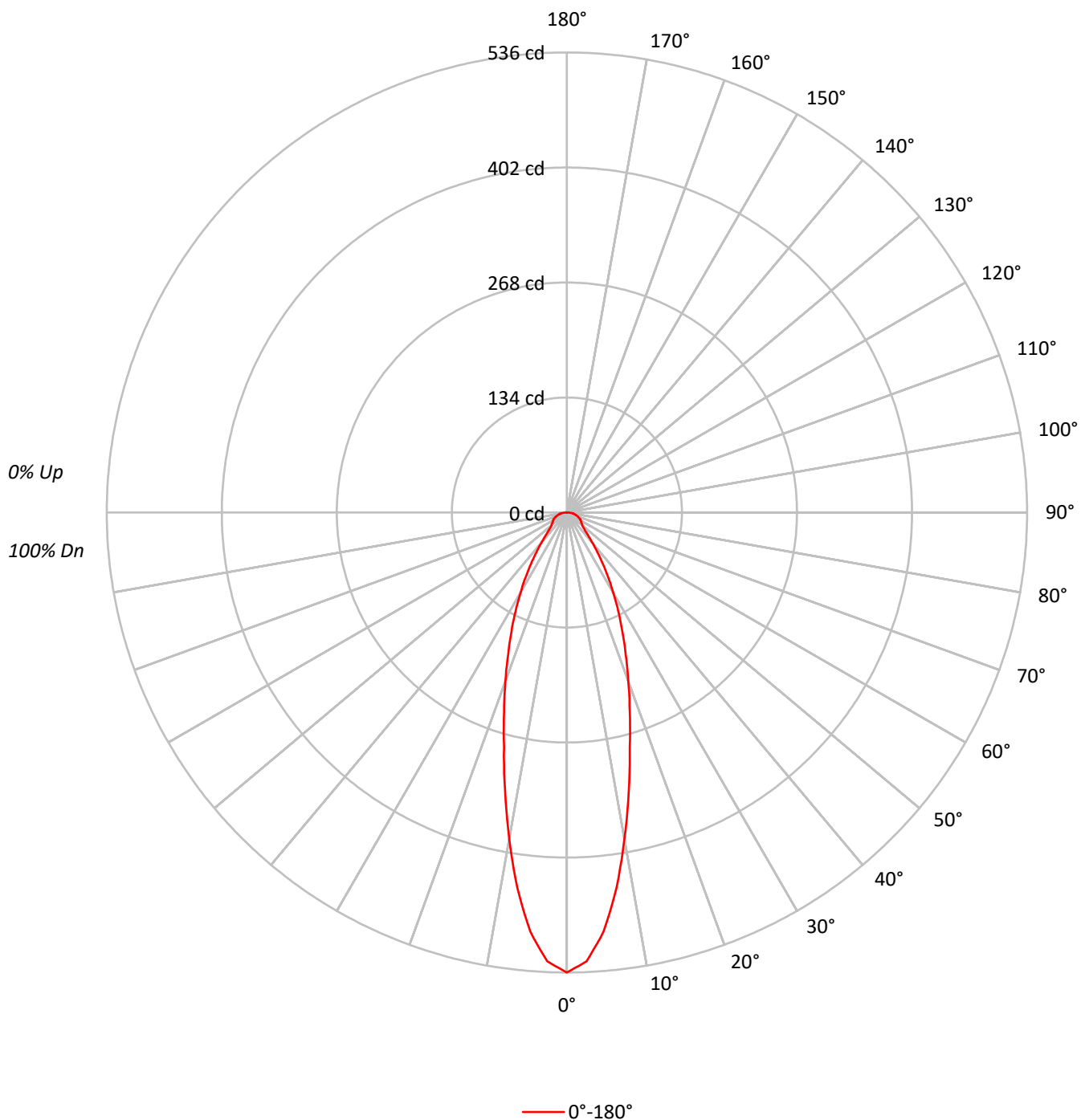
Lumens per Lamp: N/A
Luminaire Lumens: 314.1 lumens
Efficiency: N/A
Efficacy: 25.1 lumens/watt
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.6
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 12.5
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	100	102	99	97		98	96	94		95
2	105	99	94	90	102	97	92	89	94	90	87		91	87	85		88
3	99	91	85	80	96	89	84	80	87	82	78		84	80	77		82
4	93	84	78	73	91	83	77	72	81	76	71		79	74	71		77
5	88	78	72	67	86	77	71	67	76	70	66		74	69	65		72
6	83	73	67	62	82	73	66	62	71	65	61		70	65	61		68
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	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°	117534
5°	107902
10°	85993
15°	64268
20°	48794
25°	36946
30°	27346
35°	19542
40°	13368
45°	9365
50°	7949
55°	7799
60°	8113
65°	8561
70°	8719
75°	9065
80°	9850
85°	9812

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 82.5°
Luminance: 11424 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	43.4	13.8
10°-20°	79.4	25.3
20°-30°	70.3	22.4
30°-40°	46.1	14.7
40°-50°	24.6	7.8
50°-60°	18.6	5.9
60°-70°	16.0	5.1
70°-80°	11.1	3.5
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°	193.2	61.5
0°-40°	239.2	76.2
0°-60°	282.5	90.0
0°-90°	314.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	314.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	536	
5°	490	43
15°	283	79
25°	153	70
35°	73	46
45°	30	25
55°	20	19
65°	16	16
75°	11	11
85°	4	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	536.0
2.5°	523.3
5°	490.2
7.5°	441.6
10°	386.2
12.5°	332.7
15°	283.1
17.5°	243.2
20°	209.1
22.5°	179.0
25°	152.7
27.5°	129.4
30°	108.0
32.5°	89.5
35°	73.0
37.5°	58.4
40°	46.7
42.5°	37.0
45°	30.2
47.5°	26.3
50°	23.3
52.5°	22.4
55°	20.4
57.5°	19.5
60°	18.5
62.5°	17.5
65°	16.5
67.5°	14.6
70°	13.6
72.5°	11.7
75°	10.7
77.5°	8.8
80°	7.8
82.5°	6.8
85°	3.9
87.5°	1.9
90°	0.0

(END OF REPORT)