

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: P1275763

Luminaire Tested: P3AS09R309835DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275763
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: P3AS09R309835DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 98CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

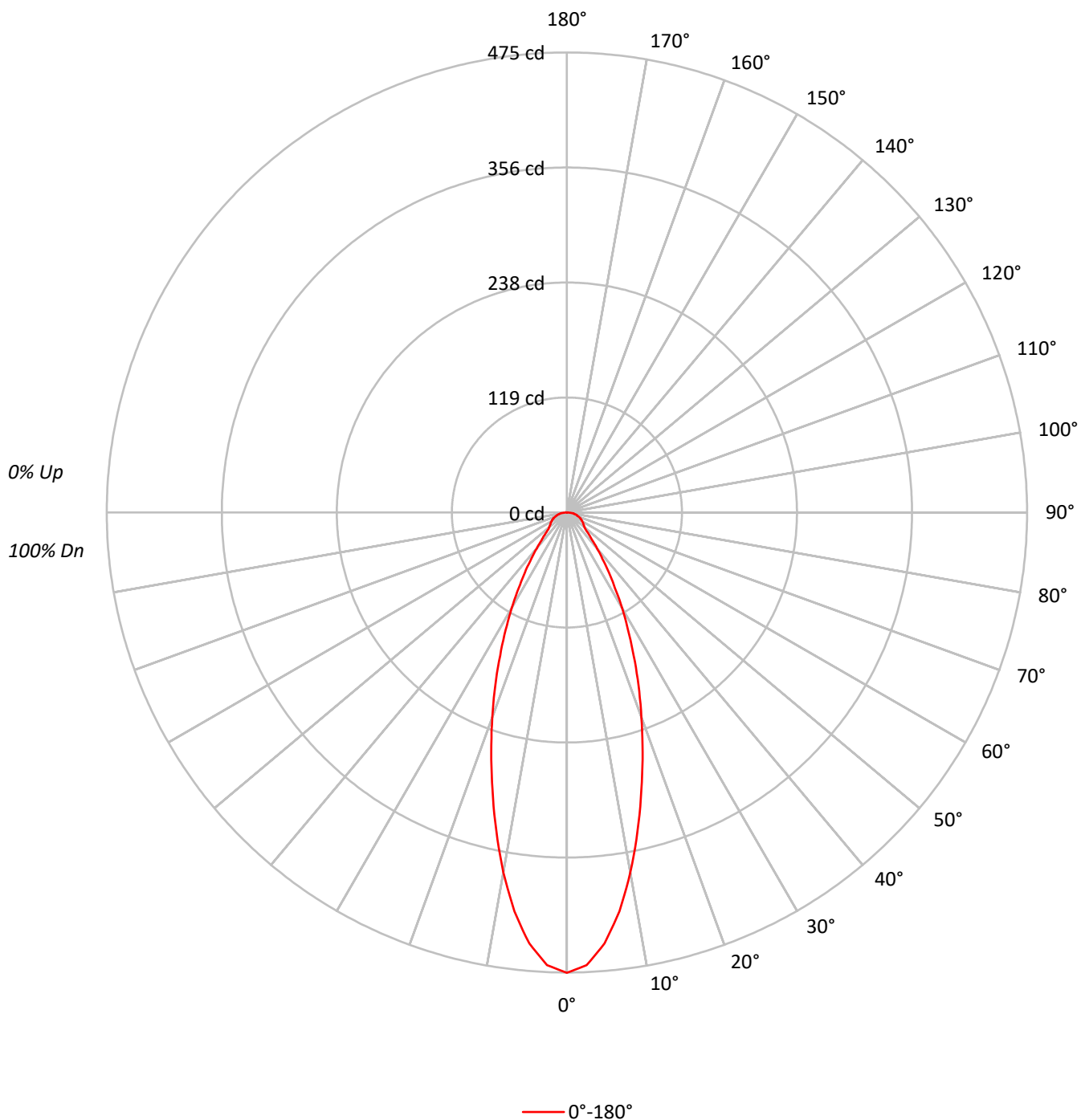
Lumens per Lamp: N/A
Luminaire Lumens: 321.0 lumens
Efficiency: N/A
Efficacy: 29.2 lumens/watt
Spacing Criteria (0/90/45): 0.6 / 0.6 / 0.67
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11
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	76	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	58	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°	104224
5°	98283
10°	84011
15°	67310
20°	52481
25°	39462
30°	28789
35°	20291
40°	13912
45°	9955
50°	8153
55°	7875
60°	7938
65°	8146
70°	8463
75°	9065
80°	9345
85°	10315

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 11088 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	40.4	12.6
10°-20°	82.4	25.7
20°-30°	75.1	23.4
30°-40°	47.8	14.9
40°-50°	25.6	8.0
50°-60°	18.7	5.8
60°-70°	15.7	4.9
70°-80°	11.0	3.4
80°-90°	4.4	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°	197.9	61.6
0°-40°	245.7	76.5
0°-60°	290.0	90.3
0°-90°	321.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	321.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	475	
5°	446	40
15°	296	82
25°	163	75
35°	76	48
45°	32	26
55°	21	19
65°	16	16
75°	11	11
85°	4	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	475.3
2.5°	467.9
5°	446.5
7.5°	415.2
10°	377.3
12.5°	336.9
15°	296.5
17.5°	259.5
20°	224.9
22.5°	192.8
25°	163.1
27.5°	136.7
30°	113.7
32.5°	92.3
35°	75.8
37.5°	60.1
40°	48.6
42.5°	38.7
45°	32.1
47.5°	26.4
50°	23.9
52.5°	22.2
55°	20.6
57.5°	19.8
60°	18.1
62.5°	17.3
65°	15.7
67.5°	14.8
70°	13.2
72.5°	11.5
75°	10.7
77.5°	9.1
80°	7.4
82.5°	6.6
85°	4.1
87.5°	1.6
90°	0.0

(END OF REPORT)