

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: P1251572

Luminaire Tested: P3AS09R309030DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1251572
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-12)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R309030DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

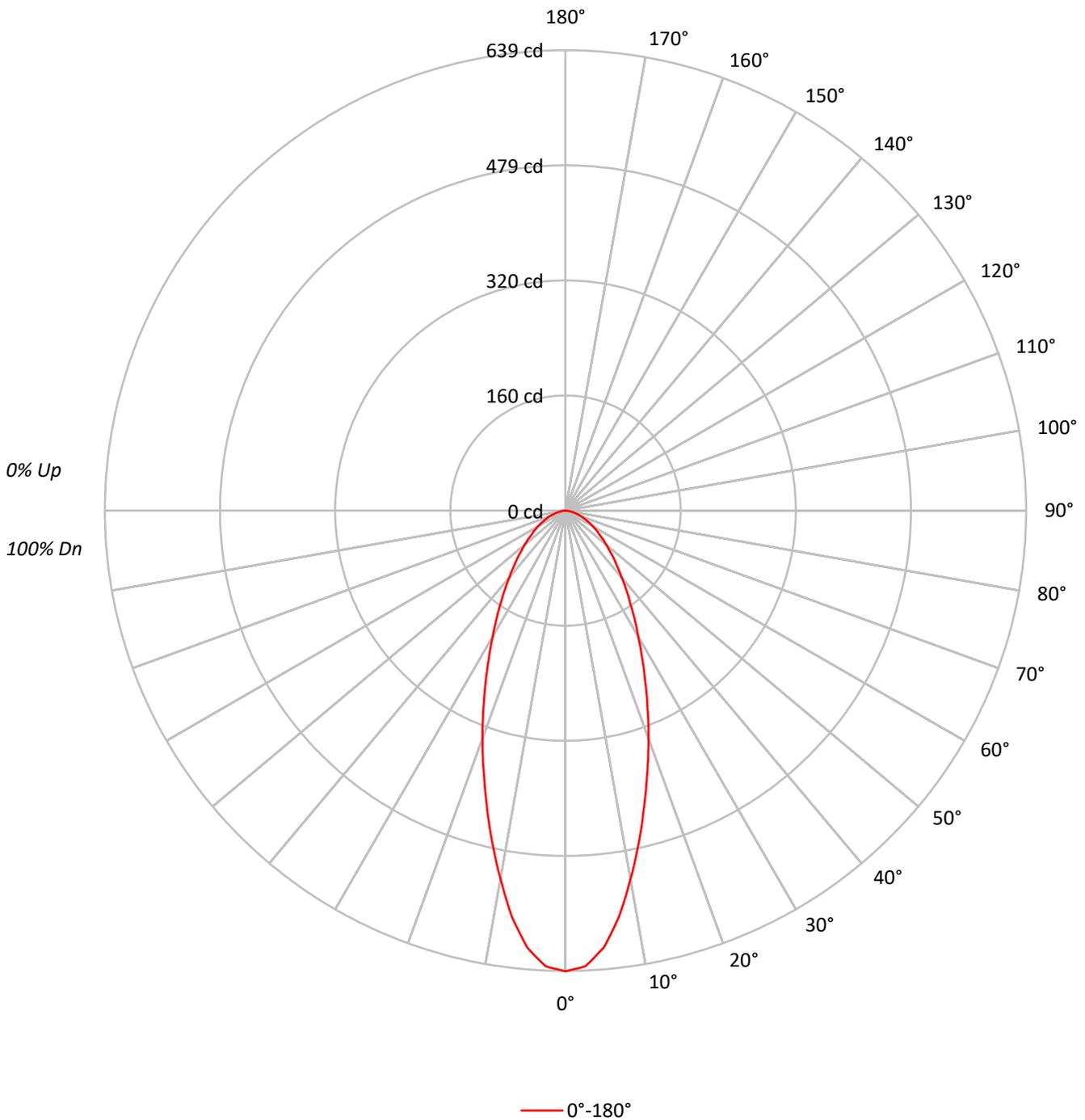
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 569.0 lumens
Efficiency: N/A
Efficacy: 51.3 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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	94	93	91	90	90	90	90
2	104	98	93	88	102	96	91	87	93	89	85	90	86	83	87	84	82	80	80	80	80
3	97	89	83	78	95	88	82	77	85	80	76	82	78	75	80	76	73	71	71	71	71
4	91	82	75	69	89	80	74	69	78	72	68	76	71	67	74	70	66	65	65	65	65
5	85	75	68	63	84	74	67	62	72	66	62	70	65	61	69	64	61	59	59	59	59
6	80	69	62	57	79	69	62	57	67	61	56	65	60	56	64	59	56	54	54	54	54
7	76	65	57	52	74	64	57	52	62	56	52	61	56	52	60	55	51	50	50	50	50
8	71	60	53	48	70	60	53	48	58	52	48	57	52	48	56	51	48	46	46	46	46
9	68	57	50	45	66	56	49	45	55	49	45	54	49	45	53	48	44	43	43	43	43
10	64	53	47	42	63	53	46	42	52	46	42	51	46	42	50	45	42	40	40	40	40

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	140208
5°	134008
10°	115585
15°	95823
20°	78547
25°	63318
30°	51021
35°	41814
40°	34722
45°	29460
50°	25210
55°	21791
60°	19428
65°	16967
70°	14874
75°	12539
80°	9345
85°	5284

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 29460 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	55.2	9.7
10°-20°	117.7	20.7
20°-30°	120.6	21.2
30°-40°	98.6	17.3
40°-50°	73.8	13.0
50°-60°	51.8	9.1
60°-70°	32.6	5.7
70°-80°	15.7	2.8
80°-90°	3.0	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°	293.5	51.6
0°-40°	392.1	68.9
0°-60°	517.7	91.0
0°-90°	569.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	569.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	639	
5°	609	55
15°	422	118
25°	262	121
35°	156	99
45°	95	74
55°	57	52
65°	33	33
75°	15	16
85°	2	3
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	639.4
2.5°	633.1
5°	608.8
7.5°	568.7
10°	519.1
12.5°	470.6
15°	422.1
17.5°	377.7
20°	336.6
22.5°	297.5
25°	261.7
27.5°	230.0
30°	201.5
32.5°	178.3
35°	156.2
37.5°	138.2
40°	121.3
42.5°	107.6
45°	95.0
47.5°	83.4
50°	73.9
52.5°	65.4
55°	57.0
57.5°	50.6
60°	44.3
62.5°	38.0
65°	32.7
67.5°	27.4
70°	23.2
72.5°	19.0
75°	14.8
77.5°	10.6
80°	7.4
82.5°	4.2
85°	2.1
87.5°	1.1
90°	0.0

(END OF REPORT)