

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: P1257362

Luminaire Tested: P3AS13R259040DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257362
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-7)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R259040DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

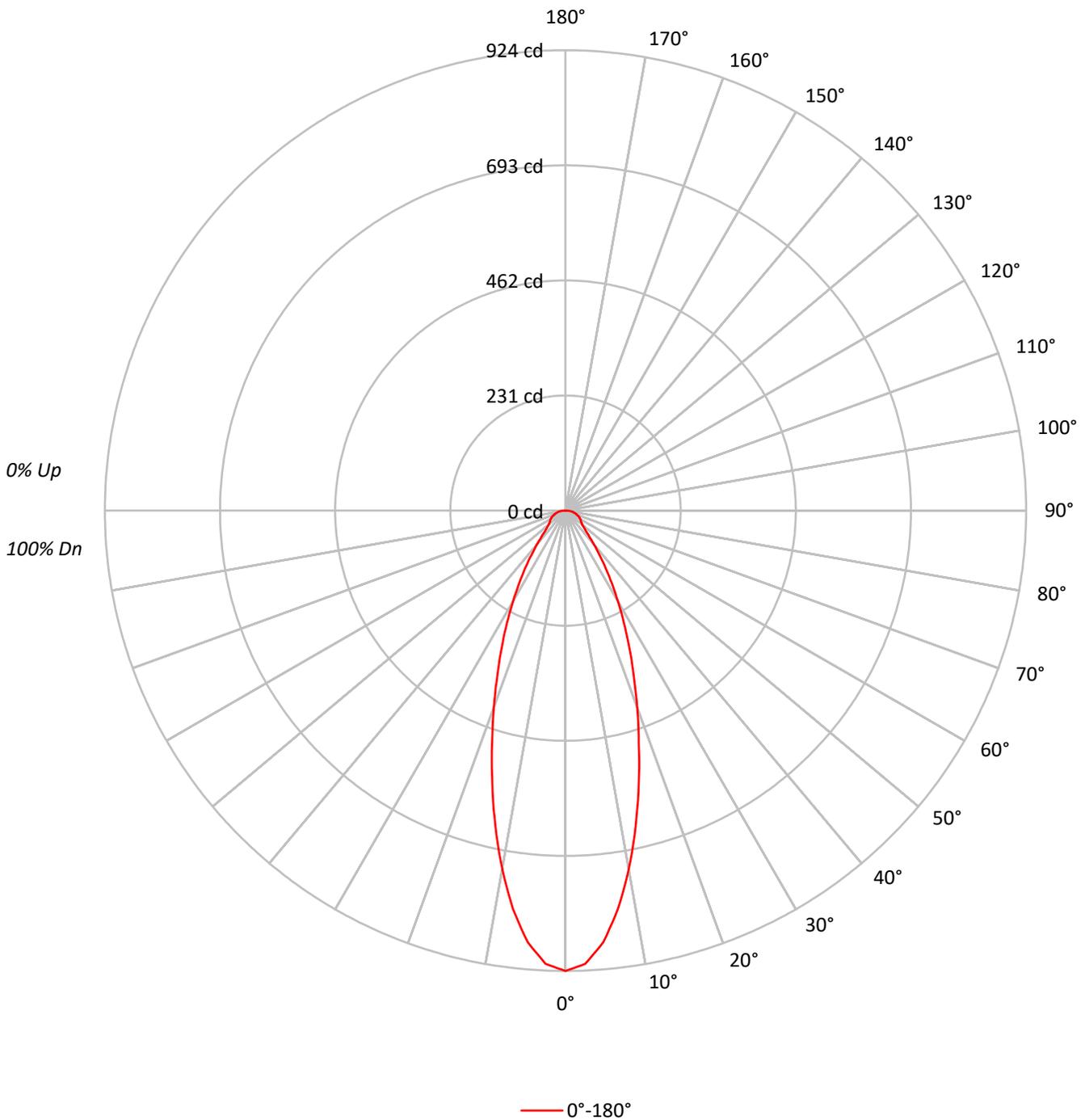
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 603.0 lumens
Efficiency: N/A
Efficacy: 41.3 lumens/watt
Spacing Criteria (0/90/45): 0.59 / 0.59 / 0.65
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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				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
1	112	108	105	102	109	106	103	101	102	100	97	98	96	95	95	93	92	90			90
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	85	83	81			81
3	99	91	85	80	97	90	84	80	87	82	78	84	80	77	82	79	76	74			74
4	93	84	78	73	91	83	77	73	81	76	72	79	74	71	77	73	70	68			68
5	88	79	72	67	86	78	71	67	76	70	66	74	69	66	72	68	65	63			63
6	84	74	67	62	82	73	66	62	71	66	61	70	65	61	68	64	61	59			59
7	79	69	63	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55			55
8	76	65	59	54	74	65	58	54	63	58	54	62	57	54	61	57	53	52			52
9	72	62	55	51	71	61	55	51	60	55	51	59	54	51	58	54	50	49			49
10	69	59	52	48	68	58	52	48	57	52	48	56	51	48	56	51	48	46			46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	202615
5°	191415
10°	162700
15°	128877
20°	97939
25°	73069
30°	53147
35°	37584
40°	25505
45°	17800
50°	14942
55°	14413
60°	15218
65°	15670
70°	15515
75°	16606
80°	19068
85°	18870

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 82.5°
 Luminance: 20328 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	78.5	13.0
10°-20°	157.1	26.1
20°-30°	139.1	23.1
30°-40°	88.6	14.7
40°-50°	46.9	7.8
50°-60°	34.5	5.7
60°-70°	29.4	4.9
70°-80°	20.7	3.4
80°-90°	8.2	1.4
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°	374.8	62.1
0°-40°	463.4	76.8
0°-60°	544.7	90.3
0°-90°	603.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	603.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	924	
5°	870	78
15°	568	157
25°	302	139
35°	140	89
45°	57	47
55°	38	34
65°	30	29
75°	20	21
85°	8	8
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	924.0
2.5°	910.4
5°	869.6
7.5°	806.2
10°	730.7
12.5°	649.2
15°	567.7
17.5°	489.2
20°	419.7
22.5°	356.3
25°	302.0
27.5°	253.6
30°	209.9
32.5°	172.1
35°	140.4
37.5°	111.7
40°	89.1
42.5°	71.0
45°	57.4
47.5°	49.8
50°	43.8
52.5°	40.8
55°	37.7
57.5°	36.2
60°	34.7
62.5°	31.7
65°	30.2
67.5°	27.2
70°	24.2
72.5°	22.6
75°	19.6
77.5°	16.6
80°	15.1
82.5°	12.1
85°	7.5
87.5°	3.0
90°	0.0

(END OF REPORT)