

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: P1261468

Luminaire Tested: P3AS02R259727DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261468
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R259727DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 97CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

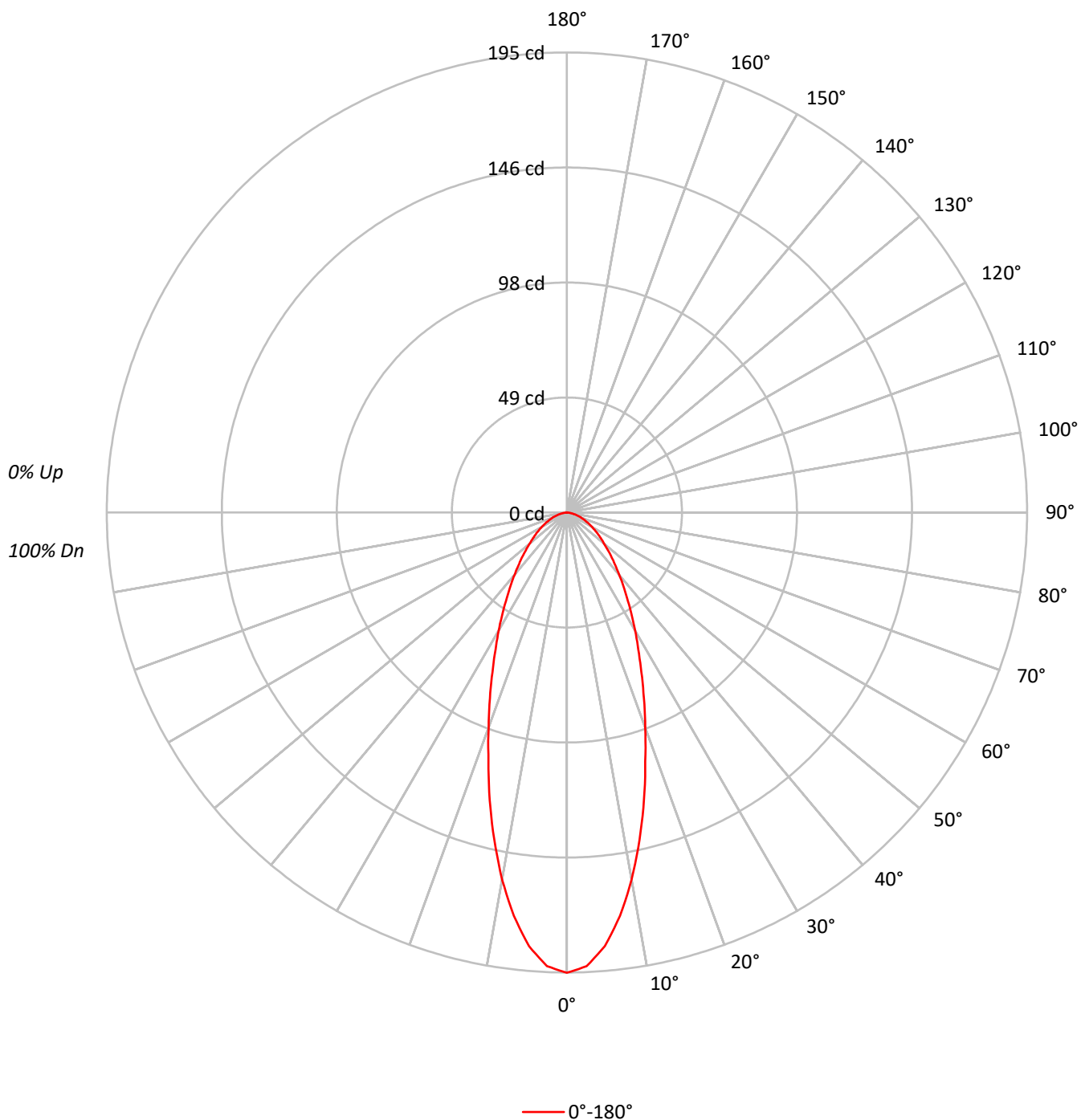
Lumens per Lamp: N/A
Luminaire Lumens: 164.0 lumens
Efficiency: N/A
Efficacy: 45.6 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.71
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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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	100	102	99	97		98	96	94		95
2	104	98	93	89	102	96	92	88	93	89	86		90	87	84		87
3	97	89	83	78	95	88	82	77	85	80	76		83	78	75		80
4	91	82	75	70	89	81	74	69	78	73	69		76	72	68		74
5	86	76	68	63	84	75	68	63	73	67	62		71	66	62		69
6	81	70	63	58	79	69	62	57	68	62	57		66	61	57		65
7	76	65	58	53	75	64	58	53	63	57	53		62	56	52		61
8	72	61	54	49	71	60	54	49	59	53	49		58	53	49		57
9	68	57	50	46	67	57	50	46	56	50	46		55	49	45		54
10	65	54	47	43	64	53	47	43	52	47	43		52	46	43		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	42782
5°	40612
10°	35181
15°	28649
20°	22635
25°	18049
30°	14635
35°	11912
40°	9876
45°	8311
50°	7027
55°	6193
60°	5438
65°	4722
70°	4167
75°	3474
80°	2652
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 8311 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.8	10.2
10°-20°	35.0	21.3
20°-30°	34.5	21.0
30°-40°	28.1	17.1
40°-50°	20.8	12.7
50°-60°	14.5	8.9
60°-70°	9.1	5.6
70°-80°	4.4	2.7
80°-90°	0.9	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°	86.2	52.6
0°-40°	114.3	69.7
0°-60°	149.7	91.3
0°-90°	164.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	164.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	195	
5°	184	17
15°	126	35
25°	75	34
35°	44	28
45°	27	21
55°	16	15
65°	9	9
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	195.1
2.5°	192.5
5°	184.5
7.5°	172.4
10°	158.0
12.5°	142.1
15°	126.2
17.5°	110.5
20°	97.0
22.5°	85.2
25°	74.6
27.5°	65.4
30°	57.8
32.5°	50.7
35°	44.5
37.5°	39.2
40°	34.5
42.5°	30.4
45°	26.8
47.5°	23.6
50°	20.6
52.5°	18.3
55°	16.2
57.5°	14.1
60°	12.4
62.5°	10.6
65°	9.1
67.5°	7.7
70°	6.5
72.5°	5.3
75°	4.1
77.5°	2.9
80°	2.1
82.5°	1.2
85°	0.6
87.5°	0.3
90°	0.0

(END OF REPORT)