

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: P1275008

Luminaire Tested: P3AS02R209835DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275008
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R209835DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 3500K CCT AND, 98CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

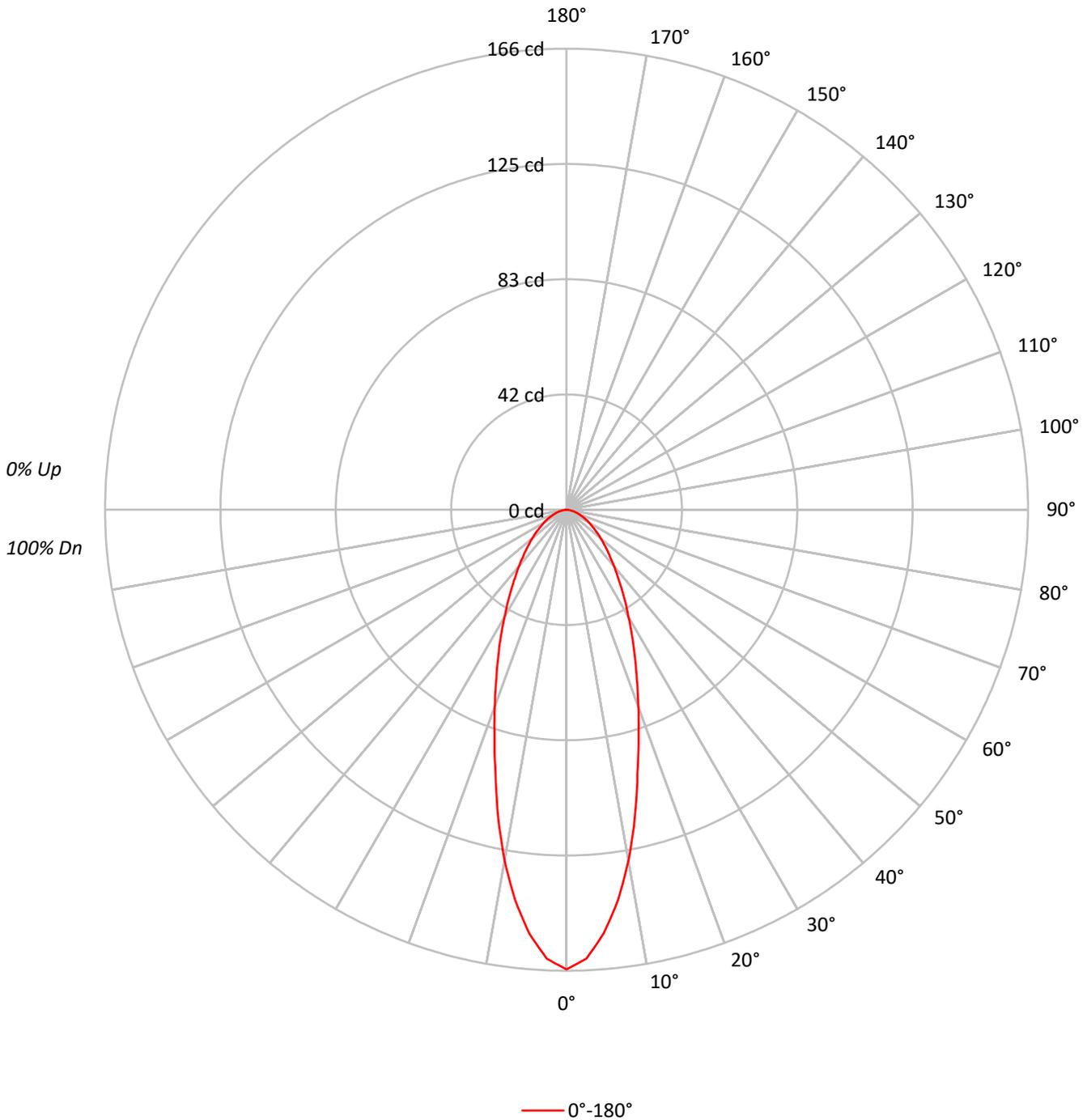
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 128.0 lumens
Efficiency: N/A
Efficacy: 35.5 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.68
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	101	102	100	97	98	96	95	95	93	92	90	90	90	90
2	104	98	93	89	102	96	92	88	93	89	86	90	87	84	87	85	82	80	80	80	80
3	98	90	83	79	96	88	82	78	85	81	77	83	79	75	81	77	74	72	72	72	72
4	92	82	76	70	90	81	75	70	79	73	69	77	72	68	75	71	67	66	66	66	66
5	86	76	69	64	84	75	68	63	73	67	63	71	66	62	70	65	62	60	60	60	60
6	81	70	63	58	79	70	63	58	68	62	58	66	61	57	65	60	57	55	55	55	55
7	76	66	59	54	75	65	58	53	64	58	53	62	57	53	61	56	53	51	51	51	51
8	72	61	54	50	71	61	54	50	60	54	49	58	53	49	57	53	49	47	47	47	47
9	69	58	51	46	67	57	51	46	56	50	46	55	50	46	54	49	46	44	44	44	44
10	65	54	48	43	64	54	48	43	53	47	43	52	47	43	51	47	43	42	42	42	42

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	36291
5°	33722
10°	28545
15°	22361
20°	17595
25°	14033
30°	11268
35°	9182
40°	7614
45°	6419
50°	5492
55°	4702
60°	4122
65°	3632
70°	3077
75°	2711
80°	2020
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 6419 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	13.8	10.8
10°-20°	27.6	21.5
20°-30°	26.8	20.9
30°-40°	21.6	16.9
40°-50°	16.1	12.6
50°-60°	11.1	8.7
60°-70°	7.0	5.5
70°-80°	3.4	2.6
80°-90°	0.6	0.4
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°	68.2	53.3
0°-40°	89.8	70.2
0°-60°	117.0	91.5
0°-90°	128.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	128.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	166	
5°	153	14
15°	98	28
25°	58	27
35°	34	22
45°	21	16
55°	12	11
65°	7	7
75°	3	3
85°	0	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	165.5
2.5°	161.8
5°	153.2
7.5°	141.7
10°	128.2
12.5°	113.5
15°	98.5
17.5°	86.1
20°	75.4
22.5°	66.0
25°	58.0
27.5°	51.0
30°	44.5
32.5°	39.2
35°	34.3
37.5°	30.1
40°	26.6
42.5°	23.3
45°	20.7
47.5°	18.2
50°	16.1
52.5°	14.2
55°	12.3
57.5°	10.7
60°	9.4
62.5°	8.3
65°	7.0
67.5°	5.9
70°	4.8
72.5°	4.0
75°	3.2
77.5°	2.4
80°	1.6
82.5°	0.8
85°	0.5
87.5°	0.0
90°	0.0

(END OF REPORT)