

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: P1270151

Luminaire Tested: P3A17R259740DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1270151
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: P3A17R259740DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 97CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

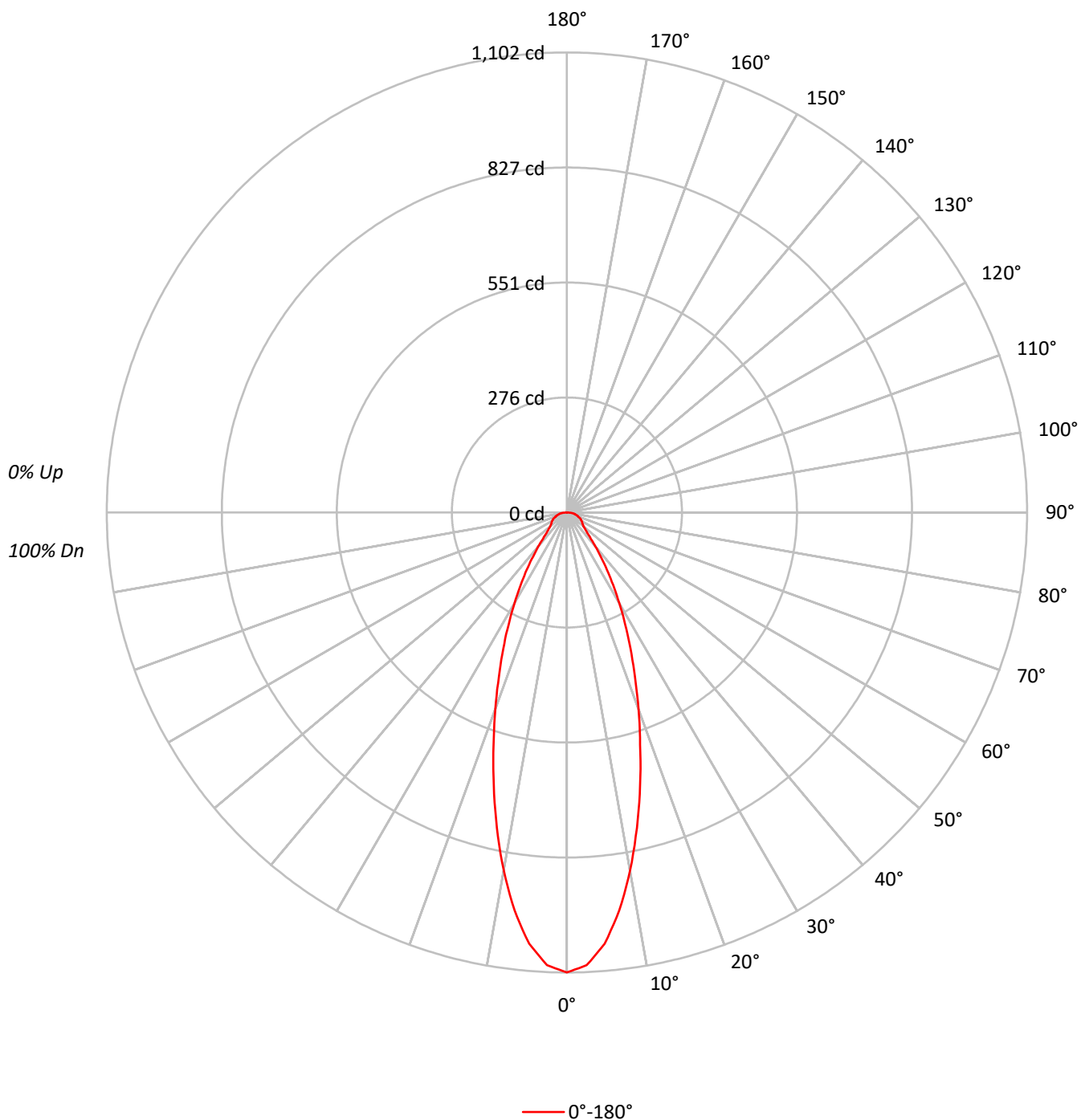
Lumens per Lamp: N/A
Luminaire Lumens: 719.0 lumens
Efficiency: N/A
Efficacy: 33.9 lumens/watt
Spacing Criteria (0/90/45): 0.59 / 0.59 / 0.65
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
Input Voltage (V): NR
Input Current (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
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	95		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	97	90	84	80	87	82	78		84	80	77		82
4	93	84	78	73	91	83	77	73	81	76	72		79	74	71		77
5	88	79	72	67	86	78	71	67	76	70	66		74	69	66		72
6	84	74	67	62	82	73	66	62	71	66	61		70	65	61		68
7	79	69	63	58	78	68	62	58	67	61	57		66	61	57		65
8	76	65	59	54	74	65	58	54	63	58	54		62	57	54		61
9	72	62	55	51	71	61	55	51	60	55	51		59	54	51		58
10	69	59	52	48	68	58	52	48	57	52	48		56	51	48		56

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	241582
5°	228241
10°	194007
15°	153667
20°	116793
25°	87102
30°	63352
35°	44812
40°	30400
45°	21212
50°	17808
55°	17204
60°	18156
65°	18679
70°	18465
75°	19825
80°	22730
85°	22644

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 24192 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	93.6	13.0
10°-20°	187.4	26.1
20°-30°	165.9	23.1
30°-40°	105.7	14.7
40°-50°	55.9	7.8
50°-60°	41.1	5.7
60°-70°	35.0	4.9
70°-80°	24.7	3.4
80°-90°	9.8	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°	446.8	62.1
0°-40°	552.5	76.8
0°-60°	649.5	90.3
0°-90°	719.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	719.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1102	
5°	1037	94
15°	677	187
25°	360	166
35°	167	106
45°	68	56
55°	45	41
65°	36	35
75°	23	25
85°	9	10
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1101.7
2.5°	1085.5
5°	1036.9
7.5°	961.3
10°	871.3
12.5°	774.1
15°	676.9
17.5°	583.3
20°	500.5
22.5°	424.8
25°	360.0
27.5°	302.4
30°	250.2
32.5°	205.2
35°	167.4
37.5°	133.2
40°	106.2
42.5°	84.6
45°	68.4
47.5°	59.4
50°	52.2
52.5°	48.6
55°	45.0
57.5°	43.2
60°	41.4
62.5°	37.8
65°	36.0
67.5°	32.4
70°	28.8
72.5°	27.0
75°	23.4
77.5°	19.8
80°	18.0
82.5°	14.4
85°	9.0
87.5°	3.6
90°	0.0

(END OF REPORT)