

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: P1265360

Luminaire Tested: P3A17R209730DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265360
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R209730DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 3000K CCT AND, 97CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

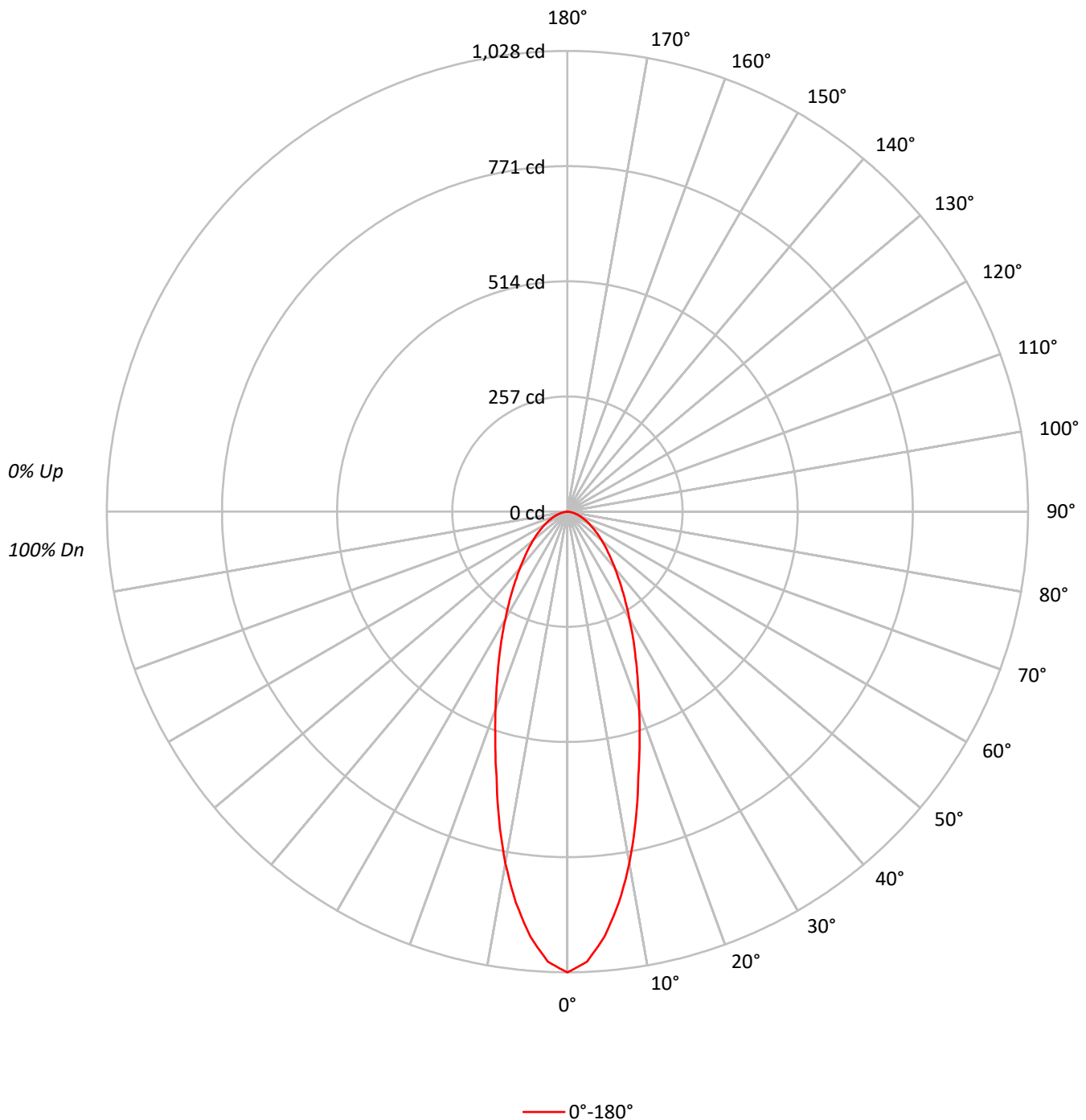
Lumens per Lamp: N/A
Luminaire Lumens: 795.0 lumens
Efficiency: N/A
Efficacy: 37.5 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	104	98	93	89	102	96	92	88	93	89	86		90	87	84		87
3	98	90	83	78	95	88	82	78	85	81	77		83	79	75		80
4	92	82	75	70	90	81	75	70	79	73	69		77	72	68		75
5	86	76	69	64	84	75	68	63	73	67	63		71	66	62		70
6	81	70	63	58	79	70	63	58	68	62	58		66	61	57		65
7	76	66	59	54	75	65	58	53	63	58	53		62	57	53		61
8	72	61	54	50	71	61	54	50	60	54	49		58	53	49		57
9	69	58	51	46	67	57	51	46	56	50	46		55	50	46		54
10	65	54	48	43	64	54	48	43	53	47	43		52	47	43		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	225464
5°	209443
10°	177374
15°	138843
20°	109280
25°	87078
30°	70036
35°	57099
40°	47231
45°	39787
50°	34114
55°	29323
60°	25568
65°	22467
70°	19234
75°	16945
80°	12628
85°	8303

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 39787 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	85.9	10.8
10°-20°	171.2	21.5
20°-30°	166.2	20.9
30°-40°	134.3	16.9
40°-50°	99.8	12.6
50°-60°	69.4	8.7
60°-70°	43.5	5.5
70°-80°	21.1	2.7
80°-90°	3.6	0.5
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°	423.4	53.3
0°-40°	557.7	70.1
0°-60°	726.9	91.4
0°-90°	795.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	795.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1028	
5°	952	86
15°	612	171
25°	360	166
35°	213	134
45°	128	100
55°	77	69
65°	43	43
75°	20	21
85°	3	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1028.2
2.5°	1004.9
5°	951.5
7.5°	879.9
10°	796.6
12.5°	704.9
15°	611.6
17.5°	534.9
20°	468.3
22.5°	409.9
25°	359.9
27.5°	316.6
30°	276.6
32.5°	243.3
35°	213.3
37.5°	186.6
40°	165.0
42.5°	145.0
45°	128.3
47.5°	113.3
50°	100.0
52.5°	88.3
55°	76.7
57.5°	66.7
60°	58.3
62.5°	51.7
65°	43.3
67.5°	36.7
70°	30.0
72.5°	25.0
75°	20.0
77.5°	15.0
80°	10.0
82.5°	5.0
85°	3.3
87.5°	0.0
90°	0.0

(END OF REPORT)