

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: P1276798

Luminaire Tested: P3AS20R309835D010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276798
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-8)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R309835D010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 98CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

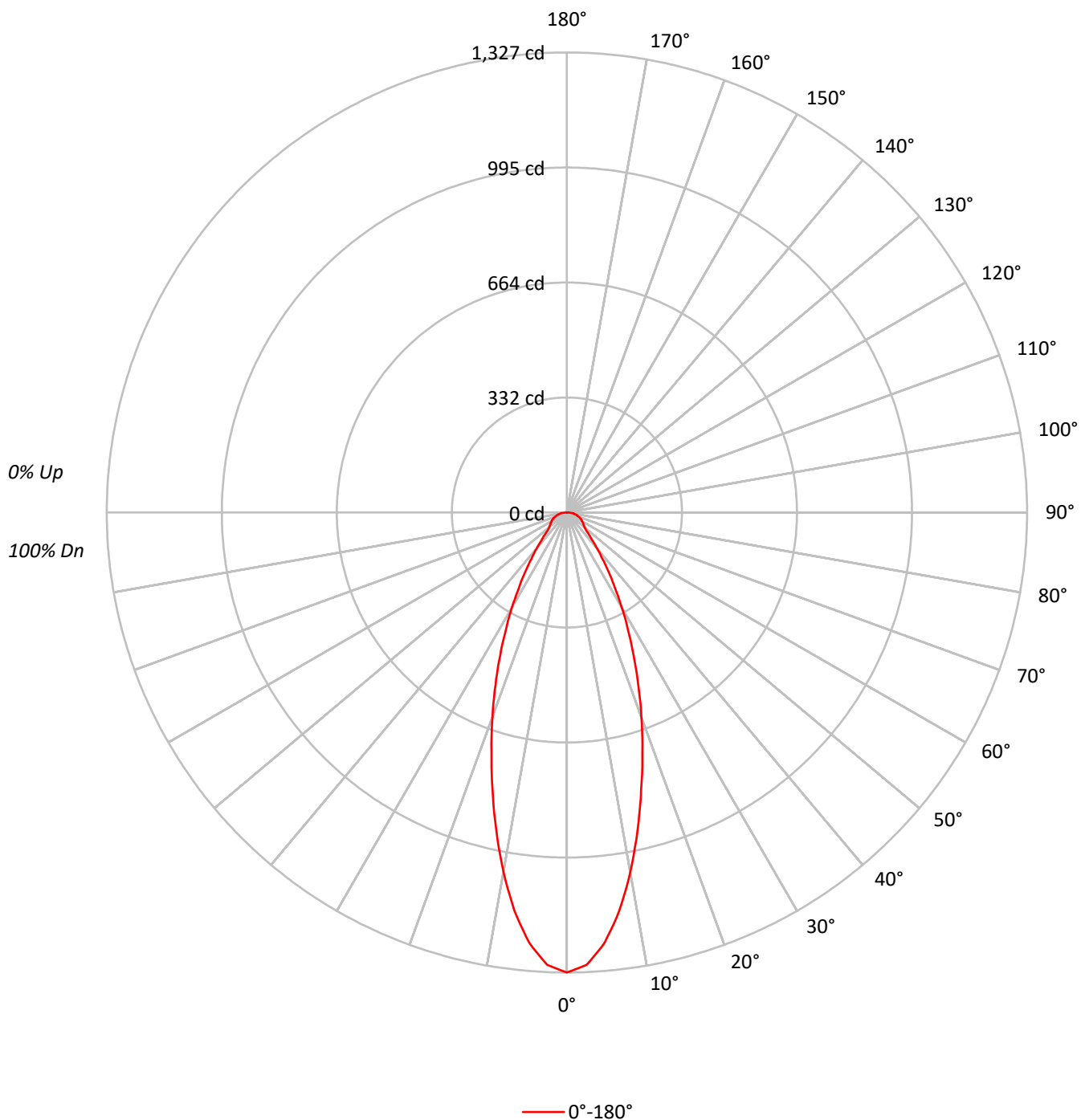
Lumens per Lamp: N/A
Luminaire Lumens: 896.1 lumens
Efficiency: N/A
Efficacy: 32.7 lumens/watt
Spacing Criteria (0/90/45): 0.6 / 0.6 / 0.67
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 27.4
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	94		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	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	66	75	70	66		74	69	65		72
6	83	73	67	62	82	72	66	62	71	65	61		69	64	61		68
7	79	69	62	57	78	68	62	57	67	61	57		66	60	57		64
8	75	65	58	54	74	64	58	54	63	57	53		62	57	53		61
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		58
10	68	58	52	48	67	58	52	48	57	51	48		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	290920
5°	274311
10°	234487
15°	187901
20°	146476
25°	110160
30°	80341
35°	56617
40°	38844
45°	27817
50°	22754
55°	21982
60°	22191
65°	22674
70°	23594
75°	25332
80°	26140
85°	28934

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 30912 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	112.8	12.6
10°-20°	230.0	25.7
20°-30°	209.6	23.4
30°-40°	133.4	14.9
40°-50°	71.4	8.0
50°-60°	52.2	5.8
60°-70°	43.9	4.9
70°-80°	30.7	3.4
80°-90°	12.2	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°	552.3	61.6
0°-40°	685.7	76.5
0°-60°	809.3	90.3
0°-90°	896.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	896.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1327	
5°	1246	113
15°	828	230
25°	455	210
35°	212	133
45°	90	71
55°	58	52
65°	44	44
75°	30	31
85°	12	12
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1326.7
2.5°	1306.0
5°	1246.2
7.5°	1158.8
10°	1053.1
12.5°	940.4
15°	827.7
17.5°	724.3
20°	627.7
22.5°	538.0
25°	455.3
27.5°	381.7
30°	317.3
32.5°	257.5
35°	211.5
37.5°	167.8
40°	135.7
42.5°	108.1
45°	89.7
47.5°	73.6
50°	66.7
52.5°	62.1
55°	57.5
57.5°	55.2
60°	50.6
62.5°	48.3
65°	43.7
67.5°	41.4
70°	36.8
72.5°	32.2
75°	29.9
77.5°	25.3
80°	20.7
82.5°	18.4
85°	11.5
87.5°	4.6
90°	0.0

(END OF REPORT)