

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: P1267459

Luminaire Tested: P3A13R309735DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1267459
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: P3A13R309735DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 97CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

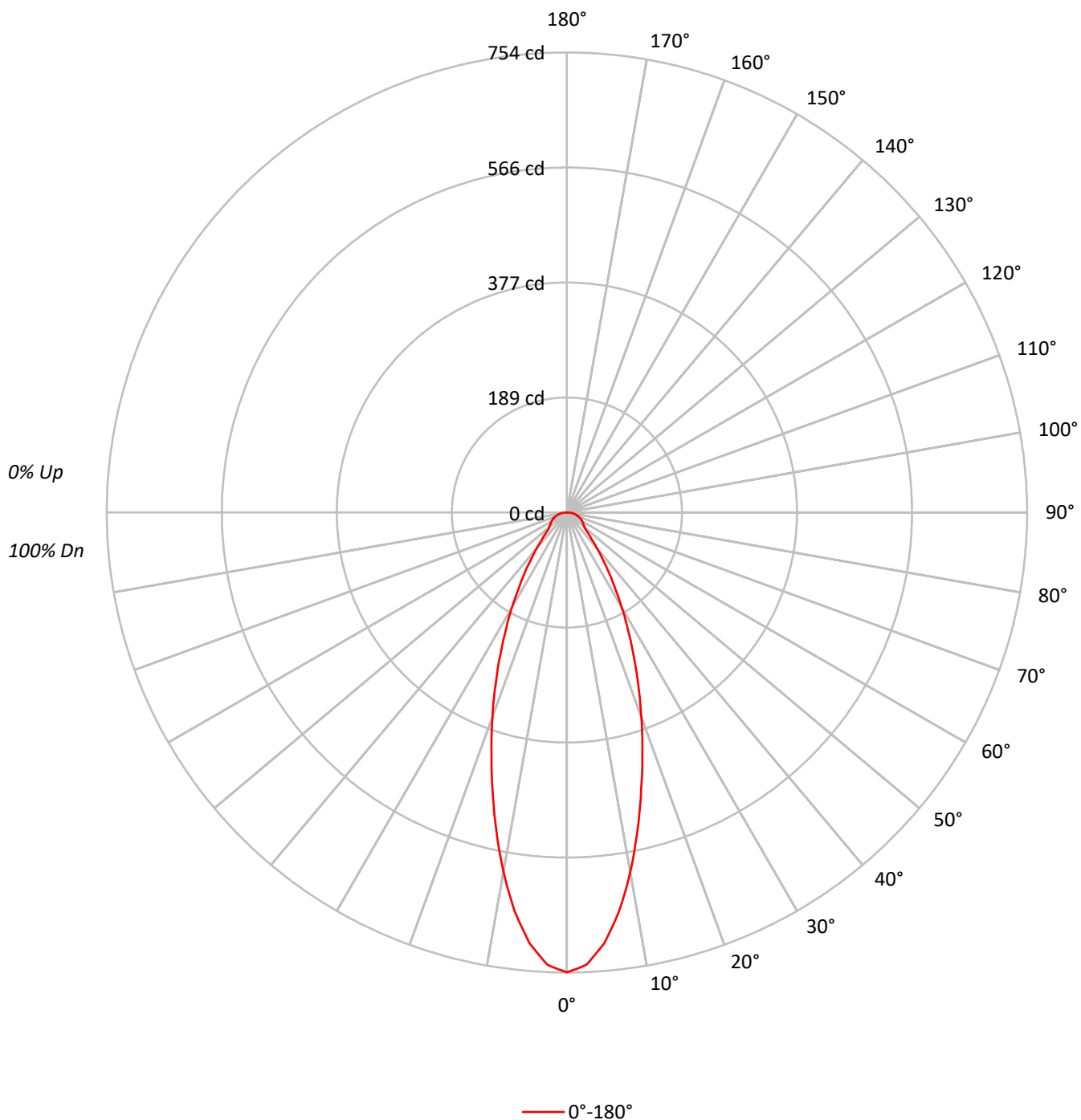
Lumens per Lamp: N/A
Luminaire Lumens: 509.0 lumens
Efficiency: N/A
Efficacy: 34.9 lumens/watt
Spacing Criteria (0/90/45): 0.6 / 0.6 / 0.67
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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	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°	165272
5°	155822
10°	133197
15°	106743
20°	83214
25°	62568
30°	45653
35°	32177
40°	22070
45°	15785
50°	12929
55°	12501
60°	12587
65°	12868
70°	13400
75°	14403
80°	14901
85°	16354

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 17472 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	64.1	12.6
10°-20°	130.7	25.7
20°-30°	119.0	23.4
30°-40°	75.8	14.9
40°-50°	40.6	8.0
50°-60°	29.7	5.8
60°-70°	24.9	4.9
70°-80°	17.4	3.4
80°-90°	6.9	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°	313.8	61.6
0°-40°	389.5	76.5
0°-60°	459.8	90.3
0°-90°	509.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	509.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	754	
5°	708	64
15°	470	131
25°	259	119
35°	120	76
45°	51	41
55°	33	30
65°	25	25
75°	17	17
85°	6	7
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	753.7
2.5°	741.9
5°	707.9
7.5°	658.3
10°	598.2
12.5°	534.2
15°	470.2
17.5°	411.4
20°	356.6
22.5°	305.6
25°	258.6
27.5°	216.8
30°	180.3
32.5°	146.3
35°	120.2
37.5°	95.4
40°	77.1
42.5°	61.4
45°	50.9
47.5°	41.8
50°	37.9
52.5°	35.3
55°	32.7
57.5°	31.3
60°	28.7
62.5°	27.4
65°	24.8
67.5°	23.5
70°	20.9
72.5°	18.3
75°	17.0
77.5°	14.4
80°	11.8
82.5°	10.4
85°	6.5
87.5°	2.6
90°	0.0

(END OF REPORT)