

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: P1260680

Luminaire Tested: P3AS20R259050D010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260680
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-7)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R259050D010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 5000K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

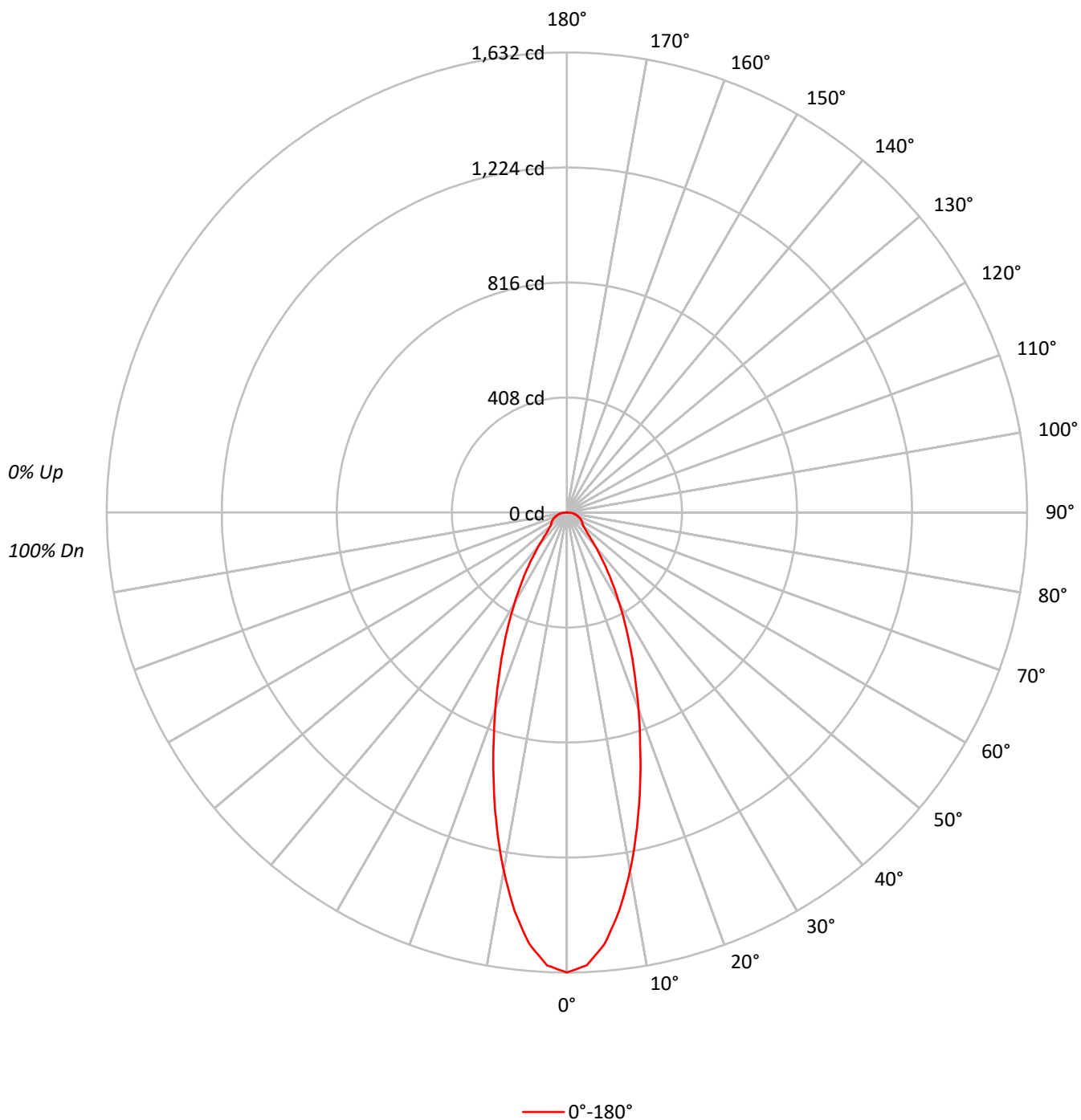
Lumens per Lamp: N/A
Luminaire Lumens: 1065.0 lumens
Efficiency: N/A
Efficacy: 37.0 lumens/watt
Spacing Criteria (0/90/45): 0.59 / 0.59 / 0.65
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	101	102	100	97		98	96	95		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	97	90	84	80	87	82	78		84	80	77		82
4	93	84	78	73	91	83	77	73	81	76	72		79	74	71		77
5	88	79	72	67	86	78	71	67	76	70	66		74	69	66		72
6	84	74	67	62	82	73	66	62	71	66	61		70	65	61		68
7	79	69	63	58	78	68	62	58	67	61	57		66	61	57		65
8	76	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°	357844
5°	338080
10°	287369
15°	227606
20°	172985
25°	129032
30°	93837
35°	66388
40°	45027
45°	31414
50°	26370
55°	25500
60°	26884
65°	27655
70°	27376
75°	29399
80°	33716
85°	33462

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 35783 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	138.6	13.0
10°-20°	277.5	26.1
20°-30°	245.7	23.1
30°-40°	156.5	14.7
40°-50°	82.8	7.8
50°-60°	60.9	5.7
60°-70°	51.8	4.9
70°-80°	36.6	3.4
80°-90°	14.5	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°	661.9	62.1
0°-40°	818.4	76.8
0°-60°	962.0	90.3
0°-90°	1065.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1065.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1632	
5°	1536	139
15°	1003	278
25°	533	246
35°	248	157
45°	101	83
55°	67	61
65°	53	52
75°	35	37
85°	13	14
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1631.9
2.5°	1607.9
5°	1535.9
7.5°	1423.9
10°	1290.6
12.5°	1146.6
15°	1002.6
17.5°	863.9
20°	741.3
22.5°	629.3
25°	533.3
27.5°	448.0
30°	370.6
32.5°	304.0
35°	248.0
37.5°	197.3
40°	157.3
42.5°	125.3
45°	101.3
47.5°	88.0
50°	77.3
52.5°	72.0
55°	66.7
57.5°	64.0
60°	61.3
62.5°	56.0
65°	53.3
67.5°	48.0
70°	42.7
72.5°	40.0
75°	34.7
77.5°	29.3
80°	26.7
82.5°	21.3
85°	13.3
87.5°	5.3
90°	0.0

(END OF REPORT)