

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: P1262701

Luminaire Tested: P3A13R309727DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1262701
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: P3A13R309727DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 2700K CCT AND, 97CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

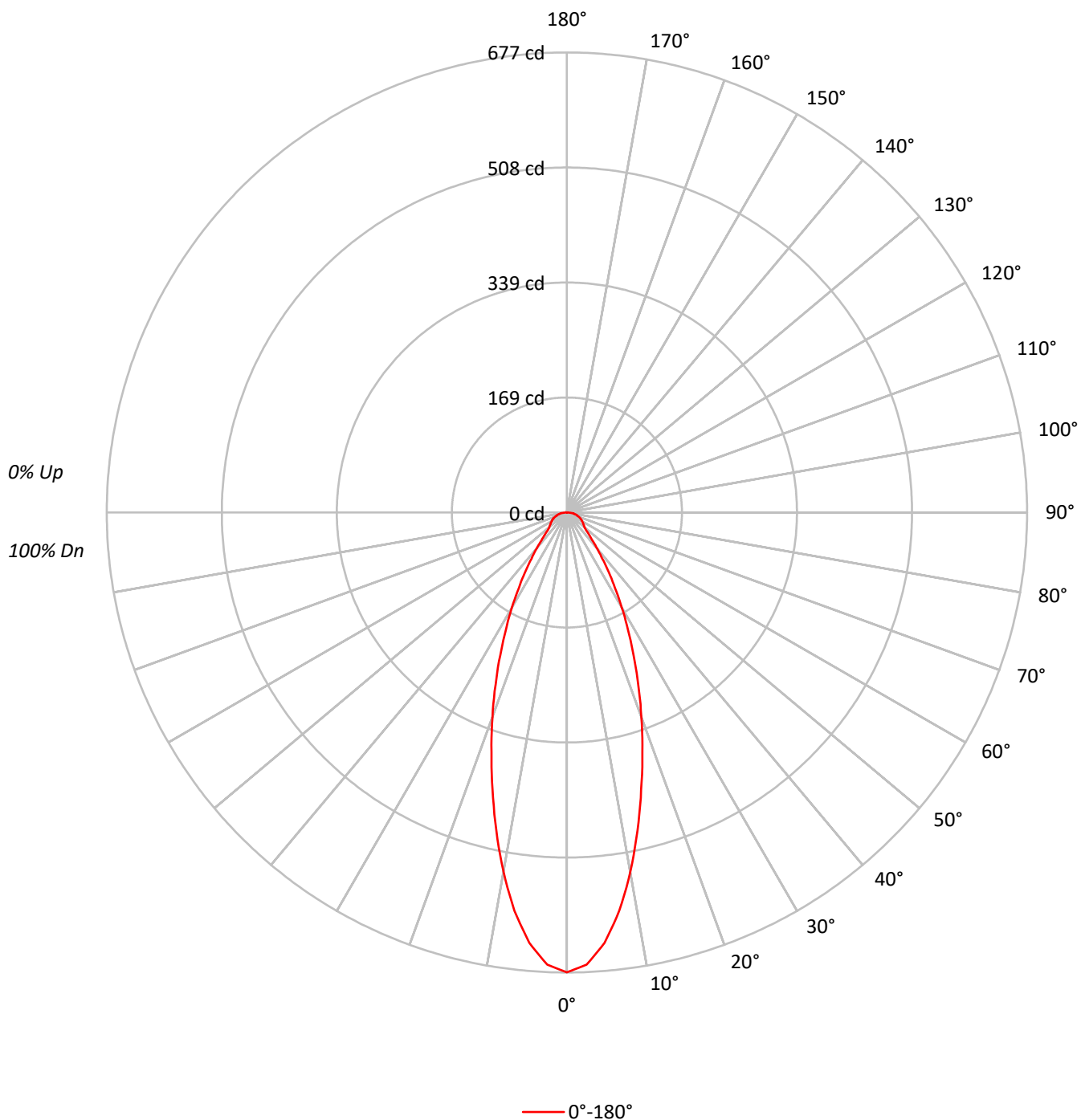
Lumens per Lamp: N/A
Luminaire Lumens: 457.0 lumens
Efficiency: N/A
Efficacy: 31.3 lumens/watt
Spacing Criteria (0/90/45): 0.6 / 0.6 / 0.67
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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	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°	148387
5°	139907
10°	119593
15°	95846
20°	74720
25°	56181
30°	40968
35°	28884
40°	19809
45°	14172
50°	11599
55°	11202
60°	11315
65°	11571
70°	12053
75°	12878
80°	13386
85°	14844

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 15792 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	57.5	12.6
10°-20°	117.3	25.7
20°-30°	106.9	23.4
30°-40°	68.0	14.9
40°-50°	36.4	8.0
50°-60°	26.6	5.8
60°-70°	22.4	4.9
70°-80°	15.6	3.4
80°-90°	6.2	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°	281.7	61.6
0°-40°	349.7	76.5
0°-60°	412.8	90.3
0°-90°	457.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	457.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	677	
5°	636	58
15°	422	117
25°	232	107
35°	108	68
45°	46	36
55°	29	27
65°	22	22
75°	15	16
85°	6	6
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	676.7
2.5°	666.1
5°	635.6
7.5°	591.1
10°	537.1
12.5°	479.6
15°	422.2
17.5°	369.4
20°	320.2
22.5°	274.4
25°	232.2
27.5°	194.7
30°	161.8
32.5°	131.3
35°	107.9
37.5°	85.6
40°	69.2
42.5°	55.1
45°	45.7
47.5°	37.5
50°	34.0
52.5°	31.7
55°	29.3
57.5°	28.1
60°	25.8
62.5°	24.6
65°	22.3
67.5°	21.1
70°	18.8
72.5°	16.4
75°	15.2
77.5°	12.9
80°	10.6
82.5°	9.4
85°	5.9
87.5°	2.3
90°	0.0

(END OF REPORT)