

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: P1276453

Luminaire Tested: P3AS17R309835DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1276453
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-8)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R309835DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 98CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

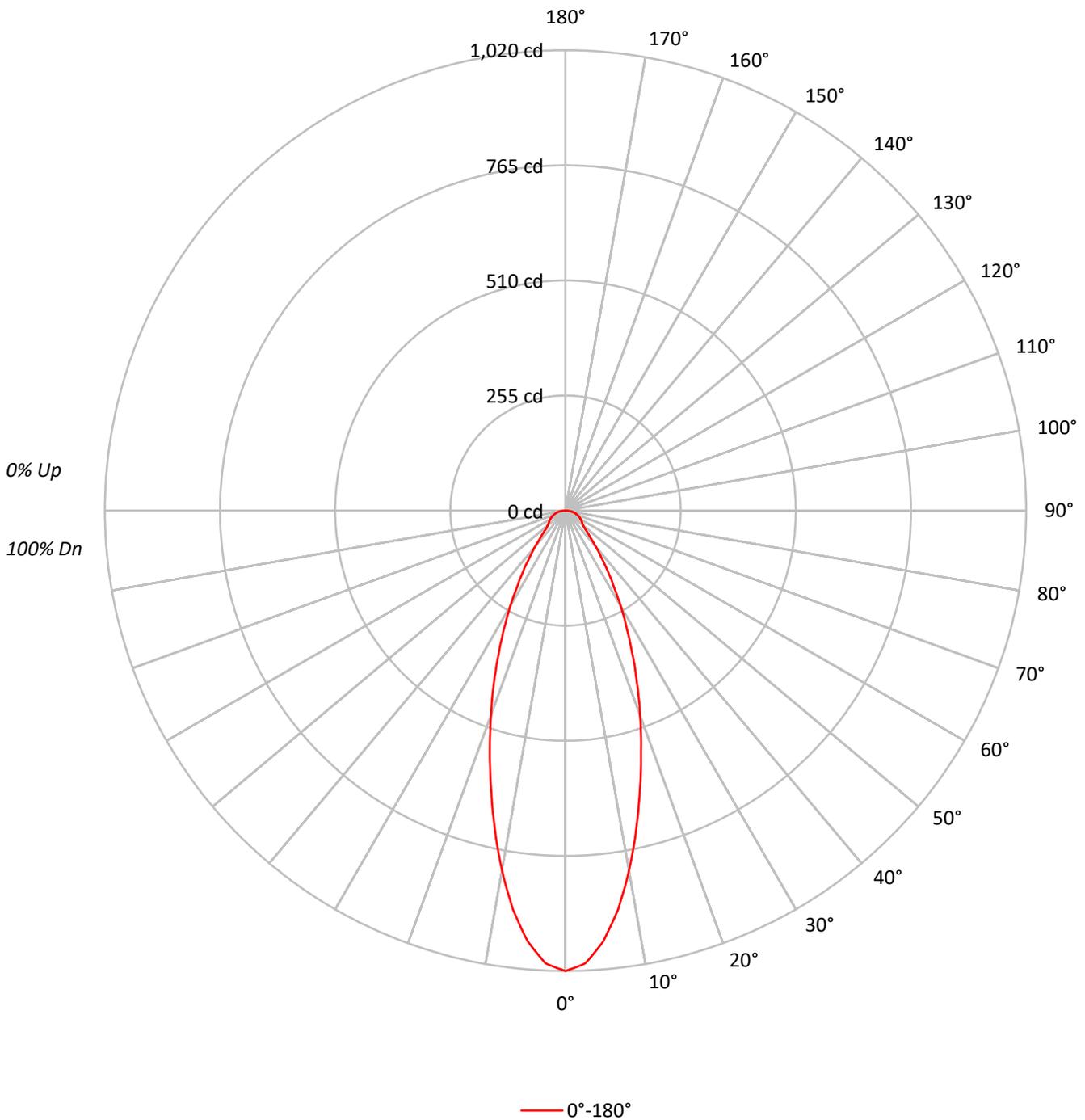
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 689.0 lumens
Efficiency: N/A
Efficacy: 33.8 lumens/watt
Spacing Criteria (0/90/45): 0.6 / 0.6 / 0.67
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.4
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	100	100
1	112	108	105	102	109	106	103	101	102	100	97	98	96	94	95	93	92	90	90	90	90
2	105	99	94	90	103	97	93	89	94	90	87	91	88	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	66	76	70	66	74	69	65	72	68	65	63	63	63	63
6	83	73	67	62	82	72	66	62	71	65	61	69	64	61	68	64	60	59	59	59	59
7	79	69	62	58	78	68	62	57	67	61	57	66	60	57	64	60	56	55	55	55	55
8	75	65	58	54	74	64	58	54	63	57	53	62	57	53	61	56	53	51	51	51	51
9	72	61	55	51	71	61	55	51	60	54	50	59	54	50	58	53	50	49	49	49	49
10	68	58	52	48	67	58	52	48	57	51	48	56	51	47	55	51	47	46	46	46	46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	223710
5°	210939
10°	180313
15°	144496
20°	112640
25°	84707
30°	61782
35°	43554
40°	29856
45°	21398
50°	17500
55°	16898
60°	17060
65°	17434
70°	18144
75°	19486
80°	20078
85°	22140

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 82.5°
 Luminance: 23688 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	86.7	12.6
10°-20°	176.9	25.7
20°-30°	161.1	23.4
30°-40°	102.6	14.9
40°-50°	54.9	8.0
50°-60°	40.1	5.8
60°-70°	33.7	4.9
70°-80°	23.6	3.4
80°-90°	9.3	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°	424.7	61.6
0°-40°	527.3	76.5
0°-60°	622.3	90.3
0°-90°	689.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	689.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1020	
5°	958	87
15°	636	177
25°	350	161
35°	163	103
45°	69	55
55°	44	40
65°	34	34
75°	23	24
85°	9	9
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	1020.2
2.5°	1004.3
5°	958.3
7.5°	891.1
10°	809.8
12.5°	723.1
15°	636.5
17.5°	556.9
20°	482.7
22.5°	413.7
25°	350.1
27.5°	293.5
30°	244.0
32.5°	198.0
35°	162.7
37.5°	129.1
40°	104.3
42.5°	83.1
45°	69.0
47.5°	56.6
50°	51.3
52.5°	47.7
55°	44.2
57.5°	42.4
60°	38.9
62.5°	37.1
65°	33.6
67.5°	31.8
70°	28.3
72.5°	24.8
75°	23.0
77.5°	19.4
80°	15.9
82.5°	14.1
85°	8.8
87.5°	3.5
90°	0.0

(END OF REPORT)