

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: P1287461

Luminaire Tested: P3AS17R259030D2WDE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1287461
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: P3AS17R259030D2WDE010 E3PHLP1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R25 optic, 3000K CCT AND, 90CRI ,
E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

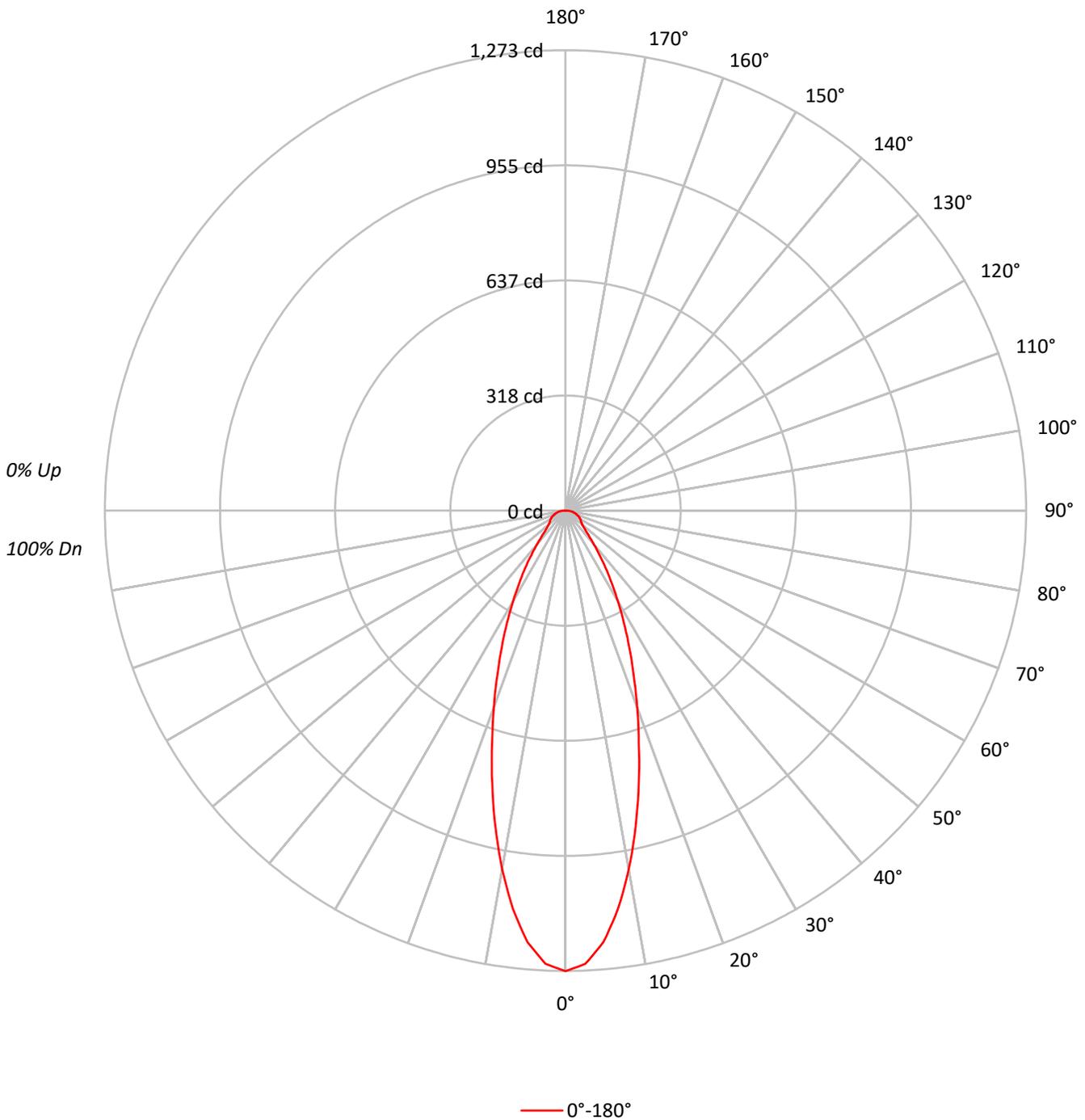
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 831.0 lumens
Efficiency: N/A
Efficacy: 30.4 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): 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				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°	279210
5°	263790
10°	224222
15°	177595
20°	134972
25°	100675
30°	73226
35°	51798
40°	35152
45°	24530
50°	20571
55°	19880
60°	21007
65°	21585
70°	21350
75°	22875
80°	26266
85°	26166

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 82.5°
 Luminance: 27888 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	108.2	13.0
10°-20°	216.5	26.1
20°-30°	191.7	23.1
30°-40°	122.1	14.7
40°-50°	64.6	7.8
50°-60°	47.5	5.7
60°-70°	40.5	4.9
70°-80°	28.5	3.4
80°-90°	11.3	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°	516.4	62.1
0°-40°	638.6	76.8
0°-60°	750.7	90.3
0°-90°	831.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	831.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1273	
5°	1198	108
15°	782	217
25°	416	192
35°	194	122
45°	79	65
55°	52	47
65°	42	40
75°	27	29
85°	10	11
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1273.3
2.5°	1254.6
5°	1198.4
7.5°	1111.0
10°	1007.0
12.5°	894.7
15°	782.3
17.5°	674.1
20°	578.4
22.5°	491.0
25°	416.1
27.5°	349.5
30°	289.2
32.5°	237.2
35°	193.5
37.5°	154.0
40°	122.8
42.5°	97.8
45°	79.1
47.5°	68.7
50°	60.3
52.5°	56.2
55°	52.0
57.5°	49.9
60°	47.9
62.5°	43.7
65°	41.6
67.5°	37.5
70°	33.3
72.5°	31.2
75°	27.0
77.5°	22.9
80°	20.8
82.5°	16.6
85°	10.4
87.5°	4.2
90°	0.0

(END OF REPORT)