

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: P1260622

Luminaire Tested: P3AS20R159050D010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260622
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: P3AS20R159050D010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 5000K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

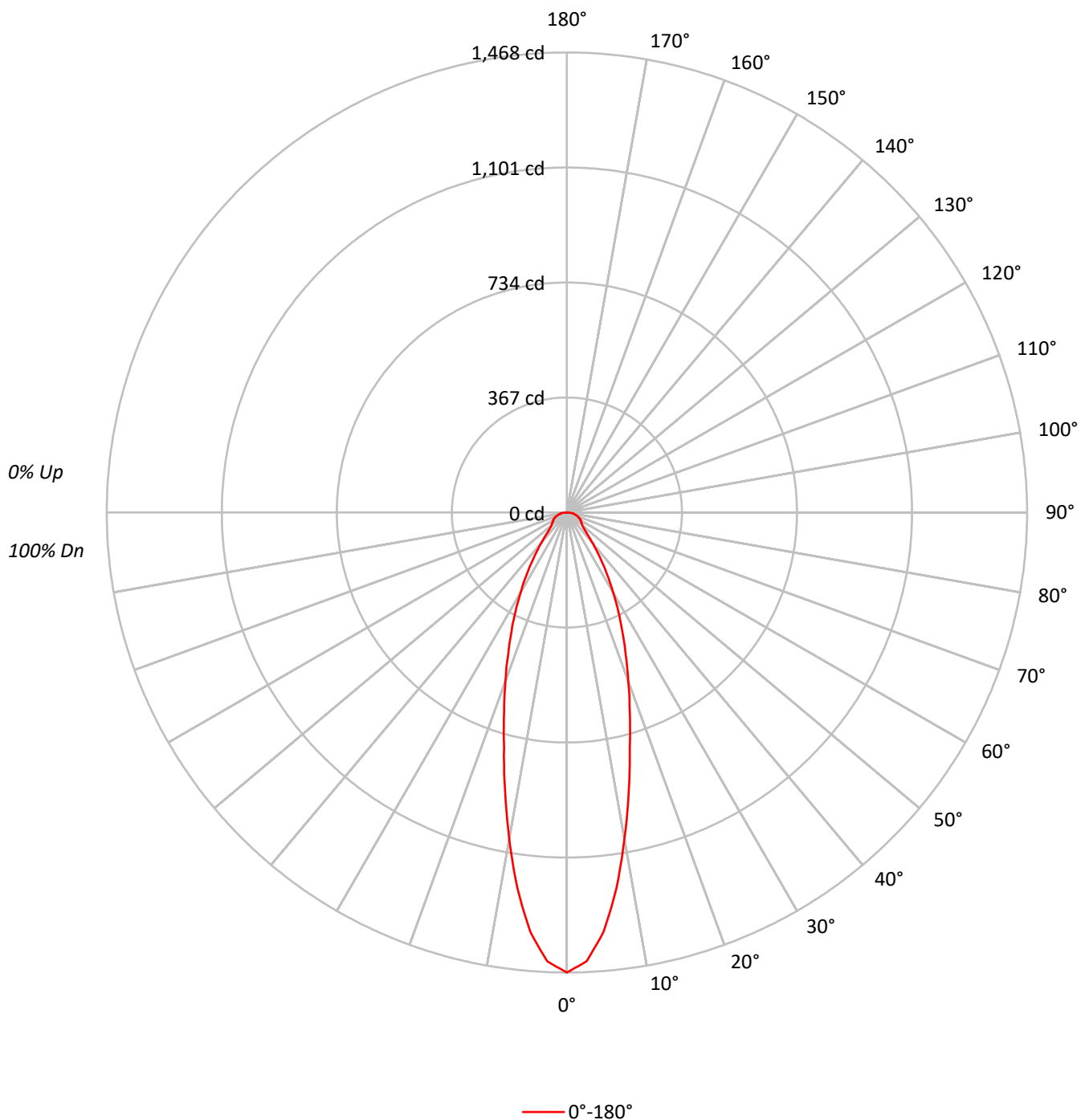
Lumens per Lamp: N/A
Luminaire Lumens: 860.0 lumens
Efficiency: N/A
Efficacy: 29.9 lumens/watt
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.6
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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°	321882
5°	295553
10°	235489
15°	175983
20°	133665
25°	101207
30°	74872
35°	53485
40°	36611
45°	25615
50°	21799
55°	21371
60°	22191
65°	23504
70°	23914
75°	24824
80°	26897
85°	26921

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 31248 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	118.9	13.8
10°-20°	217.4	25.3
20°-30°	192.7	22.4
30°-40°	126.2	14.7
40°-50°	67.4	7.8
50°-60°	51.0	5.9
60°-70°	43.9	5.1
70°-80°	30.2	3.5
80°-90°	12.3	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°	529.0	61.5
0°-40°	655.2	76.2
0°-60°	773.5	89.9
0°-90°	860.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	860.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1468	
5°	1343	119
15°	775	217
25°	418	193
35°	200	126
45°	83	67
55°	56	51
65°	45	44
75°	29	30
85°	11	12
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1467.9
2.5°	1433.3
5°	1342.7
7.5°	1209.5
10°	1057.6
12.5°	911.1
15°	775.2
17.5°	666.0
20°	572.8
22.5°	490.2
25°	418.3
27.5°	354.3
30°	295.7
32.5°	245.1
35°	199.8
37.5°	159.8
40°	127.9
42.5°	101.2
45°	82.6
47.5°	71.9
50°	63.9
52.5°	61.3
55°	55.9
57.5°	53.3
60°	50.6
62.5°	48.0
65°	45.3
67.5°	40.0
70°	37.3
72.5°	32.0
75°	29.3
77.5°	24.0
80°	21.3
82.5°	18.6
85°	10.7
87.5°	5.3
90°	0.0

(END OF REPORT)