

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: P1262610

Luminaire Tested: P3A13R159727DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1262610
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R159727DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 2700K CCT AND, 97CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

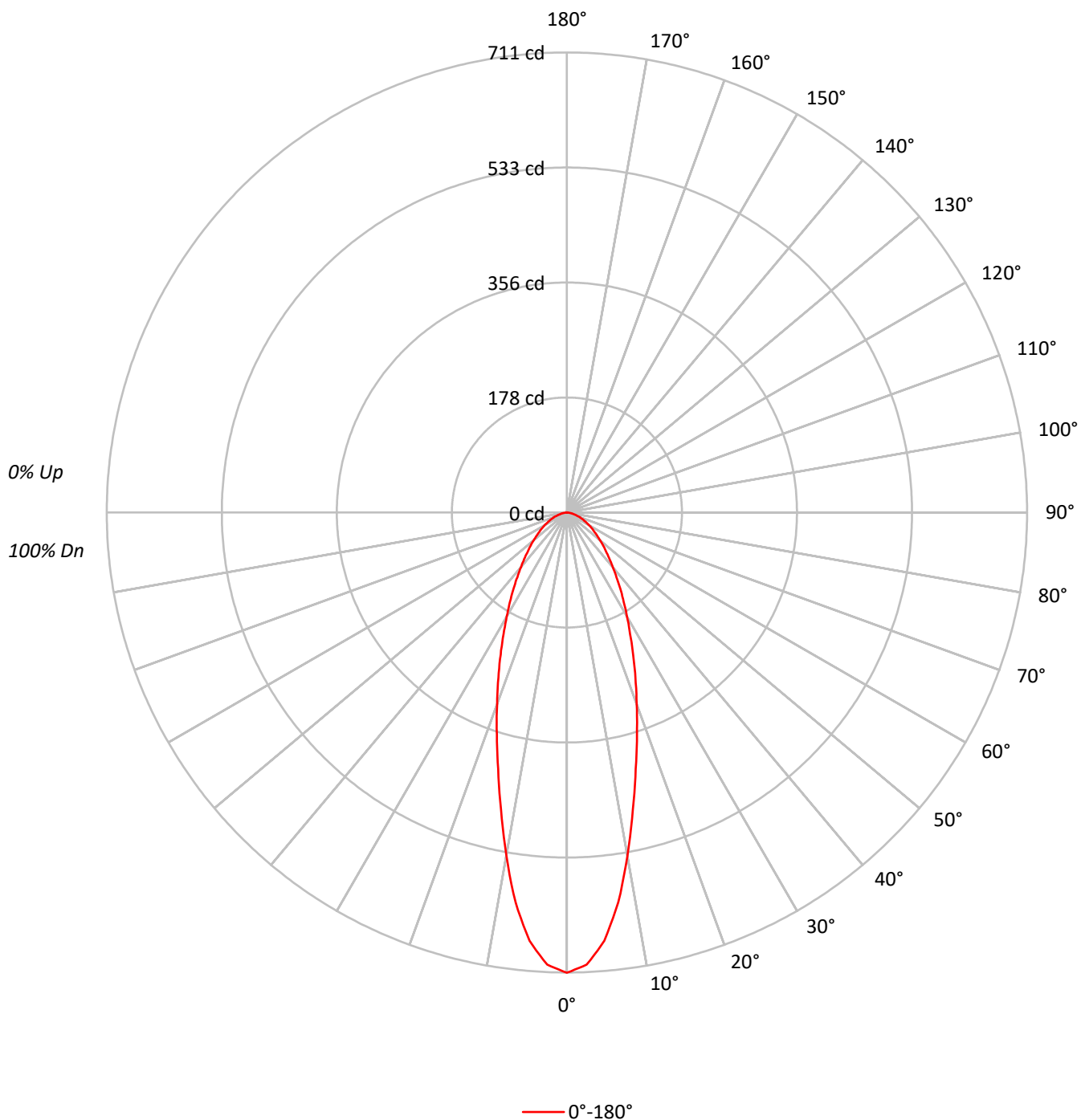
Lumens per Lamp: N/A
Luminaire Lumens: 536.0 lumens
Efficiency: N/A
Efficacy: 36.7 lumens/watt
Spacing Criteria (0/90/45): 0.56 / 0.56 / 0.66
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	95		95
2	104	98	93	89	102	97	92	88	93	89	86		90	87	84		87
3	98	90	83	79	96	88	83	78	85	81	77		83	79	75		81
4	92	82	76	70	90	81	75	70	79	73	69		77	72	68		75
5	86	76	69	64	84	75	68	63	73	67	63		71	66	62		70
6	81	70	63	58	79	70	63	58	68	62	58		67	61	57		65
7	77	66	59	54	75	65	58	54	64	58	53		62	57	53		61
8	72	61	55	50	71	61	54	50	60	54	49		59	53	49		58
9	69	58	51	46	68	57	51	46	56	50	46		55	50	46		54
10	65	54	48	44	64	54	48	44	53	47	43		52	47	43		52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	155974
5°	146225
10°	119904
15°	93145
20°	73530
25°	58600
30°	47045
35°	38387
40°	31631
45°	26607
50°	22856
55°	19765
60°	17542
65°	15255
70°	13592
75°	10929
80°	8966
85°	6038

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 26607 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	59.3	11.1
10°-20°	114.9	21.4
20°-30°	111.7	20.8
30°-40°	90.3	16.8
40°-50°	67.0	12.5
50°-60°	46.9	8.7
60°-70°	29.4	5.5
70°-80°	13.9	2.6
80°-90°	2.6	0.5
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°	286.0	53.4
0°-40°	376.3	70.2
0°-60°	490.1	91.4
0°-90°	536.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	536.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	711	
5°	664	59
15°	410	115
25°	242	112
35°	143	90
45°	86	67
55°	52	47
65°	29	29
75°	13	14
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	711.3
2.5°	699.6
5°	664.3
7.5°	607.9
10°	538.5
12.5°	470.3
15°	410.3
17.5°	359.8
20°	315.1
22.5°	276.3
25°	242.2
27.5°	211.6
30°	185.8
32.5°	163.4
35°	143.4
37.5°	125.8
40°	110.5
42.5°	97.6
45°	85.8
47.5°	76.4
50°	67.0
52.5°	58.8
55°	51.7
57.5°	45.9
60°	40.0
62.5°	34.1
65°	29.4
67.5°	24.7
70°	21.2
72.5°	16.5
75°	12.9
77.5°	9.4
80°	7.1
82.5°	3.5
85°	2.4
87.5°	0.0
90°	0.0

(END OF REPORT)