

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: P1269427

Luminaire Tested: P3A09R309740DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1269427
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: P3A09R309740DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 4000K CCT AND, 97CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

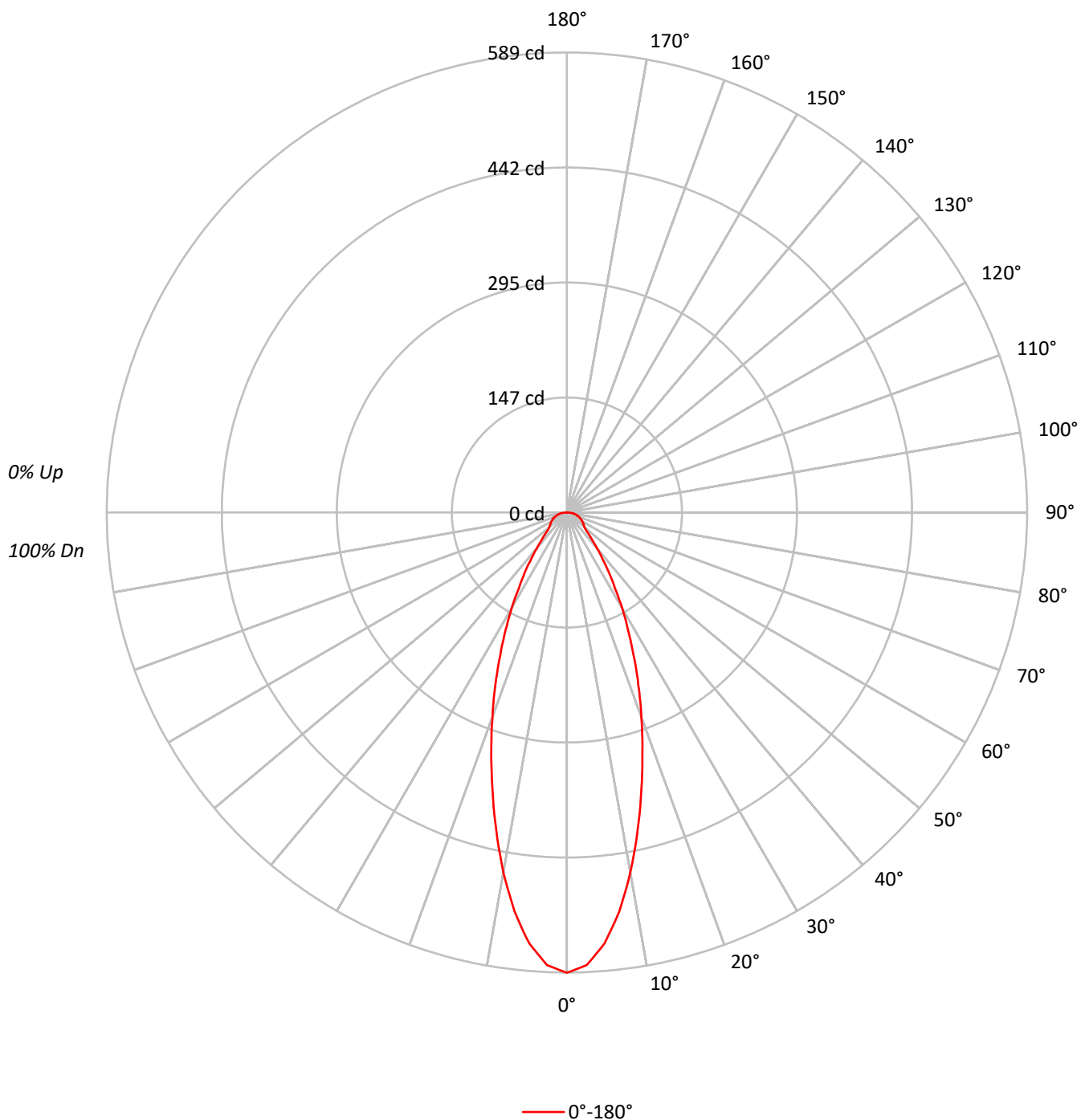
Lumens per Lamp: N/A
Luminaire Lumens: 398.0 lumens
Efficiency: N/A
Efficacy: 35.9 lumens/watt
Spacing Criteria (0/90/45): 0.6 / 0.6 / 0.67
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	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°	129222
5°	121857
10°	104162
15°	83474
20°	65059
25°	48922
30°	35676
35°	25163
40°	17261
45°	12342
50°	10098
55°	9749
60°	9868
65°	10066
70°	10450
75°	11268
80°	11618
85°	12831

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 13776 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	50.1	12.6
10°-20°	102.2	25.7
20°-30°	93.1	23.4
30°-40°	59.3	14.9
40°-50°	31.7	8.0
50°-60°	23.2	5.8
60°-70°	19.5	4.9
70°-80°	13.6	3.4
80°-90°	5.4	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°	245.3	61.6
0°-40°	304.6	76.5
0°-60°	359.5	90.3
0°-90°	398.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	398.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	589	
5°	554	50
15°	368	102
25°	202	93
35°	94	59
45°	40	32
55°	26	23
65°	19	19
75°	13	14
85°	5	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	589.3
2.5°	580.1
5°	553.6
7.5°	514.7
10°	467.8
12.5°	417.7
15°	367.7
17.5°	321.7
20°	278.8
22.5°	239.0
25°	202.2
27.5°	169.5
30°	140.9
32.5°	114.4
35°	94.0
37.5°	74.6
40°	60.3
42.5°	48.0
45°	39.8
47.5°	32.7
50°	29.6
52.5°	27.6
55°	25.5
57.5°	24.5
60°	22.5
62.5°	21.4
65°	19.4
67.5°	18.4
70°	16.3
72.5°	14.3
75°	13.3
77.5°	11.2
80°	9.2
82.5°	8.2
85°	5.1
87.5°	2.0
90°	0.0

(END OF REPORT)