

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: P1253465

Luminaire Tested: P3AS02R259035DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253465
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: P3AS02R259035DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

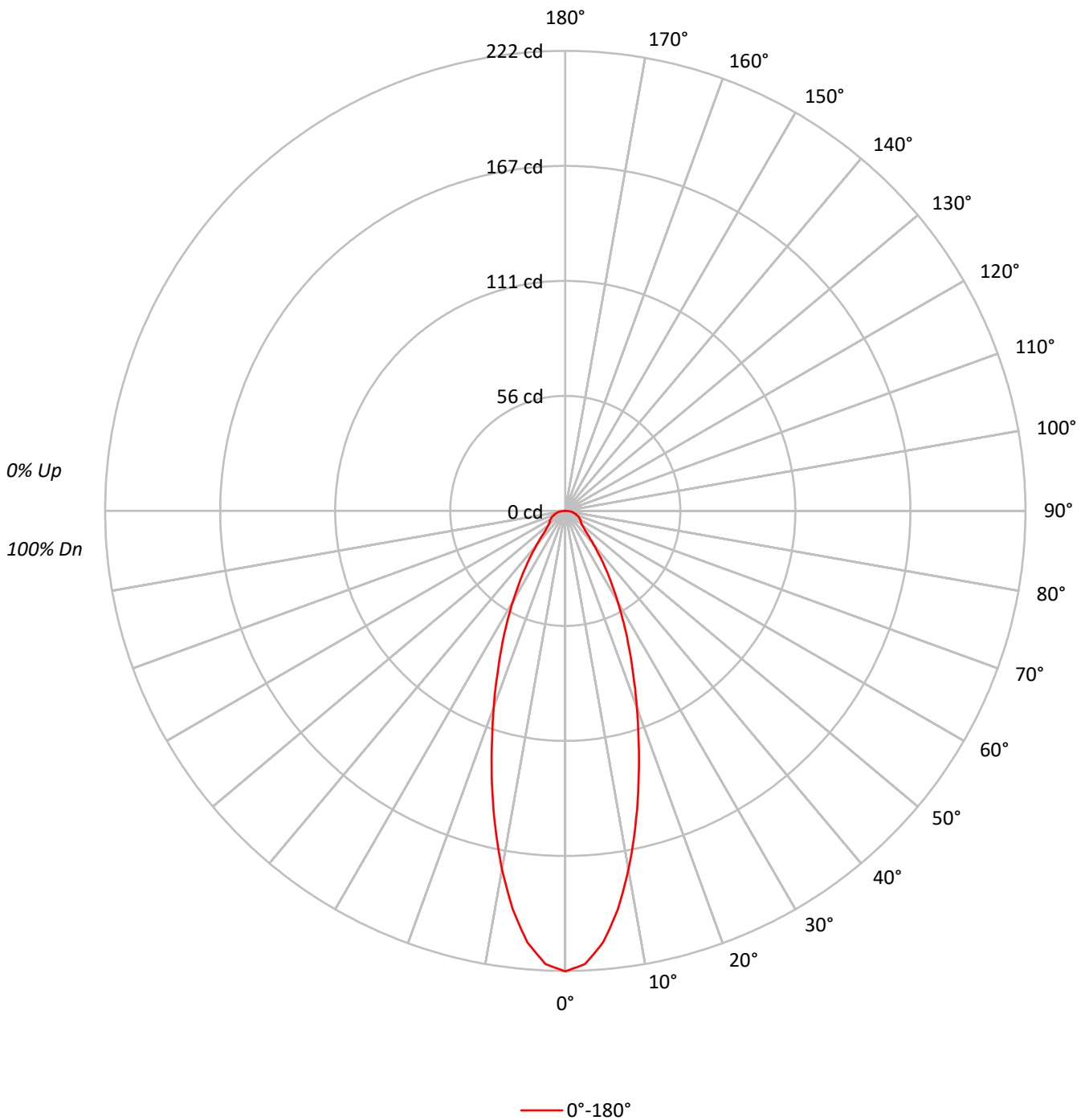
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 145.0 lumens
Efficiency: N/A
Efficacy: 40.3 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): 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
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	62	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°	48724
5°	46027
10°	39122
15°	30988
20°	23545
25°	17566
30°	12787
35°	9048
40°	6126
45°	4280
50°	3582
55°	3479
60°	3640
65°	3788
70°	3719
75°	3982
80°	4546
85°	4529

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 82.5°
 Luminance: 4872 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	18.9	13.0
10°-20°	37.8	26.1
20°-30°	33.5	23.1
30°-40°	21.3	14.7
40°-50°	11.3	7.8
50°-60°	8.3	5.7
60°-70°	7.0	4.9
70°-80°	5.0	3.4
80°-90°	2.0	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°	90.1	62.2
0°-40°	111.4	76.9
0°-60°	131.0	90.4
0°-90°	145.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	145.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	222	
5°	209	19
15°	136	38
25°	73	33
35°	34	21
45°	14	11
55°	9	8
65°	7	7
75°	5	5
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	222.2
2.5°	218.9
5°	209.1
7.5°	193.9
10°	175.7
12.5°	156.1
15°	136.5
17.5°	117.6
20°	100.9
22.5°	85.7
25°	72.6
27.5°	61.0
30°	50.5
32.5°	41.4
35°	33.8
37.5°	26.9
40°	21.4
42.5°	17.1
45°	13.8
47.5°	12.0
50°	10.5
52.5°	9.8
55°	9.1
57.5°	8.7
60°	8.3
62.5°	7.6
65°	7.3
67.5°	6.5
70°	5.8
72.5°	5.4
75°	4.7
77.5°	4.0
80°	3.6
82.5°	2.9
85°	1.8
87.5°	0.7
90°	0.0

(END OF REPORT)