

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: P1252324

Luminaire Tested: P3AS17R259030DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252324
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: P3AS17R259030DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

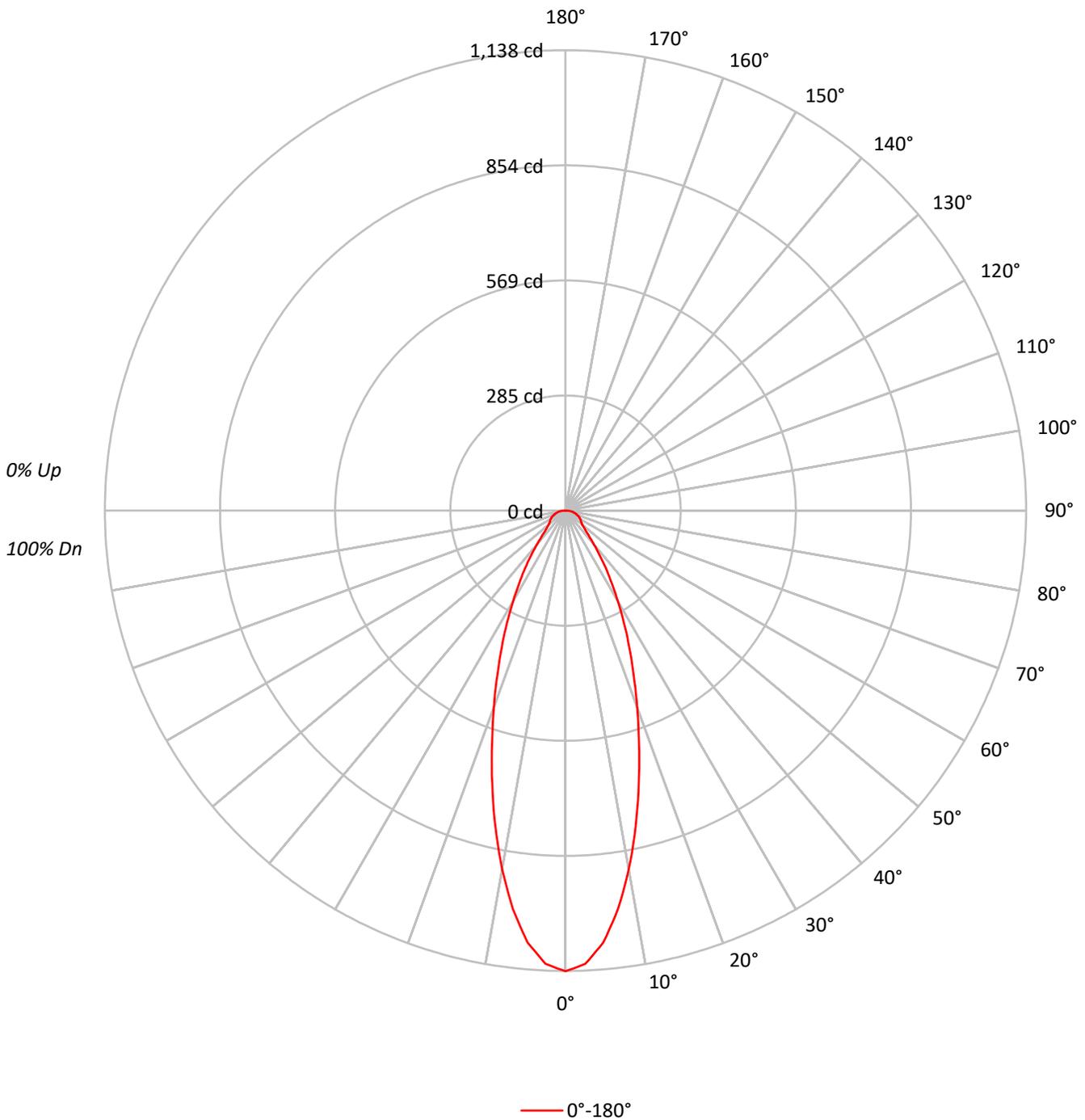
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 743.0 lumens
Efficiency: N/A
Efficacy: 35.0 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): 21.2
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				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°	249651
5°	235857
10°	200486
15°	158798
20°	120690
25°	90029
30°	65478
35°	46311
40°	31430
45°	21925
50°	18387
55°	17777
60°	18770
65°	19302
70°	19106
75°	20503
80°	23488
85°	23398

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 82.5°
 Luminance: 25032 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	96.7	13.0
10°-20°	193.6	26.1
20°-30°	171.4	23.1
30°-40°	109.2	14.7
40°-50°	57.8	7.8
50°-60°	42.4	5.7
60°-70°	36.2	4.9
70°-80°	25.6	3.4
80°-90°	10.1	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°	461.8	62.1
0°-40°	571.0	76.8
0°-60°	671.2	90.3
0°-90°	743.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	743.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1138	
5°	1072	97
15°	700	194
25°	372	171
35°	173	109
45°	71	58
55°	46	42
65°	37	36
75°	24	26
85°	9	10
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1138.5
2.5°	1121.7
5°	1071.5
7.5°	993.4
10°	900.4
12.5°	799.9
15°	699.5
17.5°	602.7
20°	517.2
22.5°	439.0
25°	372.1
27.5°	312.5
30°	258.6
32.5°	212.1
35°	173.0
37.5°	137.7
40°	109.8
42.5°	87.4
45°	70.7
47.5°	61.4
50°	53.9
52.5°	50.2
55°	46.5
57.5°	44.6
60°	42.8
62.5°	39.1
65°	37.2
67.5°	33.5
70°	29.8
72.5°	27.9
75°	24.2
77.5°	20.5
80°	18.6
82.5°	14.9
85°	9.3
87.5°	3.7
90°	0.0

(END OF REPORT)