

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: P1275328

Luminaire Tested: P3AS05R159835DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275328
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: P3AS05R159835DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 3500K CCT AND, 98CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

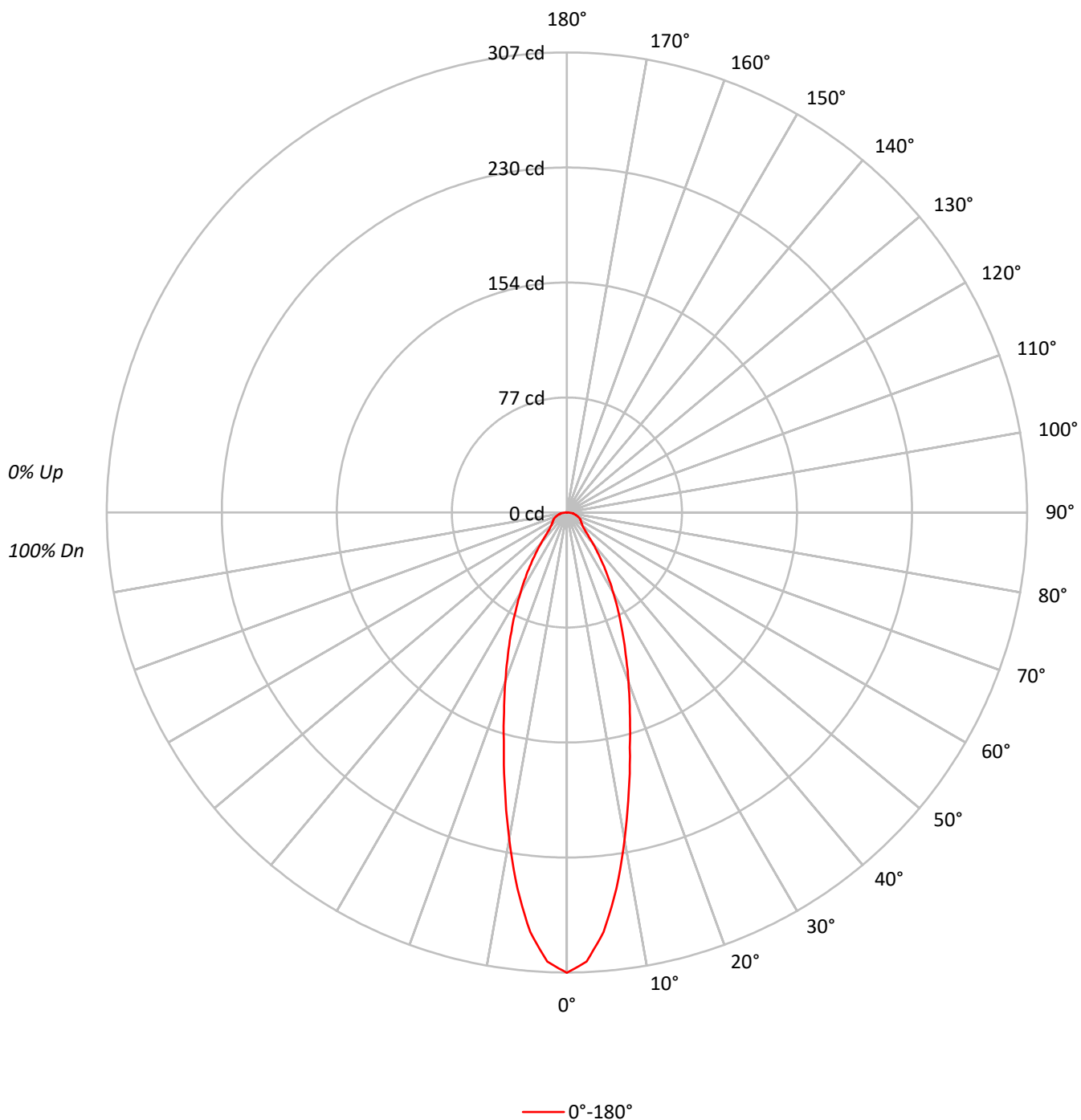
Lumens per Lamp: N/A
Luminaire Lumens: 180.0 lumens
Efficiency: N/A
Efficacy: 25.0 lumens/watt
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.6
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	67363
5°	61853
10°	49298
15°	36845
20°	27979
25°	21171
30°	15673
35°	11190
40°	7672
45°	5365
50°	4571
55°	4473
60°	4649
65°	4929
70°	5001
75°	5168
80°	5683
85°	5535

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 6552 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	24.9	13.8
10°-20°	45.5	25.3
20°-30°	40.3	22.4
30°-40°	26.4	14.7
40°-50°	14.1	7.8
50°-60°	10.7	5.9
60°-70°	9.2	5.1
70°-80°	6.3	3.5
80°-90°	2.6	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°	110.7	61.5
0°-40°	137.1	76.2
0°-60°	161.9	90.0
0°-90°	180.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	180.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	307	
5°	281	25
15°	162	46
25°	88	40
35°	42	26
45°	17	14
55°	12	11
65°	10	9
75°	6	6
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	307.2
2.5°	300.0
5°	281.0
7.5°	253.1
10°	221.4
12.5°	190.7
15°	162.3
17.5°	139.4
20°	119.9
22.5°	102.6
25°	87.5
27.5°	74.2
30°	61.9
32.5°	51.3
35°	41.8
37.5°	33.5
40°	26.8
42.5°	21.2
45°	17.3
47.5°	15.1
50°	13.4
52.5°	12.8
55°	11.7
57.5°	11.2
60°	10.6
62.5°	10.0
65°	9.5
67.5°	8.4
70°	7.8
72.5°	6.7
75°	6.1
77.5°	5.0
80°	4.5
82.5°	3.9
85°	2.2
87.5°	1.1
90°	0.0

(END OF REPORT)