

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: P1253464

Luminaire Tested: P3AS02R259035DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253464
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: P3AS02R259035DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

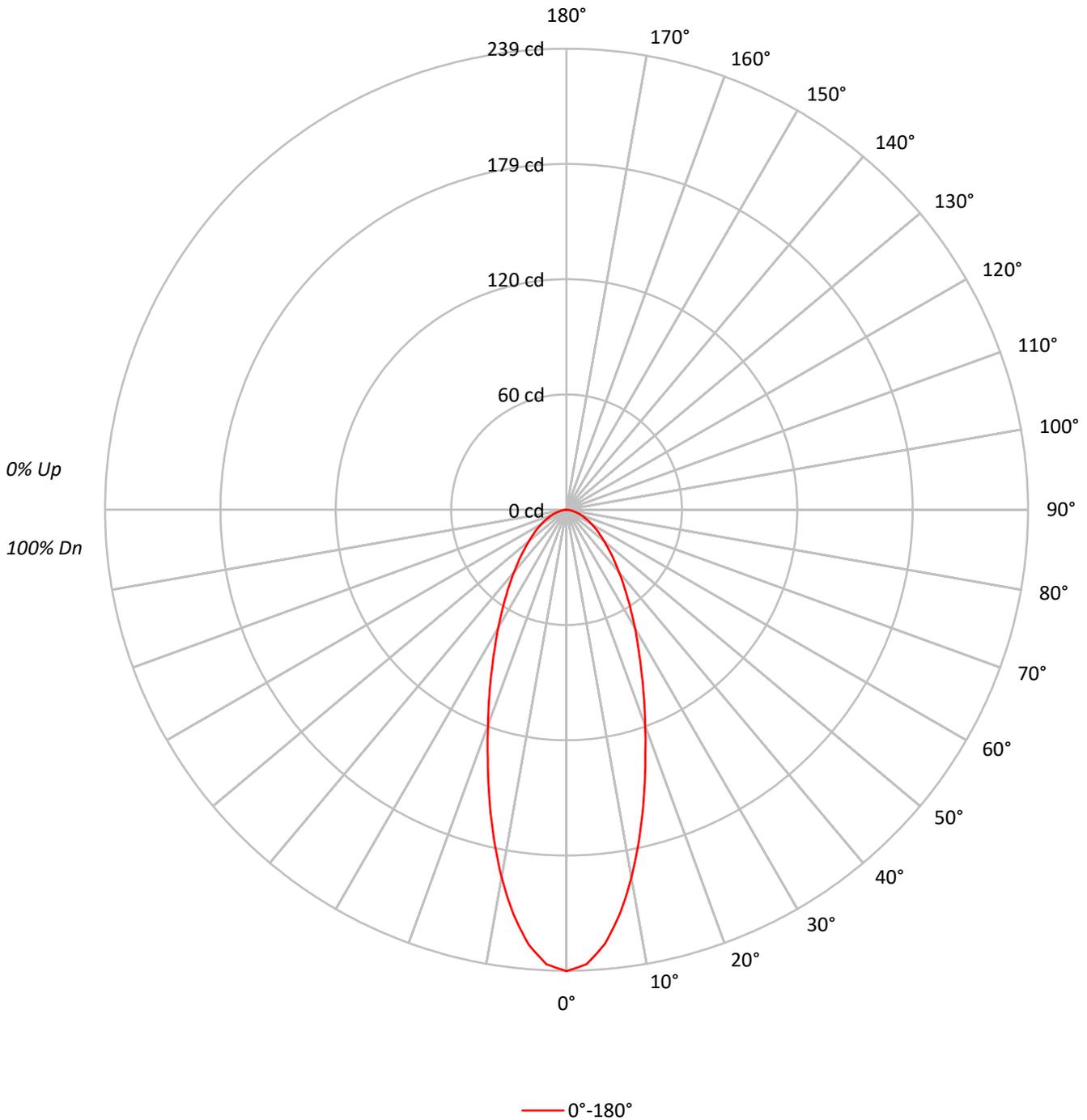
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 201.0 lumens
Efficiency: N/A
Efficacy: 55.8 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 (A_{in}): 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			0	
RW	70	50	30	10	70	50	30	10	50	30	10	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	102	102	102	100	100	100	100
1	112	108	105	102	109	106	103	100	102	99	97	98	96	94	95	93	92	90	90	90	90
2	104	98	93	89	102	96	92	88	93	89	86	90	87	84	87	84	82	80	80	80	80
3	97	89	83	78	95	88	82	77	85	80	76	83	78	75	80	77	74	72	72	72	72
4	91	82	75	70	89	81	74	69	78	73	69	76	72	68	74	70	67	65	65	65	65
5	86	76	68	63	84	75	68	63	73	67	62	71	66	62	69	65	61	59	59	59	59
6	81	70	63	58	79	69	62	57	68	62	57	66	61	57	65	60	56	55	55	55	55
7	76	65	58	53	75	64	58	53	63	57	53	62	56	52	61	56	52	50	50	50	50
8	72	61	54	49	71	60	54	49	59	53	49	58	53	49	57	52	48	47	47	47	47
9	68	57	50	46	67	57	50	46	56	50	46	55	49	45	54	49	45	44	44	44	44
10	65	54	47	43	64	53	47	43	52	47	43	52	46	43	51	46	42	41	41	41	41

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	52452
5°	49791
10°	43108
15°	35097
20°	27746
25°	22114
30°	17927
35°	14616
40°	12108
45°	10203
50°	8631
55°	7608
60°	6666
65°	5811
70°	5065
75°	4321
80°	3157
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 10203 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	20.5	10.2
10°-20°	42.9	21.3
20°-30°	42.3	21.0
30°-40°	34.4	17.1
40°-50°	25.5	12.7
50°-60°	17.8	8.9
60°-70°	11.2	5.6
70°-80°	5.4	2.7
80°-90°	1.0	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°	105.7	52.6
0°-40°	140.1	69.7
0°-60°	183.4	91.3
0°-90°	201.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	201.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	239	
5°	226	21
15°	155	43
25°	91	42
35°	55	34
45°	33	26
55°	20	18
65°	11	11
75°	5	5
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	239.2
2.5°	235.9
5°	226.2
7.5°	211.4
10°	193.6
12.5°	174.1
15°	154.6
17.5°	135.5
20°	118.9
22.5°	104.4
25°	91.4
27.5°	80.2
30°	70.8
32.5°	62.1
35°	54.6
37.5°	48.1
40°	42.3
42.5°	37.2
45°	32.9
47.5°	28.9
50°	25.3
52.5°	22.4
55°	19.9
57.5°	17.3
60°	15.2
62.5°	13.0
65°	11.2
67.5°	9.4
70°	7.9
72.5°	6.5
75°	5.1
77.5°	3.6
80°	2.5
82.5°	1.4
85°	0.7
87.5°	0.4
90°	0.0

(END OF REPORT)