

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: P1264989

Luminaire Tested: P3A13R159730DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1264989
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: P3A13R159730DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 3000K CCT AND, 97CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

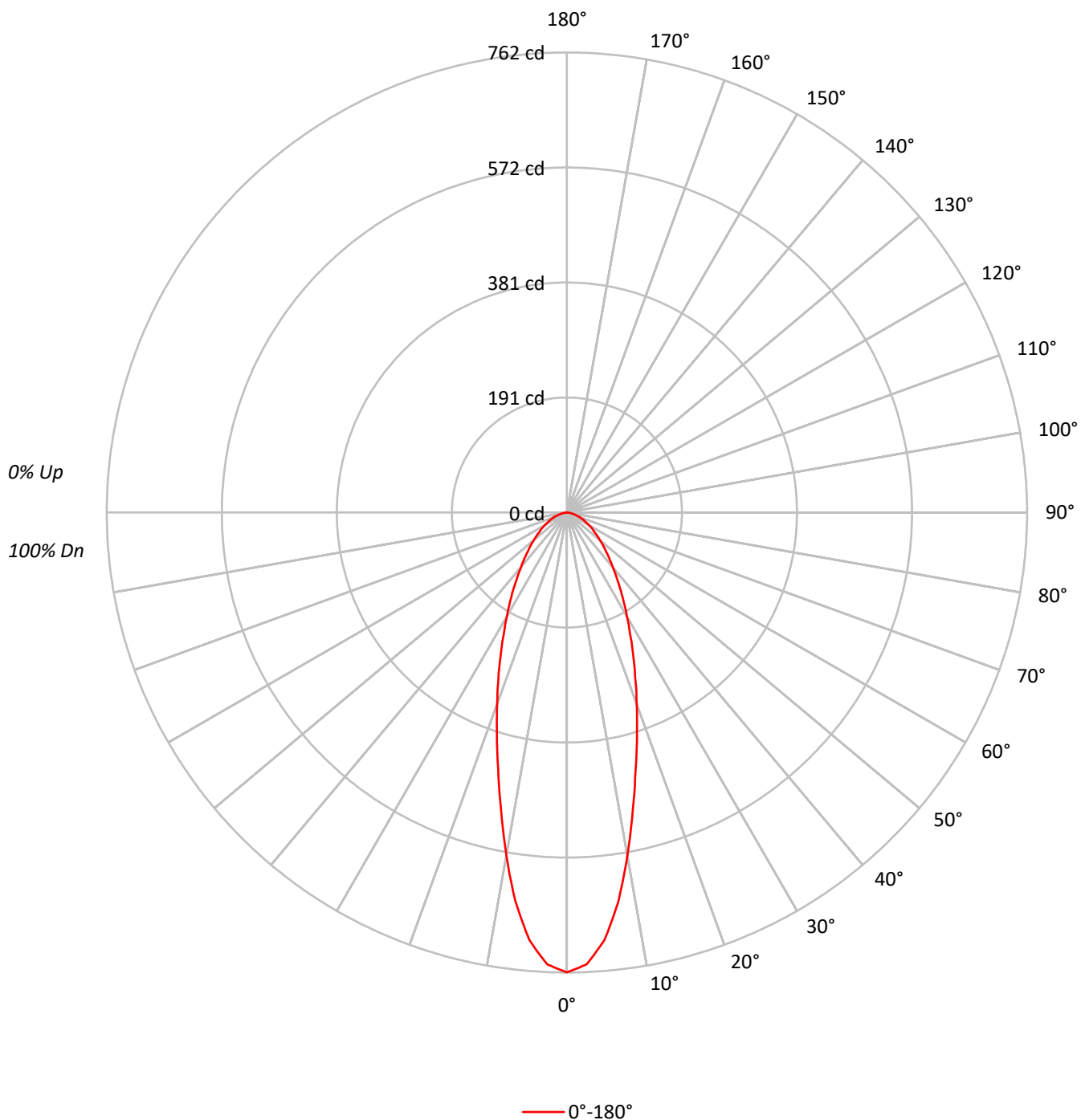
Lumens per Lamp: N/A
Luminaire Lumens: 574.0 lumens
Efficiency: N/A
Efficacy: 39.3 lumens/watt
Spacing Criteria (0/90/45): 0.56 / 0.56 / 0.67
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	95		95
2	104	98	93	89	102	97	92	88	93	89	86		90	87	84		87
3	98	90	84	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	71	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	47	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°	167026
5°	156592
10°	128410
15°	99751
20°	78734
25°	62762
30°	50362
35°	41118
40°	33892
45°	28499
50°	24494
55°	21180
60°	18770
65°	16344
70°	14554
75°	11692
80°	9597
85°	6290

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 28499 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	63.5	11.1
10°-20°	123.1	21.4
20°-30°	119.6	20.8
30°-40°	96.7	16.8
40°-50°	71.8	12.5
50°-60°	50.2	8.7
60°-70°	31.4	5.5
70°-80°	14.9	2.6
80°-90°	2.7	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°	306.2	53.4
0°-40°	402.9	70.2
0°-60°	524.9	91.4
0°-90°	574.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	574.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	762	
5°	711	64
15°	439	123
25°	259	120
35°	154	97
45°	92	72
55°	55	50
65°	32	31
75°	14	15
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	761.7
2.5°	749.2
5°	711.4
7.5°	650.9
10°	576.7
12.5°	503.6
15°	439.4
17.5°	385.3
20°	337.4
22.5°	295.9
25°	259.4
27.5°	226.6
30°	198.9
32.5°	175.0
35°	153.6
37.5°	134.7
40°	118.4
42.5°	104.5
45°	91.9
47.5°	81.8
50°	71.8
52.5°	63.0
55°	55.4
57.5°	49.1
60°	42.8
62.5°	36.5
65°	31.5
67.5°	26.4
70°	22.7
72.5°	17.6
75°	13.8
77.5°	10.1
80°	7.6
82.5°	3.8
85°	2.5
87.5°	0.0
90°	0.0

(END OF REPORT)