

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: P1256611

Luminaire Tested: P3AS05R309040DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1256611
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: P3AS05R309040DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 4000K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

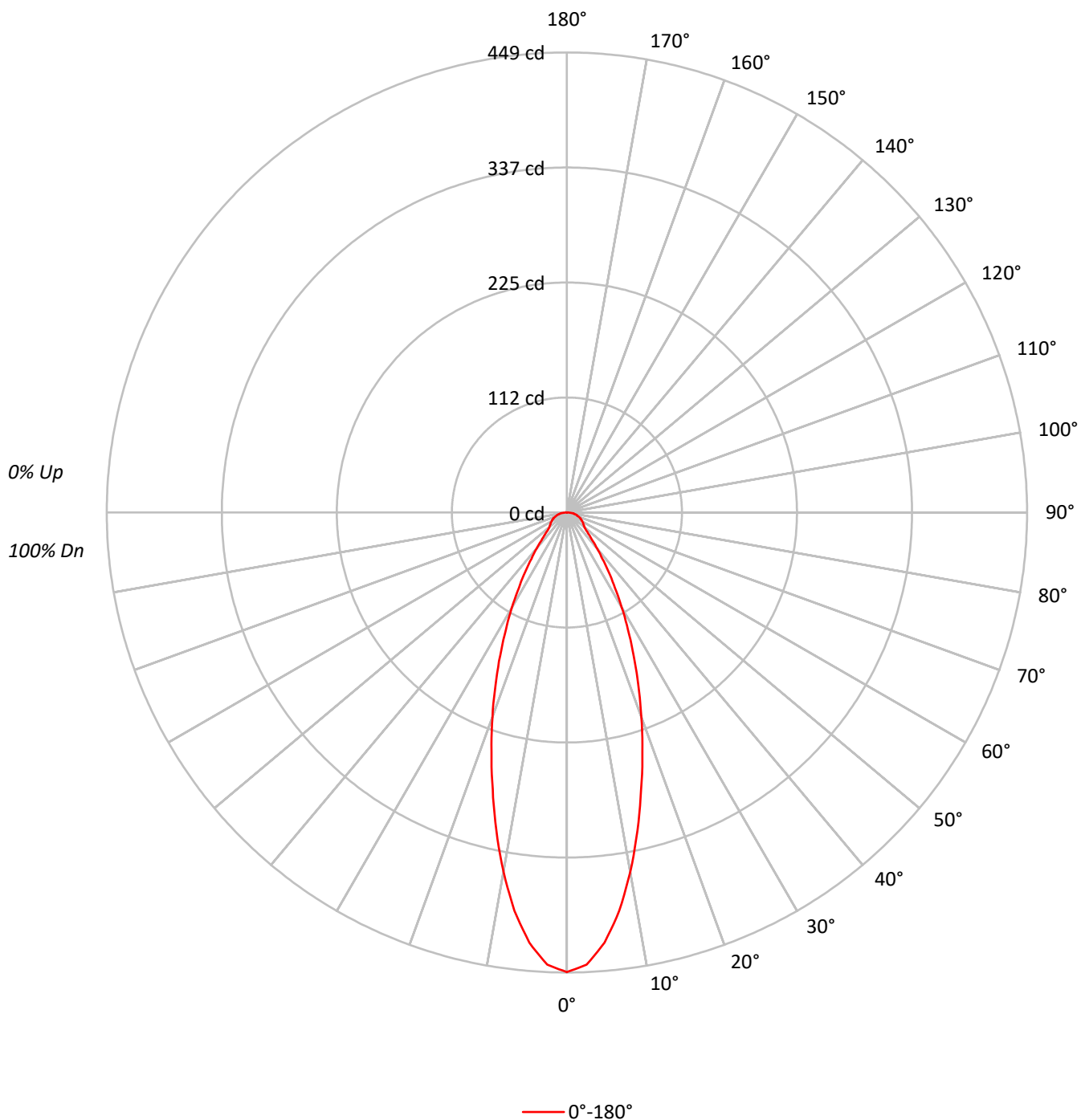
Lumens per Lamp: N/A
Luminaire Lumens: 303.0 lumens
Efficiency: N/A
Efficacy: 42.1 lumens/watt
Spacing Criteria (0/90/45): 0.6 / 0.6 / 0.67
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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

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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°	98369
5°	92758
10°	79290
15°	63542
20°	49541
25°	37260
30°	27169
35°	19140
40°	13139
45°	9396
50°	7676
55°	7417
60°	7499
65°	7679
70°	7950
75°	8557
80°	8840
85°	9812

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 10416 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	38.1	12.6
10°-20°	77.8	25.7
20°-30°	70.9	23.4
30°-40°	45.1	14.9
40°-50°	24.1	8.0
50°-60°	17.7	5.8
60°-70°	14.8	4.9
70°-80°	10.4	3.4
80°-90°	4.1	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°	186.8	61.6
0°-40°	231.9	76.5
0°-60°	273.7	90.3
0°-90°	303.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	303.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	449	
5°	421	38
15°	280	78
25°	154	71
35°	72	45
45°	30	24
55°	19	18
65°	15	15
75°	10	10
85°	4	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	448.6
2.5°	441.6
5°	421.4
7.5°	391.9
10°	356.1
12.5°	318.0
15°	279.9
17.5°	244.9
20°	212.3
22.5°	181.9
25°	154.0
27.5°	129.1
30°	107.3
32.5°	87.1
35°	71.5
37.5°	56.8
40°	45.9
42.5°	36.5
45°	30.3
47.5°	24.9
50°	22.5
52.5°	21.0
55°	19.4
57.5°	18.7
60°	17.1
62.5°	16.3
65°	14.8
67.5°	14.0
70°	12.4
72.5°	10.9
75°	10.1
77.5°	8.6
80°	7.0
82.5°	6.2
85°	3.9
87.5°	1.6
90°	0.0

(END OF REPORT)