

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: P1257770

Luminaire Tested: P3AS17R309040DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257770
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: P3AS17R309040DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 4000K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

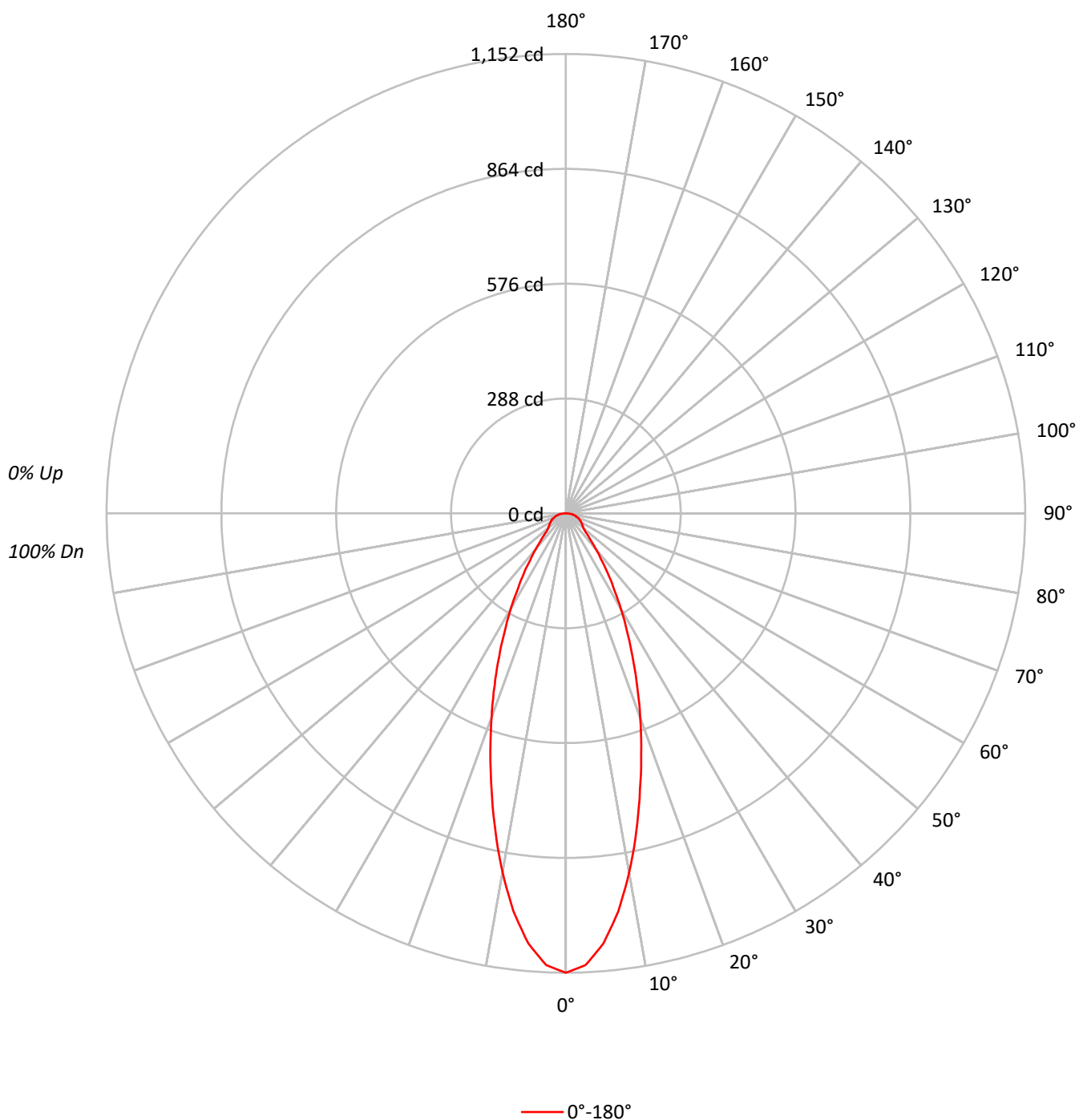
Lumens per Lamp: N/A
Luminaire Lumens: 778.0 lumens
Efficiency: N/A
Efficacy: 36.7 lumens/watt
Spacing Criteria (0/90/45): 0.6 / 0.6 / 0.67
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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

TEST NUMBER: P1257770

CATALOG NUMBER: P3AS17R309040DE010 E3PHLP1MW

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
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	112	108	105	102	109	106	103	101	102	100	97		98	96	94		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	96	89	84	80	87	82	78		84	80	77		82
4	93	84	78	73	91	83	77	72	81	76	71		79	74	71		77
5	88	78	72	67	86	77	71	66	75	70	66		74	69	65		72
6	83	73	67	62	82	72	66	62	71	65	61		69	64	61		68
7	79	69	62	57	78	68	62	57	67	61	57		66	60	57		64
8	75	65	58	54	74	64	58	54	63	57	53		62	57	53		61
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		58
10	68	58	52	48	67	58	52	48	57	51	48		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	252611
5°	238190
10°	203603
15°	163156
20°	127178
25°	95643
30°	69758
35°	49175
40°	33720
45°	24158
50°	19752
55°	19077
60°	19253
65°	19665
70°	20452
75°	22028
80°	22730
85°	25160

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 26880 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	97.9	12.6
10°-20°	199.7	25.7
20°-30°	182.0	23.4
30°-40°	115.8	14.9
40°-50°	62.0	8.0
50°-60°	45.3	5.8
60°-70°	38.0	4.9
70°-80°	26.6	3.4
80°-90°	10.6	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°	479.6	61.6
0°-40°	595.4	76.5
0°-60°	702.7	90.3
0°-90°	778.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	778.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1152	
5°	1082	98
15°	719	200
25°	395	182
35°	184	116
45°	78	62
55°	50	45
65°	38	38
75°	26	27
85°	10	11
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1152.0
2.5°	1134.0
5°	1082.1
7.5°	1006.2
10°	914.4
12.5°	816.6
15°	718.7
17.5°	628.9
20°	545.0
22.5°	467.2
25°	395.3
27.5°	331.4
30°	275.5
32.5°	223.6
35°	183.7
37.5°	145.7
40°	117.8
42.5°	93.8
45°	77.9
47.5°	63.9
50°	57.9
52.5°	53.9
55°	49.9
57.5°	47.9
60°	43.9
62.5°	41.9
65°	37.9
67.5°	35.9
70°	31.9
72.5°	28.0
75°	26.0
77.5°	22.0
80°	18.0
82.5°	16.0
85°	10.0
87.5°	4.0
90°	0.0

(END OF REPORT)