

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: P1252669

Luminaire Tested: P3AS20R259030D010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252669
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: P3AS20R259030D010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

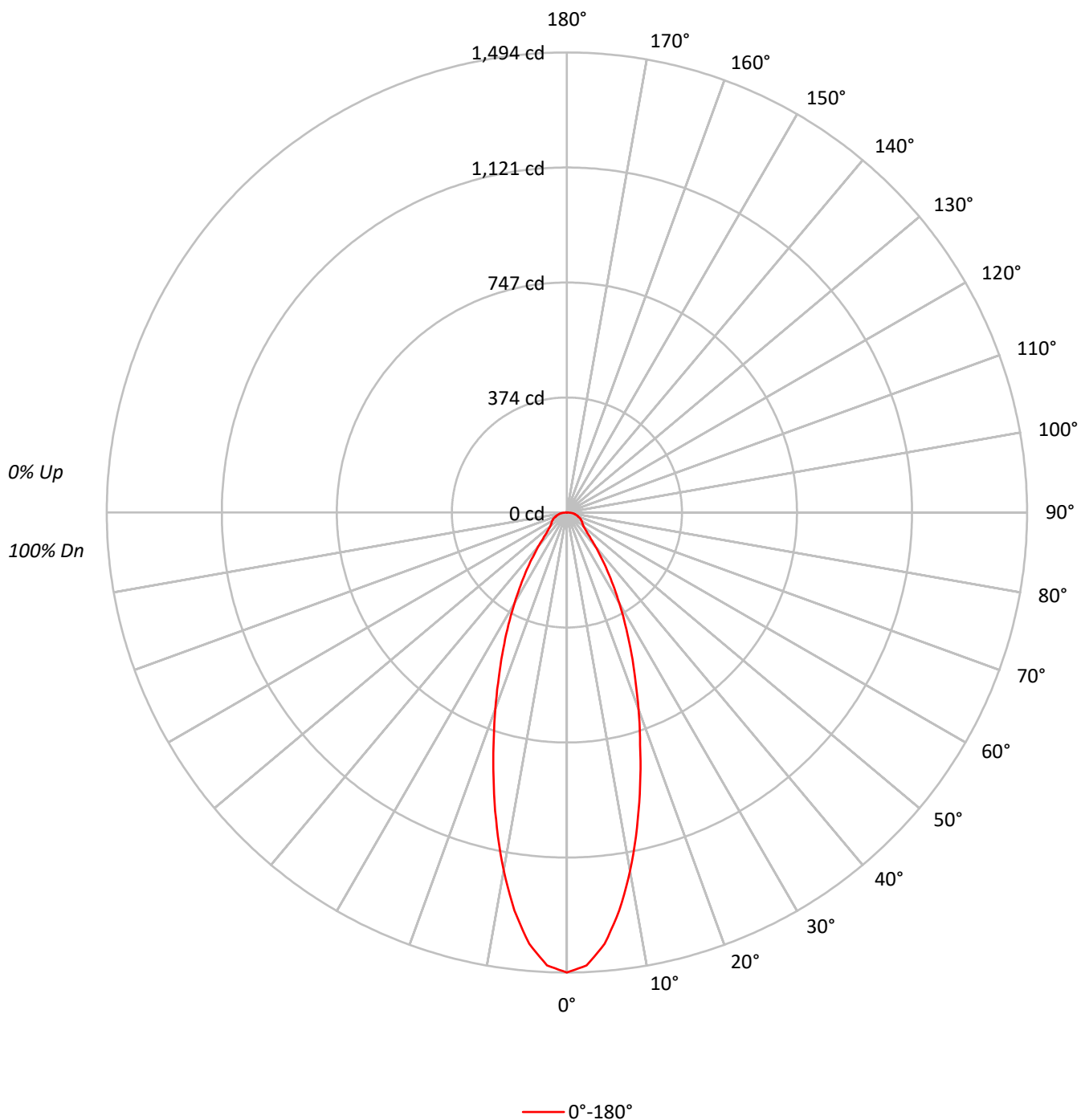
Lumens per Lamp: N/A
Luminaire Lumens: 975.0 lumens
Efficiency: N/A
Efficacy: 33.9 lumens/watt
Spacing Criteria (0/90/45): 0.59 / 0.59 / 0.65
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1252669

CATALOG NUMBER: P3AS20R259030D010 E3PHLP1MW

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°	327605
5°	309508
10°	263077
15°	208378
20°	158354
25°	118120
30°	85912
35°	60766
40°	41220
45°	28778
50°	24153
55°	23321
60°	24603
65°	25320
70°	25068
75°	26857
80°	30812
85°	30695

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 32760 cd/sqm

TEST NUMBER: P1252669

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	126.9	13.0
10°-20°	254.1	26.1
20°-30°	224.9	23.1
30°-40°	143.3	14.7
40°-50°	75.8	7.8
50°-60°	55.7	5.7
60°-70°	47.4	4.9
70°-80°	33.5	3.4
80°-90°	13.3	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°	605.9	62.1
0°-40°	749.2	76.8
0°-60°	880.7	90.3
0°-90°	975.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	975.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1494	
5°	1406	127
15°	918	254
25°	488	225
35°	227	143
45°	93	76
55°	61	56
65°	49	47
75°	32	34
85°	12	13
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1494.0
2.5°	1472.0
5°	1406.1
7.5°	1303.6
10°	1181.5
12.5°	1049.7
15°	917.9
17.5°	790.9
20°	678.6
22.5°	576.1
25°	488.2
27.5°	410.1
30°	339.3
32.5°	278.3
35°	227.0
37.5°	180.6
40°	144.0
42.5°	114.7
45°	92.8
47.5°	80.6
50°	70.8
52.5°	65.9
55°	61.0
57.5°	58.6
60°	56.1
62.5°	51.3
65°	48.8
67.5°	43.9
70°	39.1
72.5°	36.6
75°	31.7
77.5°	26.9
80°	24.4
82.5°	19.5
85°	12.2
87.5°	4.9
90°	0.0

(END OF REPORT)