

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: P1259149

Luminaire Tested: P3AS05R159050DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1259149
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: P3AS05R159050DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 5000K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

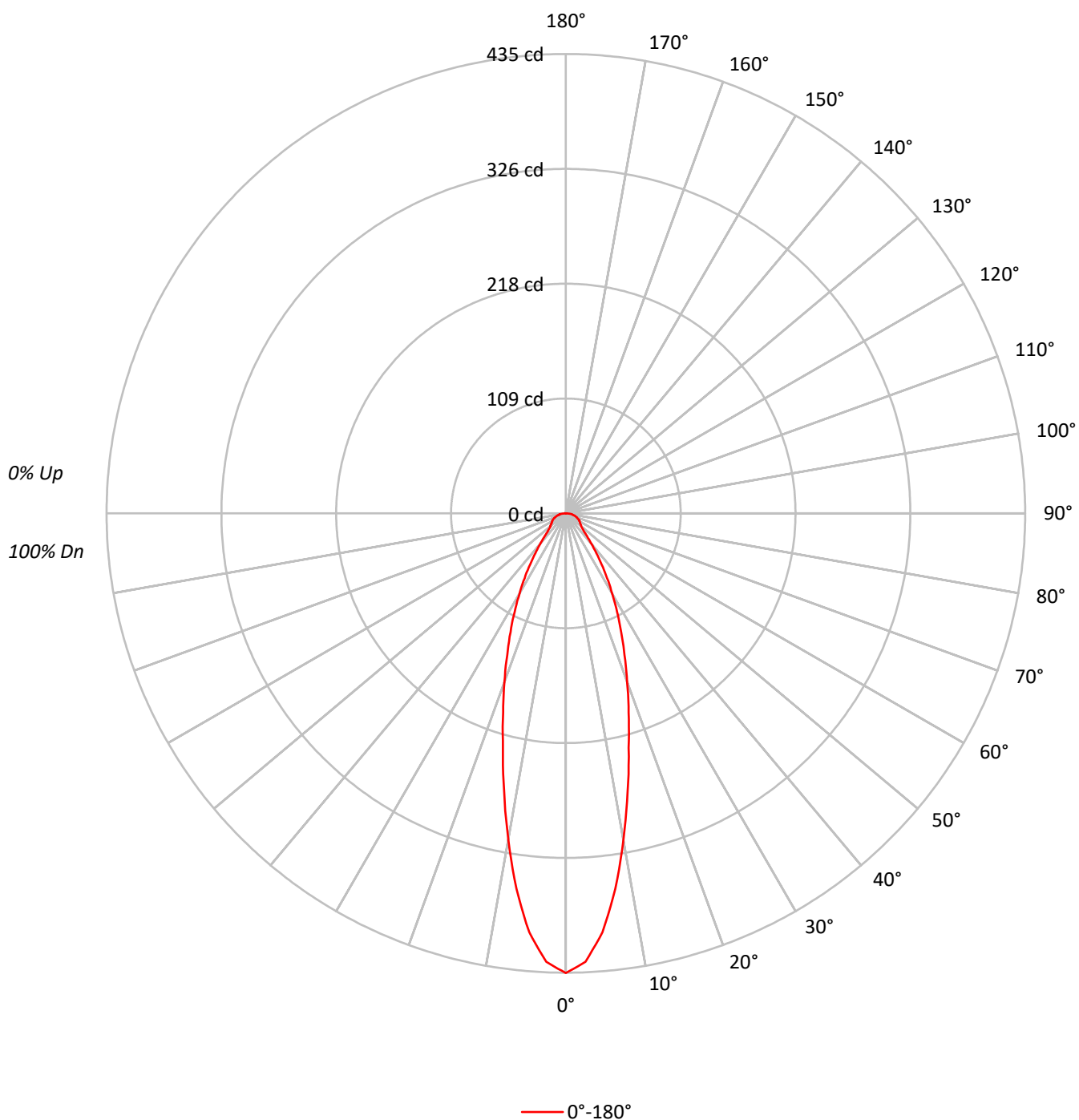
Lumens per Lamp: N/A
Luminaire Lumens: 255.0 lumens
Efficiency: N/A
Efficacy: 35.4 lumens/watt
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.6
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1259149

CATALOG NUMBER: P3AS05R159050DE010 E3PHLP1MW

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°	95453
5°	87629
10°	69827
15°	52191
20°	39623
25°	30002
30°	22206
35°	15847
40°	10849
45°	7598
50°	6482
55°	6346
60°	6578
65°	6953
70°	7117
75°	7371
80°	7956
85°	8051

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 9240 cd/sqm

TEST NUMBER: P1259149

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	35.3	13.8
10°-20°	64.5	25.3
20°-30°	57.1	22.4
30°-40°	37.4	14.7
40°-50°	20.0	7.8
50°-60°	15.1	5.9
60°-70°	13.0	5.1
70°-80°	9.0	3.5
80°-90°	3.7	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°	156.9	61.5
0°-40°	194.3	76.2
0°-60°	229.4	90.0
0°-90°	255.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	255.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	435	
5°	398	35
15°	230	64
25°	124	57
35°	59	37
45°	24	20
55°	17	15
65°	13	13
75°	9	9
85°	3	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	435.3
2.5°	425.0
5°	398.1
7.5°	358.6
10°	313.6
12.5°	270.2
15°	229.9
17.5°	197.5
20°	169.8
22.5°	145.3
25°	124.0
27.5°	105.1
30°	87.7
32.5°	72.7
35°	59.2
37.5°	47.4
40°	37.9
42.5°	30.0
45°	24.5
47.5°	21.3
50°	19.0
52.5°	18.2
55°	16.6
57.5°	15.8
60°	15.0
62.5°	14.2
65°	13.4
67.5°	11.8
70°	11.1
72.5°	9.5
75°	8.7
77.5°	7.1
80°	6.3
82.5°	5.5
85°	3.2
87.5°	1.6
90°	0.0

(END OF REPORT)