

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: P1263014

Luminaire Tested: P3A17R259727DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1263014
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: P3A17R259727DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 97CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

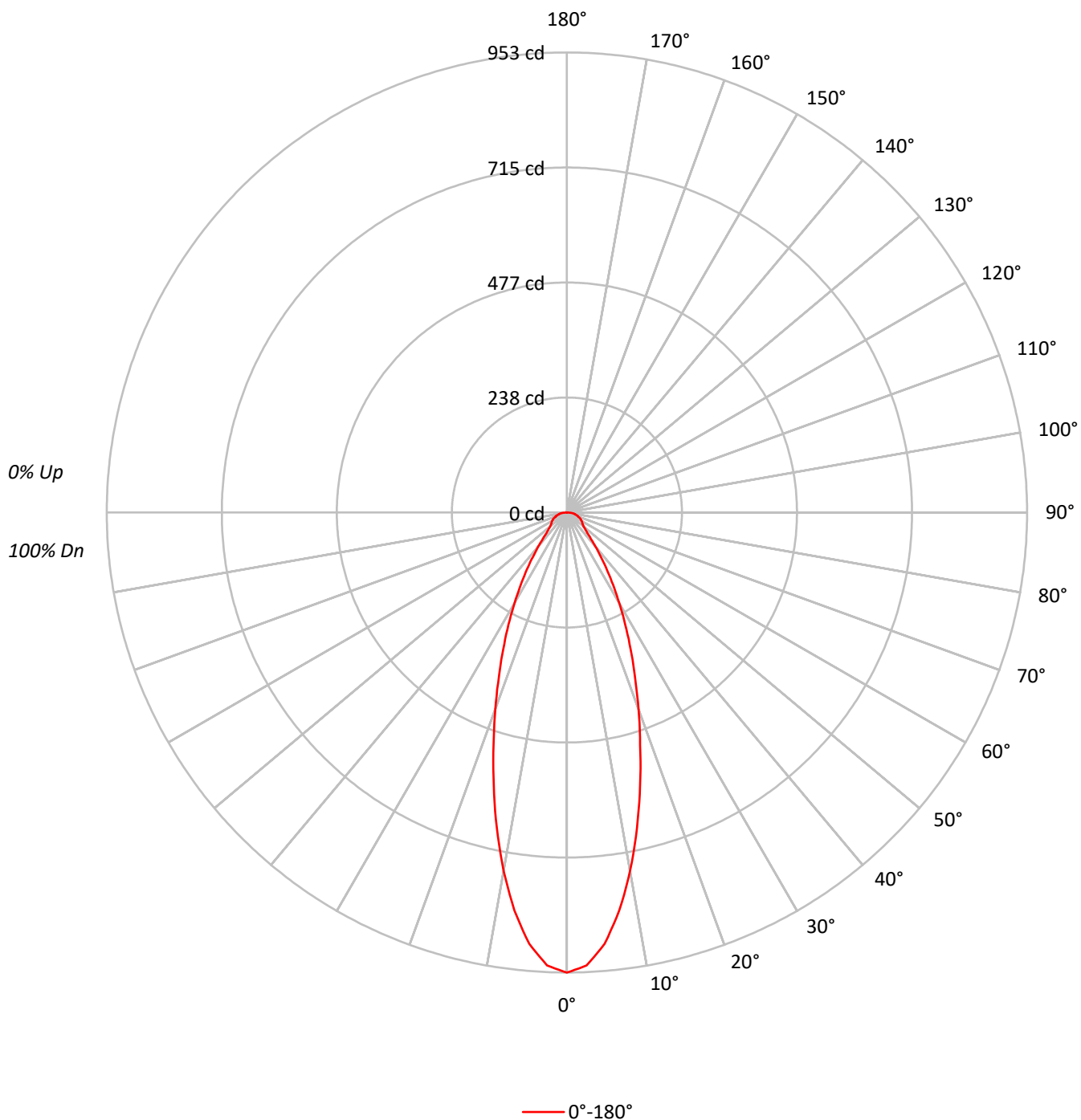
Lumens per Lamp: N/A
Luminaire Lumens: 622.0 lumens
Efficiency: N/A
Efficacy: 29.3 lumens/watt
Spacing Criteria (0/90/45): 0.59 / 0.59 / 0.65
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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°	208996
5°	197446
10°	167821
15°	132941
20°	101019
25°	75367
30°	54819
35°	38762
40°	26306
45°	18358
50°	15420
55°	14872
60°	15700
65°	16137
70°	15964
75°	17114
80°	19699
85°	19625

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 21000 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	81.0	13.0
10°-20°	162.1	26.1
20°-30°	143.5	23.1
30°-40°	91.4	14.7
40°-50°	48.4	7.8
50°-60°	35.5	5.7
60°-70°	30.2	4.9
70°-80°	21.4	3.4
80°-90°	8.5	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°	386.6	62.1
0°-40°	478.0	76.8
0°-60°	561.9	90.3
0°-90°	622.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	622.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	953	
5°	897	81
15°	586	162
25°	312	144
35°	145	91
45°	59	48
55°	39	36
65°	31	30
75°	20	21
85°	8	8
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	953.1
2.5°	939.1
5°	897.0
7.5°	831.6
10°	753.7
12.5°	669.7
15°	585.6
17.5°	504.6
20°	432.9
22.5°	367.5
25°	311.5
27.5°	261.6
30°	216.5
32.5°	177.5
35°	144.8
37.5°	115.2
40°	91.9
42.5°	73.2
45°	59.2
47.5°	51.4
50°	45.2
52.5°	42.0
55°	38.9
57.5°	37.4
60°	35.8
62.5°	32.7
65°	31.1
67.5°	28.0
70°	24.9
72.5°	23.4
75°	20.2
77.5°	17.1
80°	15.6
82.5°	12.5
85°	7.8
87.5°	3.1
90°	0.0

(END OF REPORT)