

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: P1265361

Luminaire Tested: P3A17R209730DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265361
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-6)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R209730DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 3000K CCT AND, 97CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

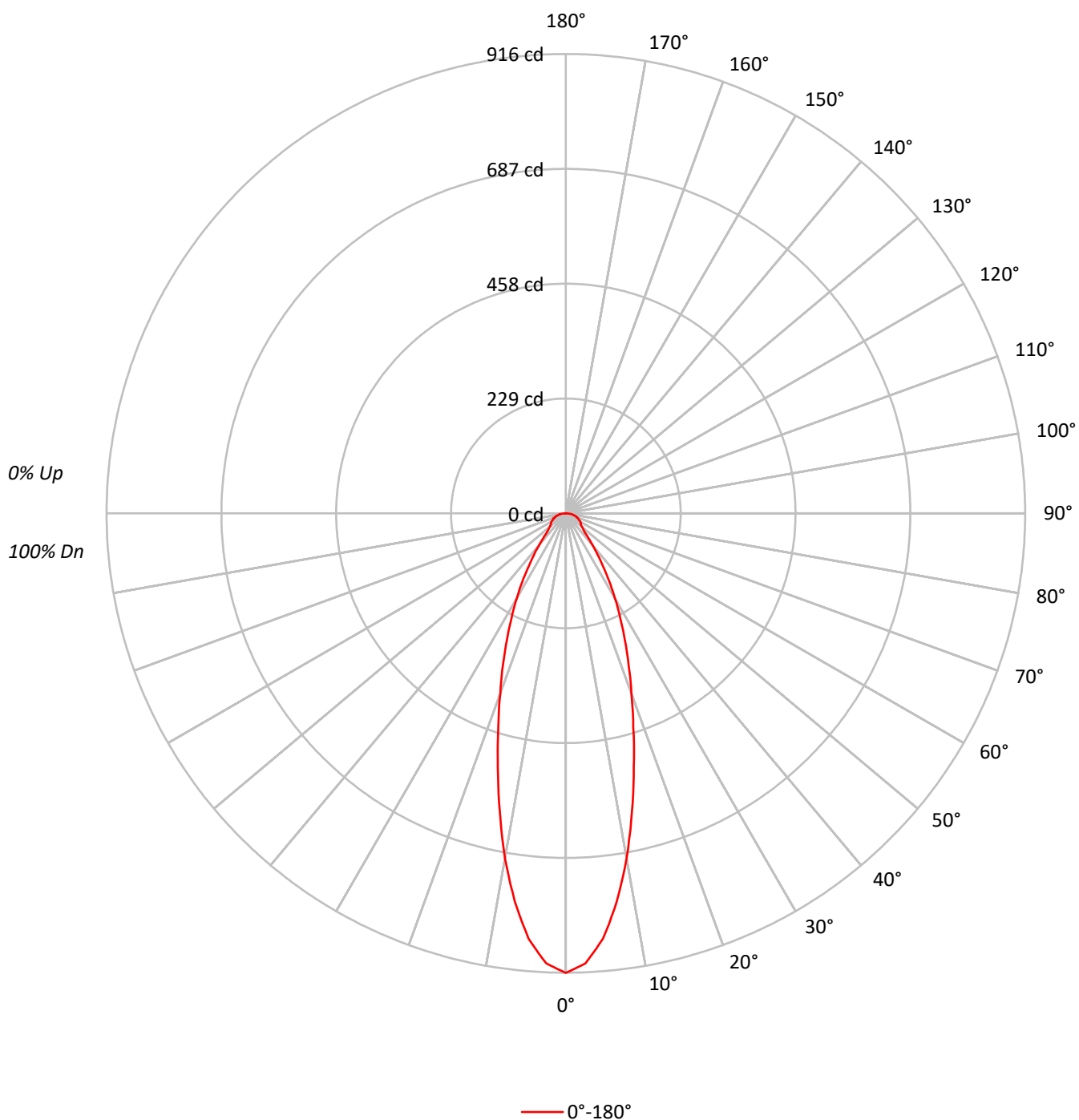
Lumens per Lamp: N/A
Luminaire Lumens: 565.0 lumens
Efficiency: N/A
Efficacy: 26.7 lumens/watt
Spacing Criteria (0/90/45): 0.55 / 0.55 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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				0
RW	70	50	30	10	70	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		100
1	112	108	105	102	109	106	103	101	102	100	97		98	96	95		90
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		81
3	99	91	85	80	97	90	84	80	87	82	78		84	80	77		74
4	93	84	78	73	91	83	77	73	81	76	72		79	74	71		68
5	88	79	72	67	86	78	71	67	76	70	66		74	69	66		63
6	84	74	67	62	82	73	66	62	71	66	61		70	65	61		59
7	79	69	63	58	78	68	62	58	67	62	57		66	61	57		55
8	76	65	59	54	74	65	58	54	64	58	54		62	57	54		52
9	72	62	55	51	71	61	55	51	60	55	51		59	54	51		49
10	69	59	52	48	68	58	52	48	57	52	48		57	52	48		46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	200927
5°	187409
10°	155508
15°	118911
20°	89258
25°	67189
30°	49679
35°	34720
40°	23787
45°	16498
50°	14191
55°	13992
60°	14604
65°	14684
70°	14938
75°	15504
80°	16795
85°	16857

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 19488 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	76.3	13.5
10°-20°	145.6	25.8
20°-30°	128.1	22.7
30°-40°	82.7	14.6
40°-50°	43.8	7.8
50°-60°	32.9	5.8
60°-70°	28.0	5.0
70°-80°	19.7	3.5
80°-90°	7.7	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°	350.1	62.0
0°-40°	432.8	76.6
0°-60°	509.5	90.2
0°-90°	565.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	565.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	916	
5°	851	76
15°	524	146
25°	278	128
35°	130	83
45°	53	44
55°	37	33
65°	28	28
75°	18	20
85°	7	8
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	916.3
2.5°	898.0
5°	851.4
7.5°	779.9
10°	698.4
12.5°	608.6
15°	523.8
17.5°	447.3
20°	382.5
22.5°	327.6
25°	277.7
27.5°	234.5
30°	196.2
32.5°	161.3
35°	129.7
37.5°	104.8
40°	83.1
42.5°	66.5
45°	53.2
47.5°	46.6
50°	41.6
52.5°	38.2
55°	36.6
57.5°	34.9
60°	33.3
62.5°	29.9
65°	28.3
67.5°	26.6
70°	23.3
72.5°	21.6
75°	18.3
77.5°	16.6
80°	13.3
82.5°	11.6
85°	6.7
87.5°	3.3
90°	0.0

(END OF REPORT)