

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: P1251573

Luminaire Tested: P3AS09R309030DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1251573
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-8)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R309030DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

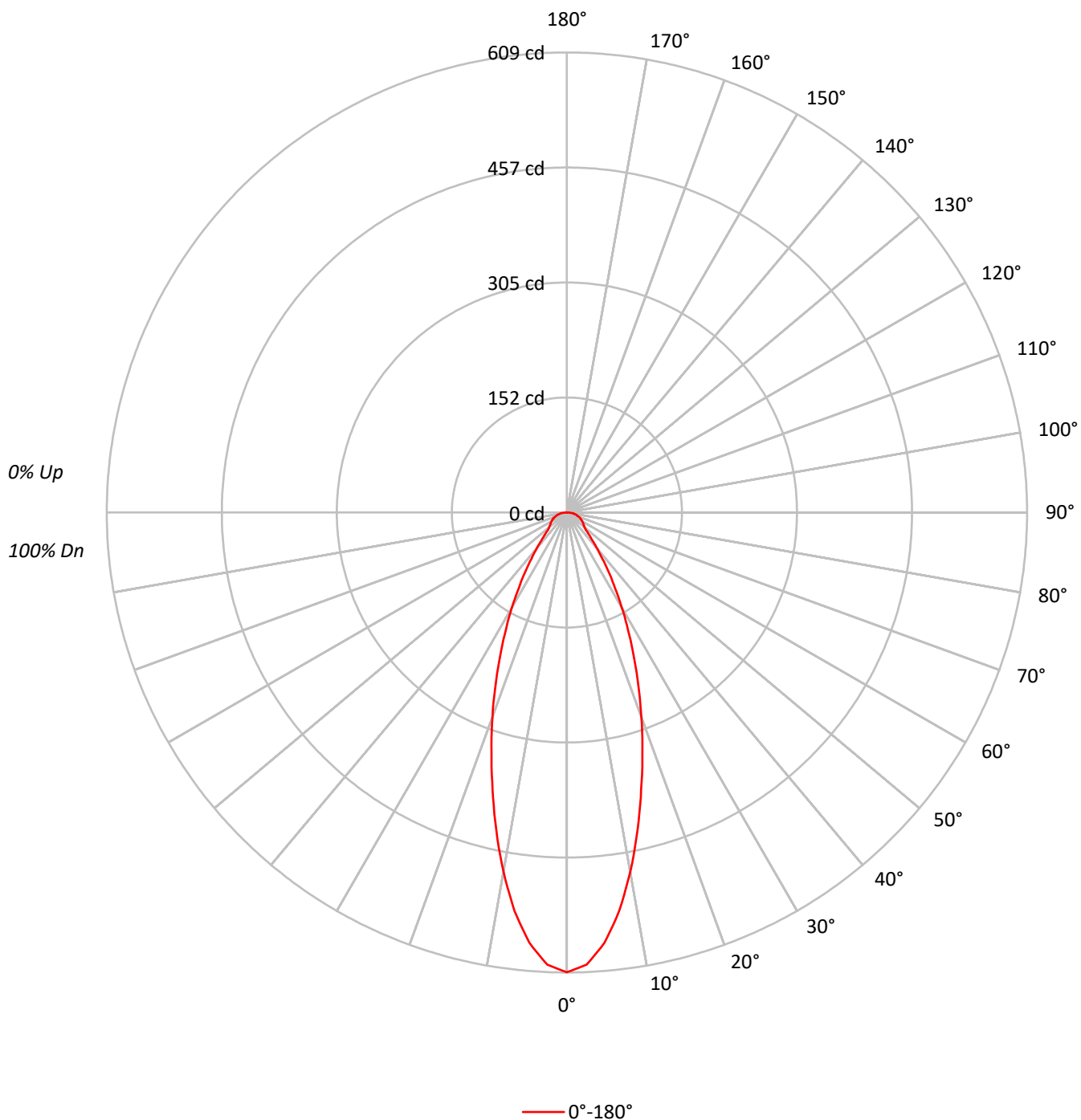
Lumens per Lamp: N/A
Luminaire Lumens: 411.0 lumens
Efficiency: N/A
Efficacy: 37.0 lumens/watt
Spacing Criteria (0/90/45): 0.6 / 0.6 / 0.67
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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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	94		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	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	66	75	70	66		74	69	65		72
6	83	73	67	62	82	72	66	62	71	65	61		69	64	61		68
7	79	69	62	57	78	68	62	57	67	61	57		66	60	57		64
8	75	65	58	54	74	64	58	54	63	57	53		62	57	53		61
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		58
10	68	58	52	48	67	58	52	48	57	51	48		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	133454
5°	125820
10°	107546
15°	86198
20°	67183
25°	50519
30°	36841
35°	25966
40°	17805
45°	12746
50°	10439
55°	10093
60°	10175
65°	10377
70°	10835
75°	11607
80°	11996
85°	13335

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 14112 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	51.7	12.6
10°-20°	105.5	25.7
20°-30°	96.1	23.4
30°-40°	61.2	14.9
40°-50°	32.7	8.0
50°-60°	24.0	5.8
60°-70°	20.1	4.9
70°-80°	14.1	3.4
80°-90°	5.6	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°	253.3	61.6
0°-40°	314.5	76.5
0°-60°	371.2	90.3
0°-90°	411.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	411.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	609	
5°	572	52
15°	380	106
25°	209	96
35°	97	61
45°	41	33
55°	26	24
65°	20	20
75°	14	14
85°	5	6
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	608.6
2.5°	599.1
5°	571.6
7.5°	531.6
10°	483.0
12.5°	431.4
15°	379.7
17.5°	332.2
20°	287.9
22.5°	246.8
25°	208.8
27.5°	175.1
30°	145.5
32.5°	118.1
35°	97.0
37.5°	77.0
40°	62.2
42.5°	49.6
45°	41.1
47.5°	33.7
50°	30.6
52.5°	28.5
55°	26.4
57.5°	25.3
60°	23.2
62.5°	22.1
65°	20.0
67.5°	19.0
70°	16.9
72.5°	14.8
75°	13.7
77.5°	11.6
80°	9.5
82.5°	8.4
85°	5.3
87.5°	2.1
90°	0.0

(END OF REPORT)