

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: P1255318

Luminaire Tested: P3AS20R159035D010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255318
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: P3AS20R159035D010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 3500K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

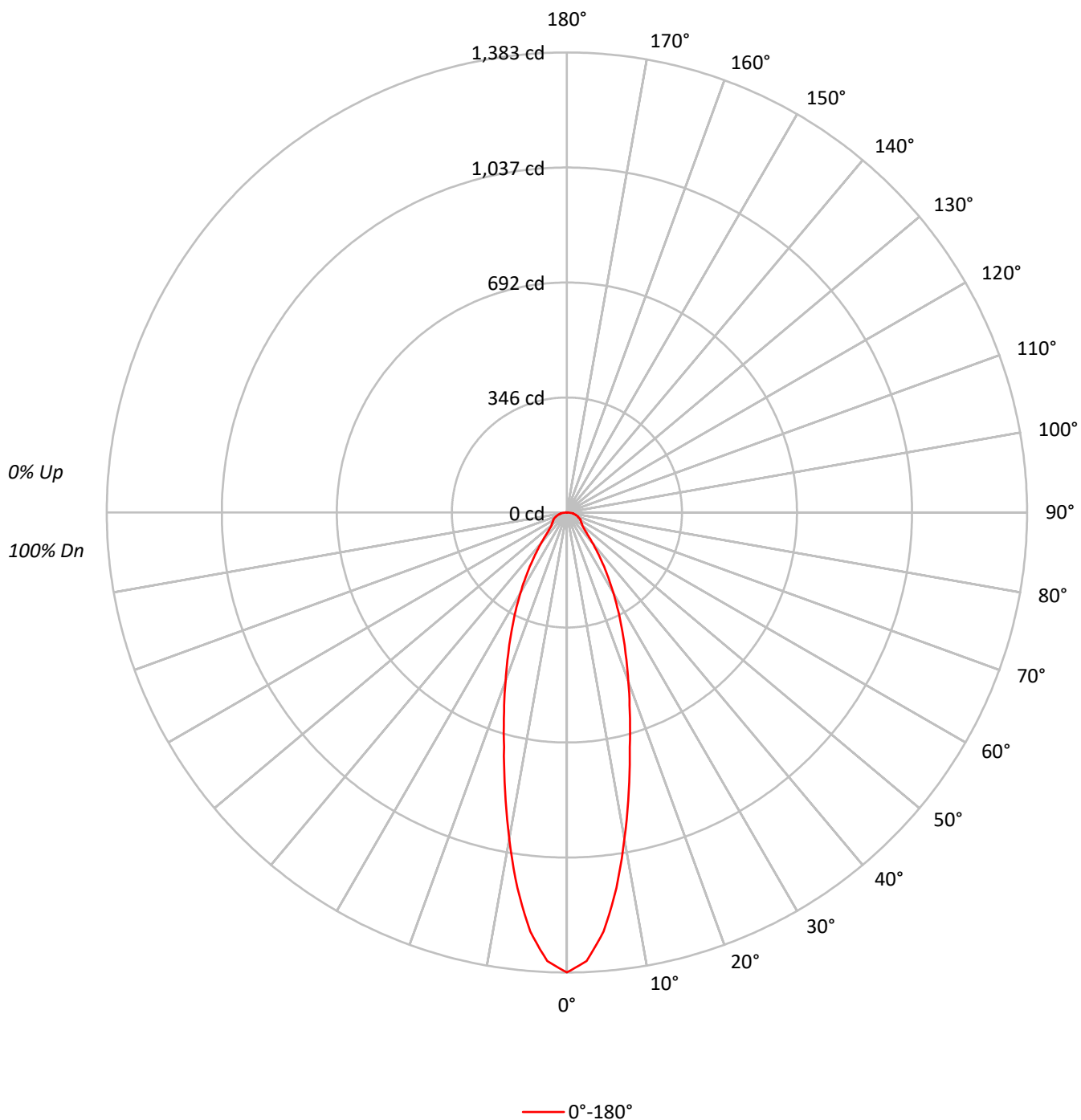
Lumens per Lamp: N/A
Luminaire Lumens: 810.0 lumens
Efficiency: N/A
Efficacy: 28.1 lumens/watt
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.6
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	303177
5°	278362
10°	221795
15°	165767
20°	125894
25°	95304
30°	70517
35°	50380
40°	34465
45°	24127
50°	20537
55°	20147
60°	20919
65°	22155
70°	22504
75°	23384
80°	25382
85°	25160

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 29568 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	112.0	13.8
10°-20°	204.8	25.3
20°-30°	181.4	22.4
30°-40°	118.8	14.7
40°-50°	63.5	7.8
50°-60°	48.0	5.9
60°-70°	41.3	5.1
70°-80°	28.5	3.5
80°-90°	11.6	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°	498.2	61.5
0°-40°	617.1	76.2
0°-60°	728.6	89.9
0°-90°	810.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	810.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1383	
5°	1265	112
15°	730	205
25°	394	181
35°	188	119
45°	78	63
55°	53	48
65°	43	41
75°	28	28
85°	10	12
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1382.6
2.5°	1349.9
5°	1264.6
7.5°	1139.2
10°	996.1
12.5°	858.1
15°	730.2
17.5°	627.3
20°	539.5
22.5°	461.7
25°	393.9
27.5°	333.7
30°	278.5
32.5°	230.8
35°	188.2
37.5°	150.6
40°	120.4
42.5°	95.3
45°	77.8
47.5°	67.7
50°	60.2
52.5°	57.7
55°	52.7
57.5°	50.2
60°	47.7
62.5°	45.2
65°	42.7
67.5°	37.6
70°	35.1
72.5°	30.1
75°	27.6
77.5°	22.6
80°	20.1
82.5°	17.6
85°	10.0
87.5°	5.0
90°	0.0

(END OF REPORT)