

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: P1261410

Luminaire Tested: P3AS02R159727DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261410
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: P3AS02R159727DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 2700K CCT AND, 97CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

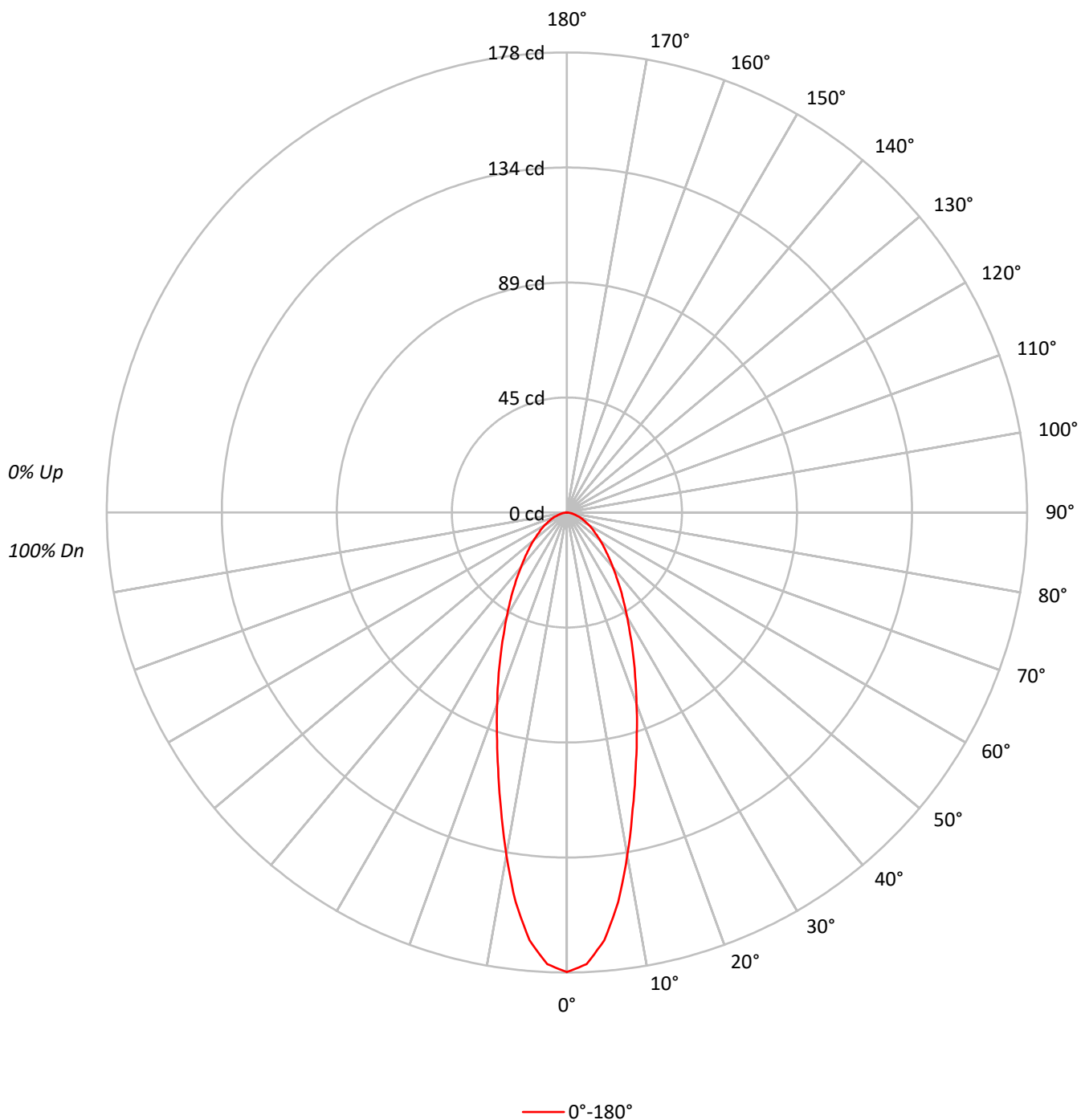
Lumens per Lamp: N/A
Luminaire Lumens: 134.1 lumens
Efficiency: N/A
Efficacy: 37.2 lumens/watt
Spacing Criteria (0/90/45): 0.56 / 0.56 / 0.67
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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

TEST NUMBER: P1261410

CATALOG NUMBER: P3AS02R159727DE010 E3PHLD1MW

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	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	100
1	112	108	105	102	109	106	103	101	102	100	97	98	96	95	95	93	92	92	92	90
2	104	98	93	89	102	97	92	88	93	89	86	90	87	84	87	85	82	82	82	80
3	98	90	83	79	96	88	83	78	85	81	77	83	79	75	81	77	74	74	74	72
4	92	82	76	70	90	81	75	70	79	73	69	77	72	68	75	71	67	67	67	66
5	86	76	69	64	84	75	68	63	73	67	63	71	66	62	70	65	62	62	62	60
6	81	70	63	58	79	70	63	58	68	62	58	67	61	57	65	60	57	57	57	55
7	77	66	59	54	75	65	58	54	64	58	53	62	57	53	61	56	53	53	53	51
8	72	61	55	50	71	61	54	50	60	54	49	59	53	49	58	53	49	49	49	47
9	69	58	51	46	68	57	51	46	56	50	46	55	50	46	54	49	46	46	46	44
10	65	54	48	44	64	54	48	44	53	47	43	52	47	43	52	47	43	43	43	42

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	38988
5°	36562
10°	29970
15°	23292
20°	18388
25°	14662
30°	11749
35°	9610
40°	7901
45°	6667
50°	5731
55°	4932
60°	4386
65°	3788
70°	3398
75°	2711
80°	2273
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 6667 cd/sqm

TEST NUMBER: P1261410

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	14.8	11.1
10°-20°	28.7	21.4
20°-30°	27.9	20.8
30°-40°	22.6	16.9
40°-50°	16.8	12.5
50°-60°	11.7	8.7
60°-70°	7.3	5.5
70°-80°	3.5	2.6
80°-90°	0.7	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°	71.5	53.3
0°-40°	94.1	70.2
0°-60°	122.6	91.4
0°-90°	134.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	134.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	178	
5°	166	15
15°	103	29
25°	61	28
35°	36	23
45°	22	17
55°	13	12
65°	7	7
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	177.8
2.5°	174.9
5°	166.1
7.5°	152.0
10°	134.6
12.5°	117.6
15°	102.6
17.5°	89.9
20°	78.8
22.5°	69.1
25°	60.6
27.5°	52.9
30°	46.4
32.5°	40.9
35°	35.9
37.5°	31.5
40°	27.6
42.5°	24.4
45°	21.5
47.5°	19.1
50°	16.8
52.5°	14.7
55°	12.9
57.5°	11.5
60°	10.0
62.5°	8.5
65°	7.3
67.5°	6.2
70°	5.3
72.5°	4.1
75°	3.2
77.5°	2.4
80°	1.8
82.5°	0.9
85°	0.6
87.5°	0.0
90°	0.0

(END OF REPORT)