

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: P1256521

Luminaire Tested: P3AS05R159040DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1256521
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: P3AS05R159040DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 4000K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

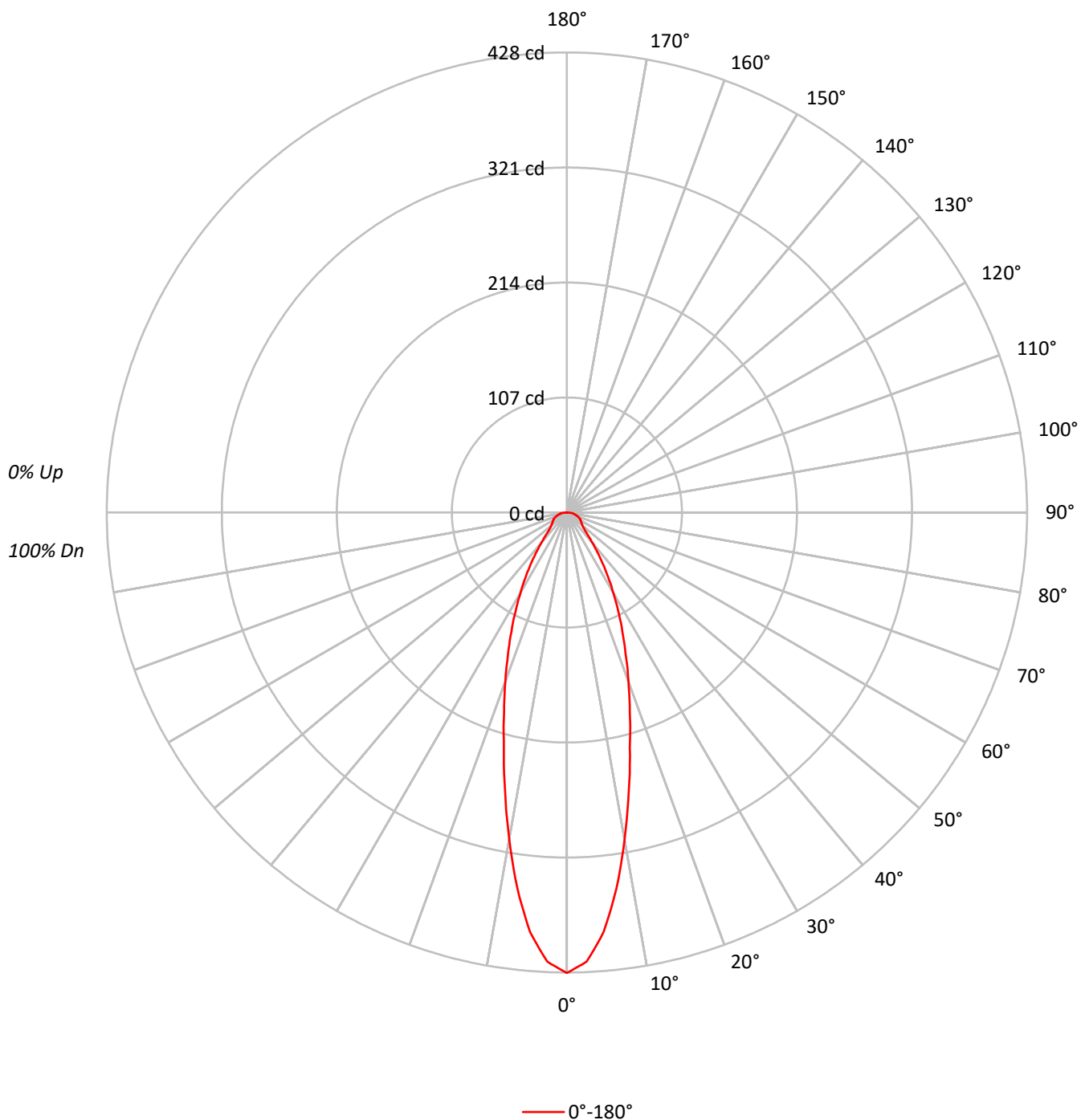
Lumens per Lamp: N/A
Luminaire Lumens: 251.0 lumens
Efficiency: N/A
Efficacy: 34.9 lumens/watt
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.6
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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	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°	93940
5°	86264
10°	68736
15°	51374
20°	39017
25°	29542
30°	21851
35°	15606
40°	10677
45°	7474
50°	6379
55°	6232
60°	6491
65°	6849
70°	6988
75°	7286
80°	7829
85°	7799

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 9072 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	34.7	13.8
10°-20°	63.5	25.3
20°-30°	56.2	22.4
30°-40°	36.8	14.7
40°-50°	19.7	7.8
50°-60°	14.9	5.9
60°-70°	12.8	5.1
70°-80°	8.8	3.5
80°-90°	3.6	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°	154.4	61.5
0°-40°	191.2	76.2
0°-60°	225.8	89.9
0°-90°	251.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	251.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	428	
5°	392	35
15°	226	63
25°	122	56
35°	58	37
45°	24	20
55°	16	15
65°	13	13
75°	9	9
85°	3	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	428.4
2.5°	418.3
5°	391.9
7.5°	353.0
10°	308.7
12.5°	265.9
15°	226.3
17.5°	194.4
20°	167.2
22.5°	143.1
25°	122.1
27.5°	103.4
30°	86.3
32.5°	71.5
35°	58.3
37.5°	46.7
40°	37.3
42.5°	29.5
45°	24.1
47.5°	21.0
50°	18.7
52.5°	17.9
55°	16.3
57.5°	15.6
60°	14.8
62.5°	14.0
65°	13.2
67.5°	11.7
70°	10.9
72.5°	9.3
75°	8.6
77.5°	7.0
80°	6.2
82.5°	5.4
85°	3.1
87.5°	1.6
90°	0.0

(END OF REPORT)