

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: P1275699

Luminaire Tested: P3AS09R209835DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275699
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-6)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R209835DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 3500K CCT AND, 98CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

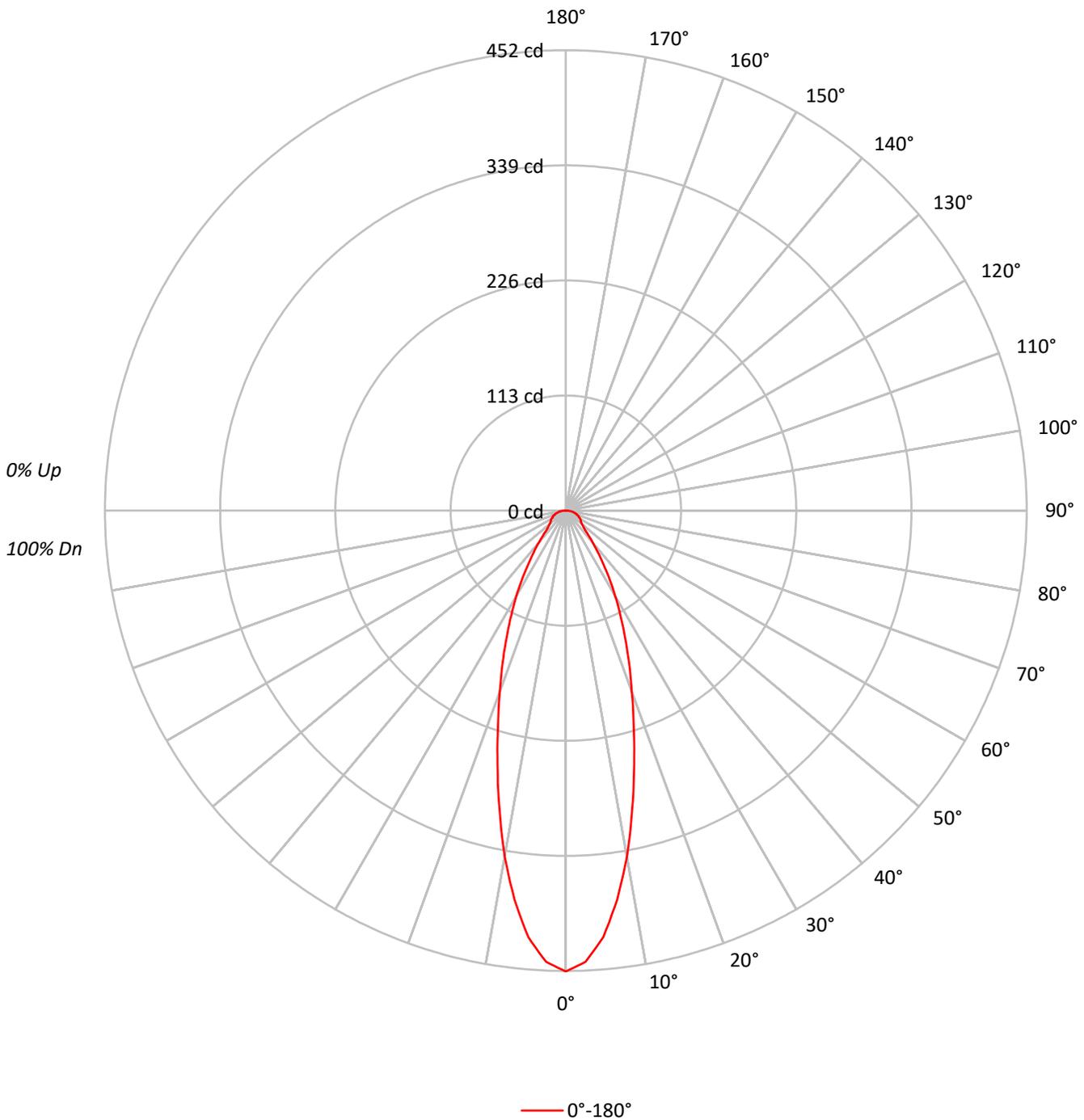
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 279.0 lumens
Efficiency: N/A
Efficacy: 25.4 lumens/watt
Spacing Criteria (0/90/45): 0.55 / 0.55 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11
Input Voltage (V): NR
Input Current (A_{in}): 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				20	
RC	80				70				50				30				10				0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0	
RCR																						
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100				100
1	112	108	105	102	109	106	103	101	102	100	97	98	96	95	95	93	92	90				90
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	85	83	81				81
3	99	91	85	80	97	90	84	80	87	82	78	84	80	77	82	79	76	74				74
4	93	84	78	73	91	83	77	73	81	76	72	79	74	71	77	73	70	68				68
5	88	79	72	67	86	78	71	67	76	70	66	74	69	66	72	68	65	63				63
6	84	74	67	62	82	73	66	62	71	66	61	70	65	61	68	64	61	59				59
7	79	69	63	58	78	68	62	58	67	62	57	66	61	57	65	60	57	55				55
8	76	65	59	54	74	65	58	54	64	58	54	62	57	54	61	57	53	52				52
9	72	62	55	51	71	61	55	51	60	55	51	59	54	51	58	54	50	49				49
10	69	59	52	48	68	58	52	48	57	52	48	57	52	48	56	51	48	46				46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	99225
5°	92538
10°	76797
15°	58729
20°	44080
25°	33171
30°	24535
35°	17159
40°	11765
45°	8156
50°	6993
55°	6920
60°	7192
65°	7264
70°	7373
75°	7625
80°	8334
85°	8303

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 82.5°
 Luminance: 9576 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	37.7	13.5
10°-20°	71.9	25.8
20°-30°	63.3	22.7
30°-40°	40.9	14.6
40°-50°	21.6	7.8
50°-60°	16.3	5.8
60°-70°	13.8	5.0
70°-80°	9.8	3.5
80°-90°	3.8	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°	172.9	62.0
0°-40°	213.7	76.6
0°-60°	251.6	90.2
0°-90°	279.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	279.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	452	
5°	420	38
15°	259	72
25°	137	63
35°	64	41
45°	26	22
55°	18	16
65°	14	14
75°	9	10
85°	3	4
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	452.5
2.5°	443.4
5°	420.4
7.5°	385.1
10°	344.9
12.5°	300.5
15°	258.7
17.5°	220.9
20°	188.9
22.5°	161.8
25°	137.1
27.5°	115.8
30°	96.9
32.5°	79.7
35°	64.1
37.5°	51.7
40°	41.1
42.5°	32.8
45°	26.3
47.5°	23.0
50°	20.5
52.5°	18.9
55°	18.1
57.5°	17.2
60°	16.4
62.5°	14.8
65°	14.0
67.5°	13.1
70°	11.5
72.5°	10.7
75°	9.0
77.5°	8.2
80°	6.6
82.5°	5.7
85°	3.3
87.5°	1.6
90°	0.0

(END OF REPORT)