

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: P1252611

Luminaire Tested: P3AS20R159030D010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252611
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: P3AS20R159030D010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 3000K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

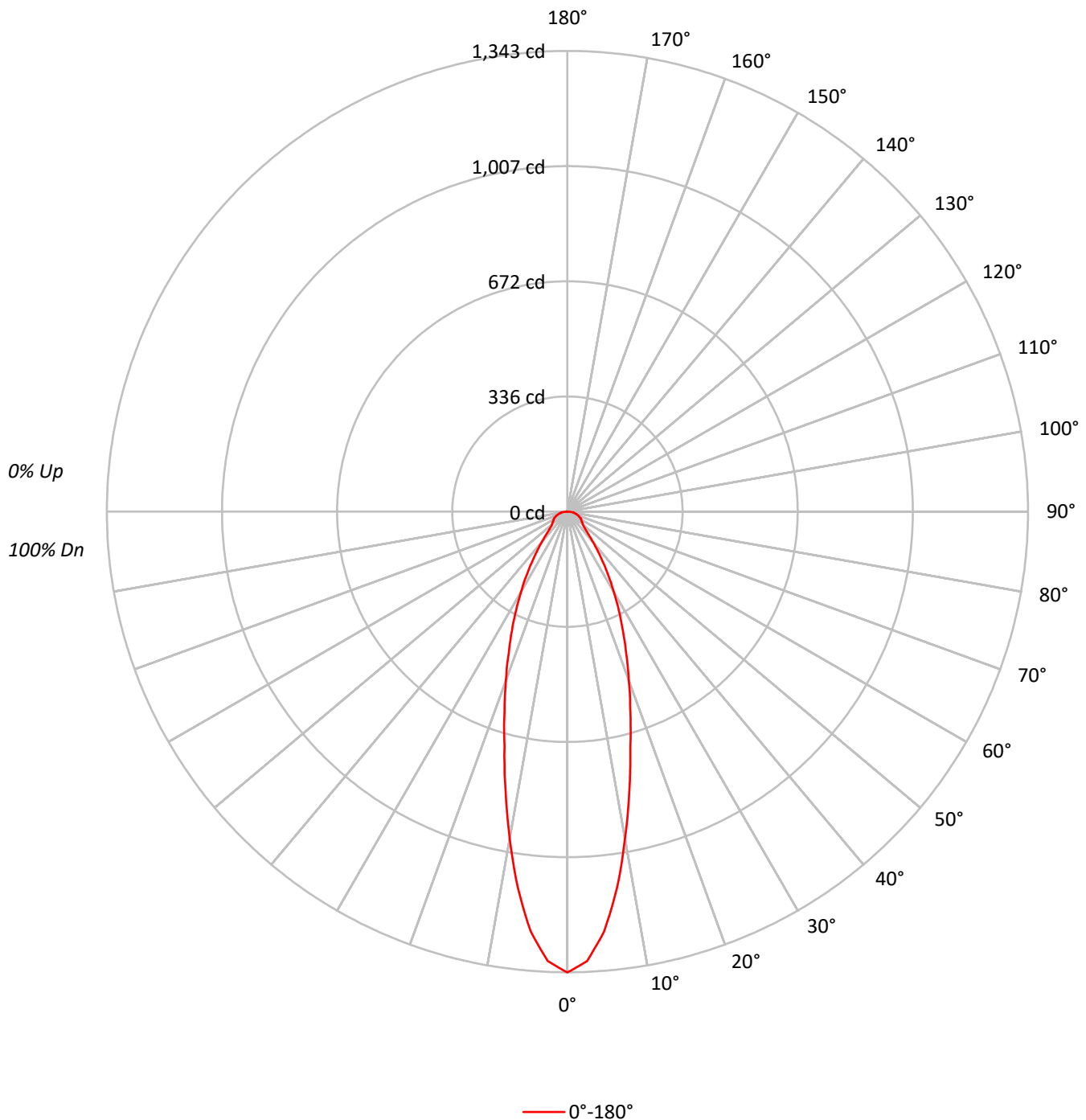
Lumens per Lamp: N/A
Luminaire Lumens: 787.0 lumens
Efficiency: N/A
Efficacy: 27.3 lumens/watt
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.6
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	294560
5°	270459
10°	215516
15°	161045
20°	122324
25°	92618
30°	68517
35°	48934
40°	33491
45°	23444
50°	19957
55°	19574
60°	20305
65°	21481
70°	21863
75°	22706
80°	24624
85°	24656

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 28728 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	108.8	13.8
10°-20°	199.0	25.3
20°-30°	176.3	22.4
30°-40°	115.5	14.7
40°-50°	61.7	7.8
50°-60°	46.7	5.9
60°-70°	40.1	5.1
70°-80°	27.7	3.5
80°-90°	11.3	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°	484.1	61.5
0°-40°	599.6	76.2
0°-60°	707.9	89.9
0°-90°	787.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	787.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1343	
5°	1229	109
15°	709	199
25°	383	176
35°	183	115
45°	76	62
55°	51	47
65°	41	40
75°	27	28
85°	10	11
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1343.3
2.5°	1311.6
5°	1228.7
7.5°	1106.8
10°	967.9
12.5°	833.8
15°	709.4
17.5°	609.5
20°	524.2
22.5°	448.6
25°	382.8
27.5°	324.2
30°	270.6
32.5°	224.3
35°	182.8
37.5°	146.3
40°	117.0
42.5°	92.6
45°	75.6
47.5°	65.8
50°	58.5
52.5°	56.1
55°	51.2
57.5°	48.8
60°	46.3
62.5°	43.9
65°	41.4
67.5°	36.6
70°	34.1
72.5°	29.3
75°	26.8
77.5°	21.9
80°	19.5
82.5°	17.1
85°	9.8
87.5°	4.9
90°	0.0

(END OF REPORT)