

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: P1248083

Luminaire Tested: P3AS02R309027DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1248083
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: P3AS02R309027DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 2700K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

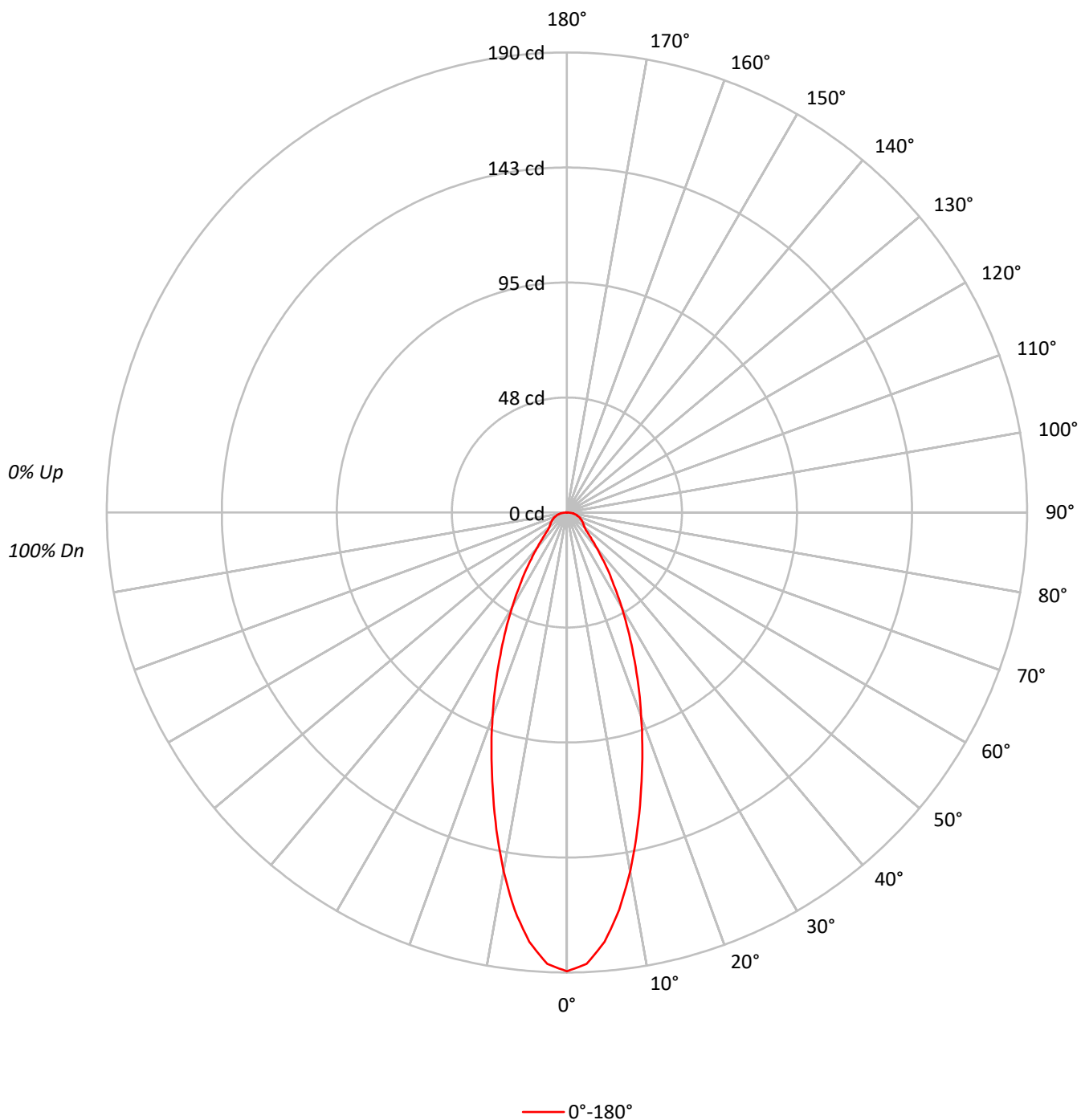
Lumens per Lamp: N/A
Luminaire Lumens: 128.0 lumens
Efficiency: N/A
Efficacy: 35.6 lumens/watt
Spacing Criteria (0/90/45): 0.6 / 0.6 / 0.67
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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°	41554
5°	39181
10°	33489
15°	26833
20°	20932
25°	15727
30°	11470
35°	8084
40°	5553
45°	3969
50°	3241
55°	3135
60°	3158
65°	3217
70°	3398
75°	3643
80°	3788
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 82.5°
Luminance: 4368 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.1	12.6
10°-20°	32.9	25.7
20°-30°	29.9	23.4
30°-40°	19.1	14.9
40°-50°	10.2	8.0
50°-60°	7.5	5.8
60°-70°	6.3	4.9
70°-80°	4.4	3.4
80°-90°	1.7	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°	78.9	61.6
0°-40°	98.0	76.5
0°-60°	115.6	90.3
0°-90°	128.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	128.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	190	
5°	178	16
15°	118	33
25°	65	30
35°	30	19
45°	13	10
55°	8	7
65°	6	6
75°	4	4
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	189.5
2.5°	186.6
5°	178.0
7.5°	165.5
10°	150.4
12.5°	134.3
15°	118.2
17.5°	103.5
20°	89.7
22.5°	76.9
25°	65.0
27.5°	54.5
30°	45.3
32.5°	36.8
35°	30.2
37.5°	24.0
40°	19.4
42.5°	15.4
45°	12.8
47.5°	10.5
50°	9.5
52.5°	8.9
55°	8.2
57.5°	7.9
60°	7.2
62.5°	6.9
65°	6.2
67.5°	5.9
70°	5.3
72.5°	4.6
75°	4.3
77.5°	3.6
80°	3.0
82.5°	2.6
85°	1.6
87.5°	0.7
90°	0.0

(END OF REPORT)