

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: P1264605

Luminaire Tested: P3A09R209730DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1264605
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: P3A09R209730DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 3000K CCT AND, 97CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

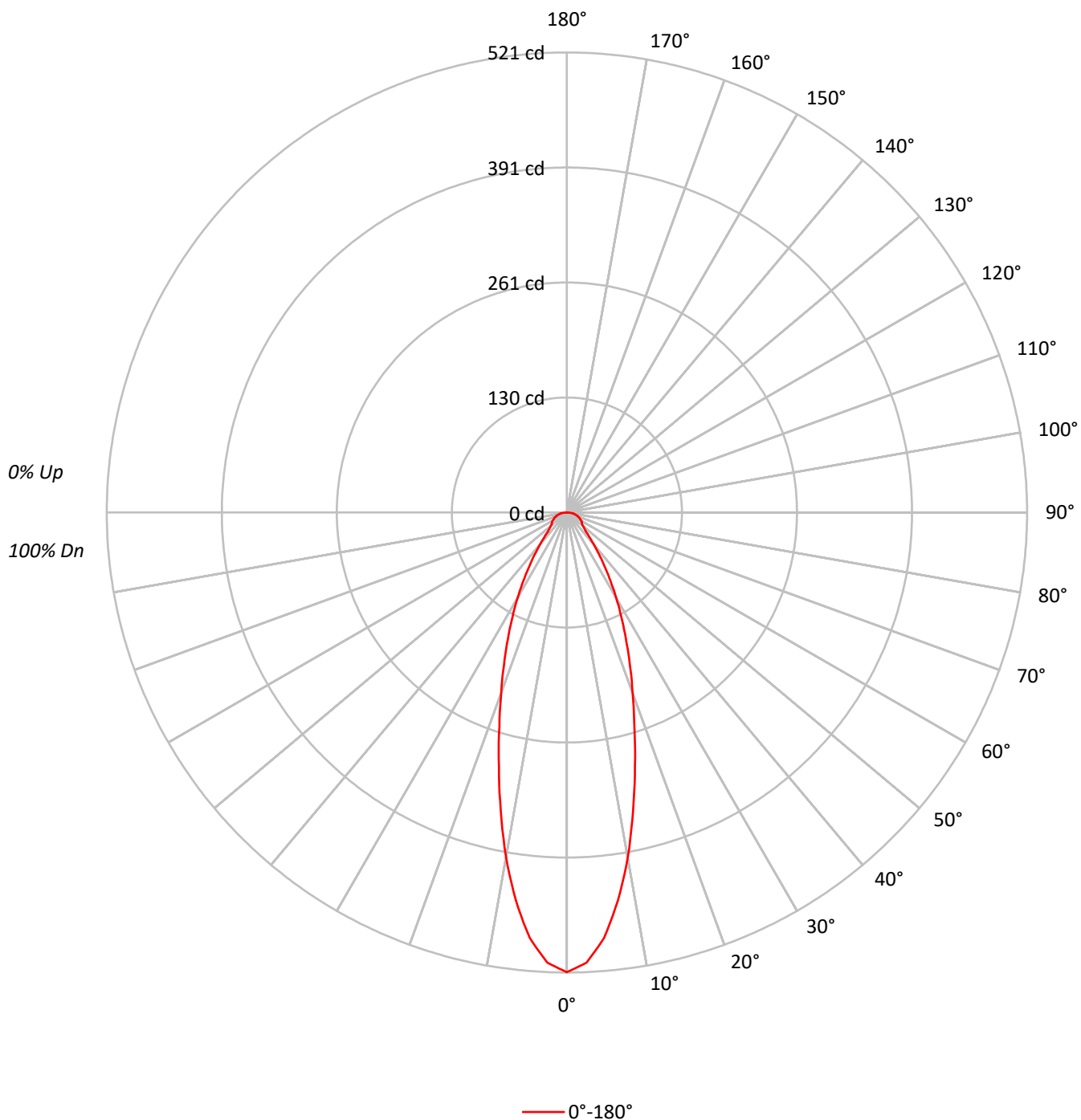
Lumens per Lamp: N/A
Luminaire Lumens: 321.0 lumens
Efficiency: N/A
Efficacy: 28.9 lumens/watt
Spacing Criteria (0/90/45): 0.55 / 0.55 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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	62	57		66	61	57		65
8	76	65	59	54	74	65	58	54	64	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		57	52	48		56

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	114158
5°	106471
10°	88353
15°	67560
20°	50708
25°	38180
30°	28232
35°	19729
40°	13511
45°	9365
50°	8051
55°	7952
60°	8289
65°	8354
70°	8463
75°	8811
80°	9597
85°	9561

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 11088 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	43.3	13.5
10°-20°	82.7	25.8
20°-30°	72.8	22.7
30°-40°	47.0	14.6
40°-50°	24.9	7.8
50°-60°	18.7	5.8
60°-70°	15.9	5.0
70°-80°	11.2	3.5
80°-90°	4.4	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°	198.9	62.0
0°-40°	245.9	76.6
0°-60°	289.5	90.2
0°-90°	321.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	321.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	521	
5°	484	43
15°	298	83
25°	158	73
35°	74	47
45°	30	25
55°	21	19
65°	16	16
75°	10	11
85°	4	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	520.6
2.5°	510.2
5°	483.7
7.5°	443.1
10°	396.8
12.5°	345.8
15°	297.6
17.5°	254.1
20°	217.3
22.5°	186.1
25°	157.8
27.5°	133.2
30°	111.5
32.5°	91.6
35°	73.7
37.5°	59.5
40°	47.2
42.5°	37.8
45°	30.2
47.5°	26.5
50°	23.6
52.5°	21.7
55°	20.8
57.5°	19.8
60°	18.9
62.5°	17.0
65°	16.1
67.5°	15.1
70°	13.2
72.5°	12.3
75°	10.4
77.5°	9.4
80°	7.6
82.5°	6.6
85°	3.8
87.5°	1.9
90°	0.0

(END OF REPORT)