

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: P1267369

Luminaire Tested: P3A13R159735DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1267369
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-5)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R159735DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 3500K CCT AND, 97CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

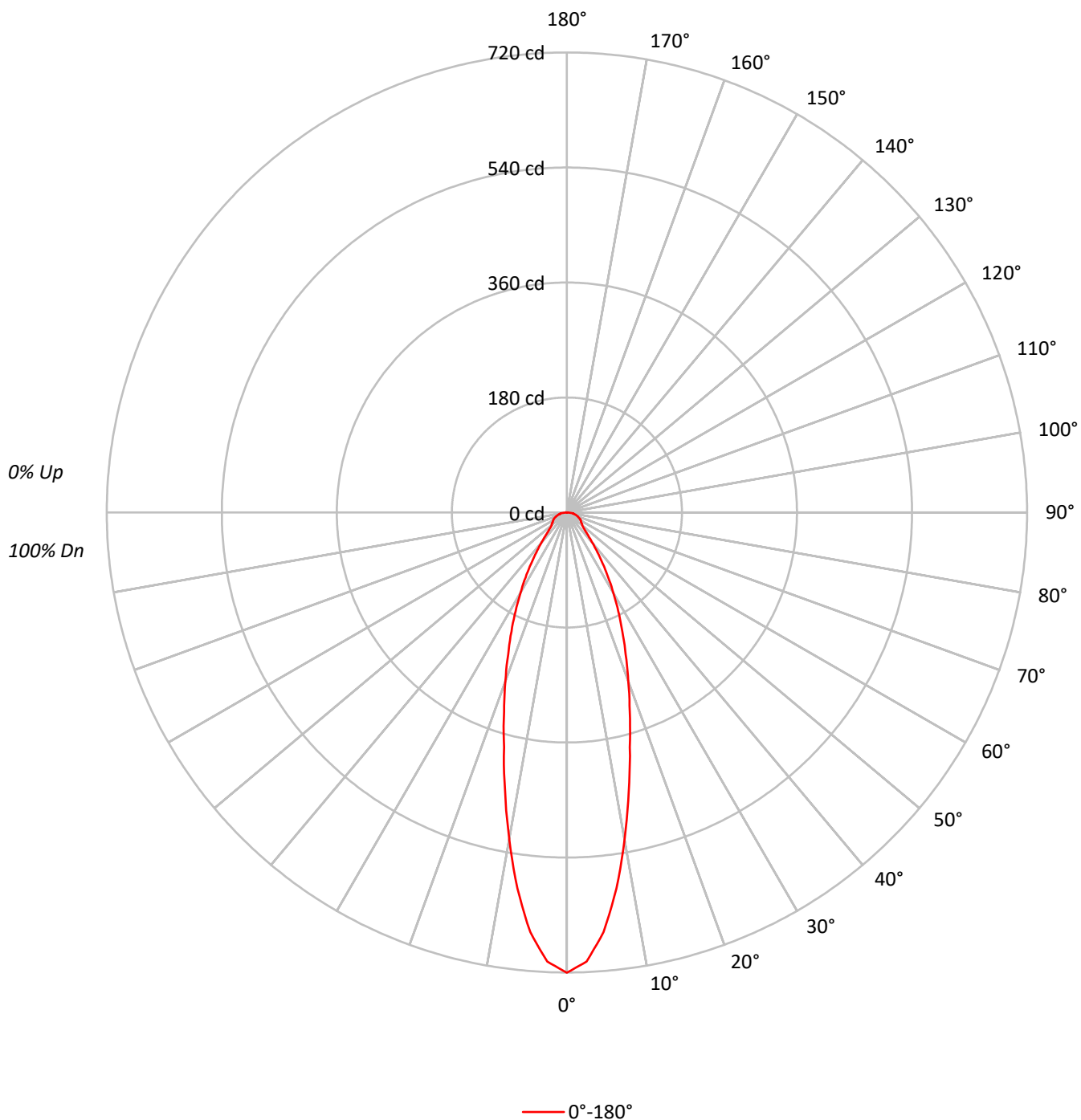
Lumens per Lamp: N/A
Luminaire Lumens: 422.0 lumens
Efficiency: N/A
Efficacy: 28.9 lumens/watt
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.6
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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				0
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		0
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		100
1	112	108	105	102	109	106	103	100	102	99	97		98	96	94		90
2	105	99	94	90	102	97	92	89	94	90	87		91	87	85		81
3	99	91	85	80	96	89	84	80	87	82	78		84	80	77		74
4	93	84	78	73	91	83	77	72	81	76	71		79	74	71		68
5	88	78	72	67	86	77	71	67	76	70	66		74	69	65		63
6	83	73	67	62	82	73	66	62	71	65	61		70	65	61		59
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		55
8	75	65	59	54	74	65	58	54	63	58	54		62	57	54		52
9	72	62	55	51	71	61	55	51	60	55	51		59	54	51		49
10	69	59	52	48	68	58	52	48	57	52	48		56	51	48		46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	157948
5°	145036
10°	115562
15°	86357
20°	65596
25°	49648
30°	36740
35°	26234
40°	17948
45°	12559
50°	10712
55°	10513
60°	10876
65°	11519
70°	11733
75°	12200
80°	13259
85°	13083

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 15456 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	58.4	13.8
10°-20°	106.7	25.3
20°-30°	94.5	22.4
30°-40°	61.9	14.7
40°-50°	33.1	7.8
50°-60°	25.0	5.9
60°-70°	21.5	5.1
70°-80°	14.9	3.5
80°-90°	6.1	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°	259.6	61.5
0°-40°	321.5	76.2
0°-60°	379.6	89.9
0°-90°	422.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	422.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	720	
5°	659	58
15°	380	107
25°	205	95
35°	98	62
45°	40	33
55°	28	25
65°	22	22
75°	14	15
85°	5	6
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	720.3
2.5°	703.3
5°	658.9
7.5°	593.5
10°	519.0
12.5°	447.1
15°	380.4
17.5°	326.8
20°	281.1
22.5°	240.5
25°	205.2
27.5°	173.9
30°	145.1
32.5°	120.3
35°	98.0
37.5°	78.4
40°	62.7
42.5°	49.7
45°	40.5
47.5°	35.3
50°	31.4
52.5°	30.1
55°	27.5
57.5°	26.1
60°	24.8
62.5°	23.5
65°	22.2
67.5°	19.6
70°	18.3
72.5°	15.7
75°	14.4
77.5°	11.8
80°	10.5
82.5°	9.2
85°	5.2
87.5°	2.6
90°	0.0

(END OF REPORT)