

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: P1267714

Luminaire Tested: P3A17R159735DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1267714
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-5)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R159735DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 3500K CCT AND, 97CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

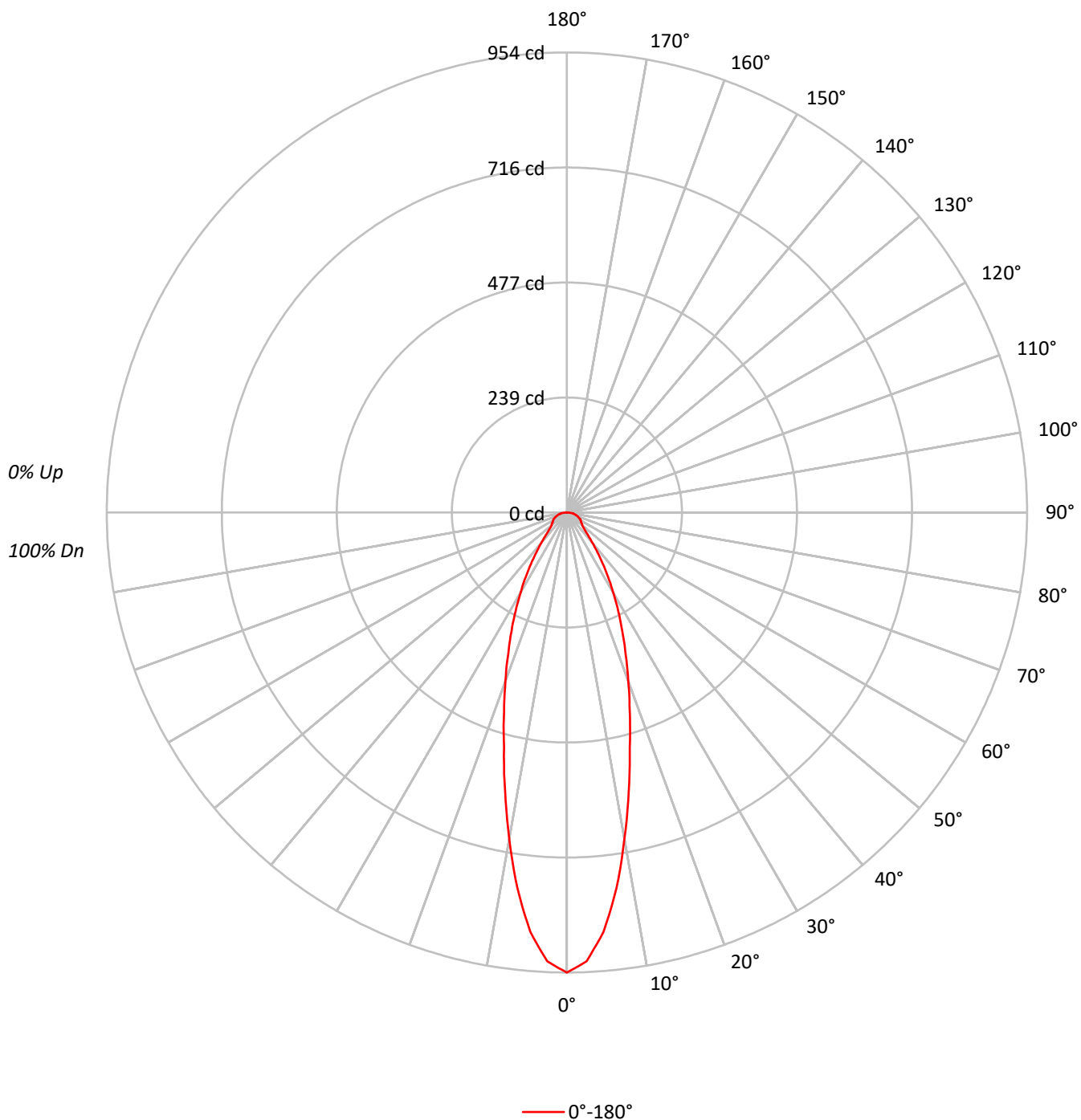
Lumens per Lamp: N/A
Luminaire Lumens: 559.0 lumens
Efficiency: N/A
Efficacy: 26.4 lumens/watt
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.6
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	100	102	99	97		98	96	94		95
2	105	99	94	90	102	97	92	89	94	90	87		91	87	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	67	76	70	66		74	69	65		72
6	83	73	67	62	82	73	66	62	71	65	61		70	65	61		68
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	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°	209216
5°	192097
10°	153081
15°	114393
20°	86878
25°	65786
30°	48666
35°	34773
40°	23787
45°	16653
50°	14191
55°	13916
60°	14429
65°	15255
70°	15515
75°	16097
80°	17553
85°	17360

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 20328 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	77.3	13.8
10°-20°	141.3	25.3
20°-30°	125.2	22.4
30°-40°	82.0	14.7
40°-50°	43.8	7.8
50°-60°	33.1	5.9
60°-70°	28.5	5.1
70°-80°	19.7	3.5
80°-90°	8.0	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°	343.9	61.5
0°-40°	425.9	76.2
0°-60°	502.8	90.0
0°-90°	559.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	559.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	954	
5°	873	77
15°	504	141
25°	272	125
35°	130	82
45°	54	44
55°	36	33
65°	29	29
75°	19	20
85°	7	8
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	954.1
2.5°	931.6
5°	872.7
7.5°	786.2
10°	687.5
12.5°	592.2
15°	503.9
17.5°	432.9
20°	372.3
22.5°	318.6
25°	271.9
27.5°	230.3
30°	192.2
32.5°	159.3
35°	129.9
37.5°	103.9
40°	83.1
42.5°	65.8
45°	53.7
47.5°	46.8
50°	41.6
52.5°	39.8
55°	36.4
57.5°	34.6
60°	32.9
62.5°	31.2
65°	29.4
67.5°	26.0
70°	24.2
72.5°	20.8
75°	19.0
77.5°	15.6
80°	13.9
82.5°	12.1
85°	6.9
87.5°	3.5
90°	0.0

(END OF REPORT)