

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: P1287403

Luminaire Tested: P3AS17R159030D2WDE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1287403
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-5)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R159030D2WDE010 E3PHLP1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R15 optic, 3000K CCT AND, 90CRI ,
E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

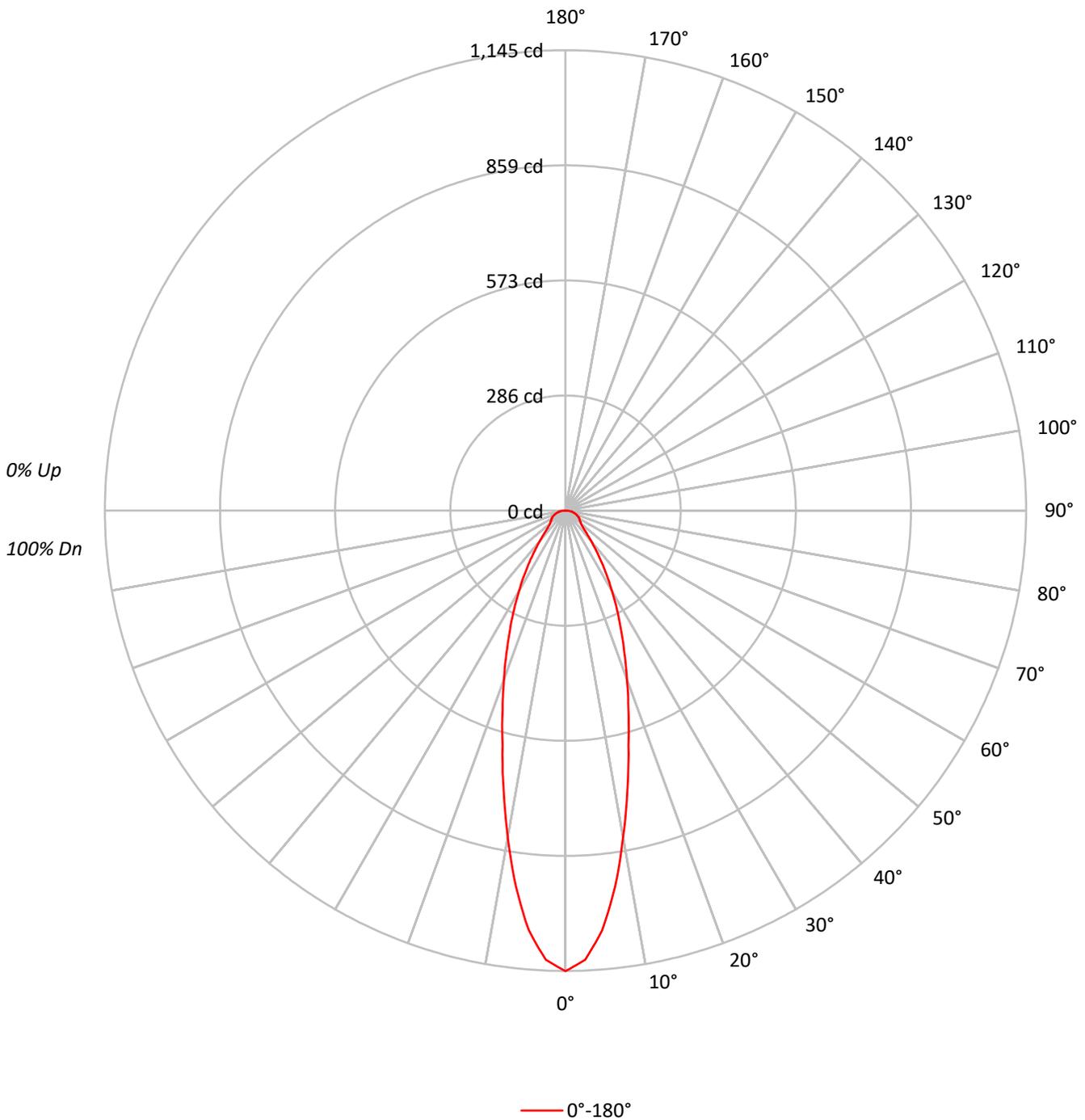
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 671.0 lumens
Efficiency: N/A
Efficacy: 24.6 lumens/watt
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.6
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 27.3
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				
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	105	99	94	90	102	97	92	89	94	90	87	91	87	85	88	85	83	81	81	81	81
3	99	91	85	80	96	89	84	80	87	82	78	84	80	77	82	79	76	74	74	74	74
4	93	84	78	73	91	83	77	72	81	76	71	79	74	71	77	73	70	68	68	68	68
5	88	78	72	67	86	77	71	67	76	70	66	74	69	65	72	68	65	63	63	63	63
6	83	73	67	62	82	73	66	62	71	65	61	70	65	61	68	64	60	59	59	59	59
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55	55	55	55
8	75	65	59	54	74	65	58	54	63	58	54	62	57	54	61	57	53	52	52	52	52
9	72	62	55	51	71	61	55	51	60	55	51	59	54	51	58	54	50	49	49	49	49
10	69	59	52	48	68	58	52	48	57	52	48	56	51	48	56	51	48	46	46	46	46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	251142
5°	230596
10°	183742
15°	137322
20°	104286
25°	78948
30°	58414
35°	41733
40°	28568
45°	19971
50°	17023
55°	16707
60°	17323
65°	18316
70°	18657
75°	19402
80°	20962
85°	20882

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 82.5°
 Luminance: 24528 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	92.8	13.8
10°-20°	169.7	25.3
20°-30°	150.3	22.4
30°-40°	98.4	14.7
40°-50°	52.6	7.8
50°-60°	39.8	5.9
60°-70°	34.2	5.1
70°-80°	23.6	3.5
80°-90°	9.6	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°	412.8	61.5
0°-40°	511.2	76.2
0°-60°	603.6	89.9
0°-90°	671.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	671.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1145	
5°	1048	93
15°	605	170
25°	326	150
35°	156	98
45°	64	53
55°	44	40
65°	35	34
75°	23	24
85°	8	10
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	1145.3
2.5°	1118.3
5°	1047.6
7.5°	943.7
10°	825.2
12.5°	710.9
15°	604.9
17.5°	519.6
20°	446.9
22.5°	382.5
25°	326.3
27.5°	276.5
30°	230.7
32.5°	191.2
35°	155.9
37.5°	124.7
40°	99.8
42.5°	79.0
45°	64.4
47.5°	56.1
50°	49.9
52.5°	47.8
55°	43.7
57.5°	41.6
60°	39.5
62.5°	37.4
65°	35.3
67.5°	31.2
70°	29.1
72.5°	24.9
75°	22.9
77.5°	18.7
80°	16.6
82.5°	14.6
85°	8.3
87.5°	4.2
90°	0.0

(END OF REPORT)