

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: P1267048

Luminaire Tested: P3A09R309735DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1267048
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: P3A09R309735DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 97CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

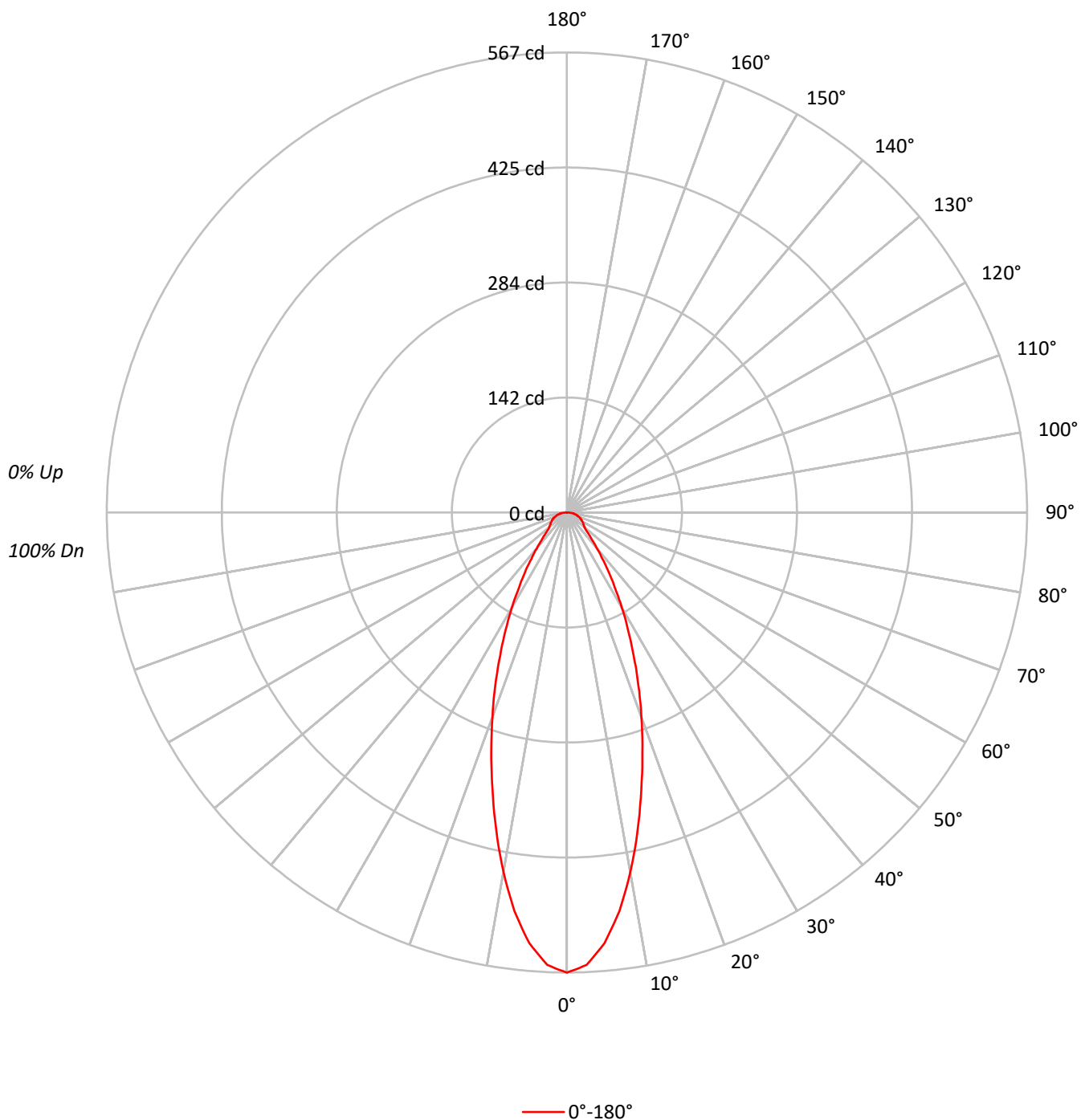
Lumens per Lamp: N/A
Luminaire Lumens: 383.0 lumens
Efficiency: N/A
Efficacy: 34.5 lumens/watt
Spacing Criteria (0/90/45): 0.6 / 0.6 / 0.67
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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°	124354
5°	117257
10°	100221
15°	80318
20°	62609
25°	47083
30°	34334
35°	24199
40°	16603
45°	11877
50°	9722
55°	9405
60°	9473
65°	9703
70°	10066
75°	10845
80°	11113
85°	12328

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 13272 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	48.2	12.6
10°-20°	98.3	25.7
20°-30°	89.6	23.4
30°-40°	57.0	14.9
40°-50°	30.5	8.0
50°-60°	22.3	5.8
60°-70°	18.7	4.9
70°-80°	13.1	3.4
80°-90°	5.2	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°	236.1	61.6
0°-40°	293.1	76.5
0°-60°	345.9	90.3
0°-90°	383.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	383.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	567	
5°	533	48
15°	354	98
25°	195	90
35°	90	57
45°	38	31
55°	25	22
65°	19	19
75°	13	13
85°	5	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	567.1
2.5°	558.2
5°	532.7
7.5°	495.3
10°	450.1
12.5°	402.0
15°	353.8
17.5°	309.6
20°	268.3
22.5°	230.0
25°	194.6
27.5°	163.2
30°	135.6
32.5°	110.1
35°	90.4
37.5°	71.7
40°	58.0
42.5°	46.2
45°	38.3
47.5°	31.5
50°	28.5
52.5°	26.5
55°	24.6
57.5°	23.6
60°	21.6
62.5°	20.6
65°	18.7
67.5°	17.7
70°	15.7
72.5°	13.8
75°	12.8
77.5°	10.8
80°	8.8
82.5°	7.9
85°	4.9
87.5°	2.0
90°	0.0

(END OF REPORT)