

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: P1265425

Luminaire Tested: P3A17R309730DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265425
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-8)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A17R309730DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 97CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

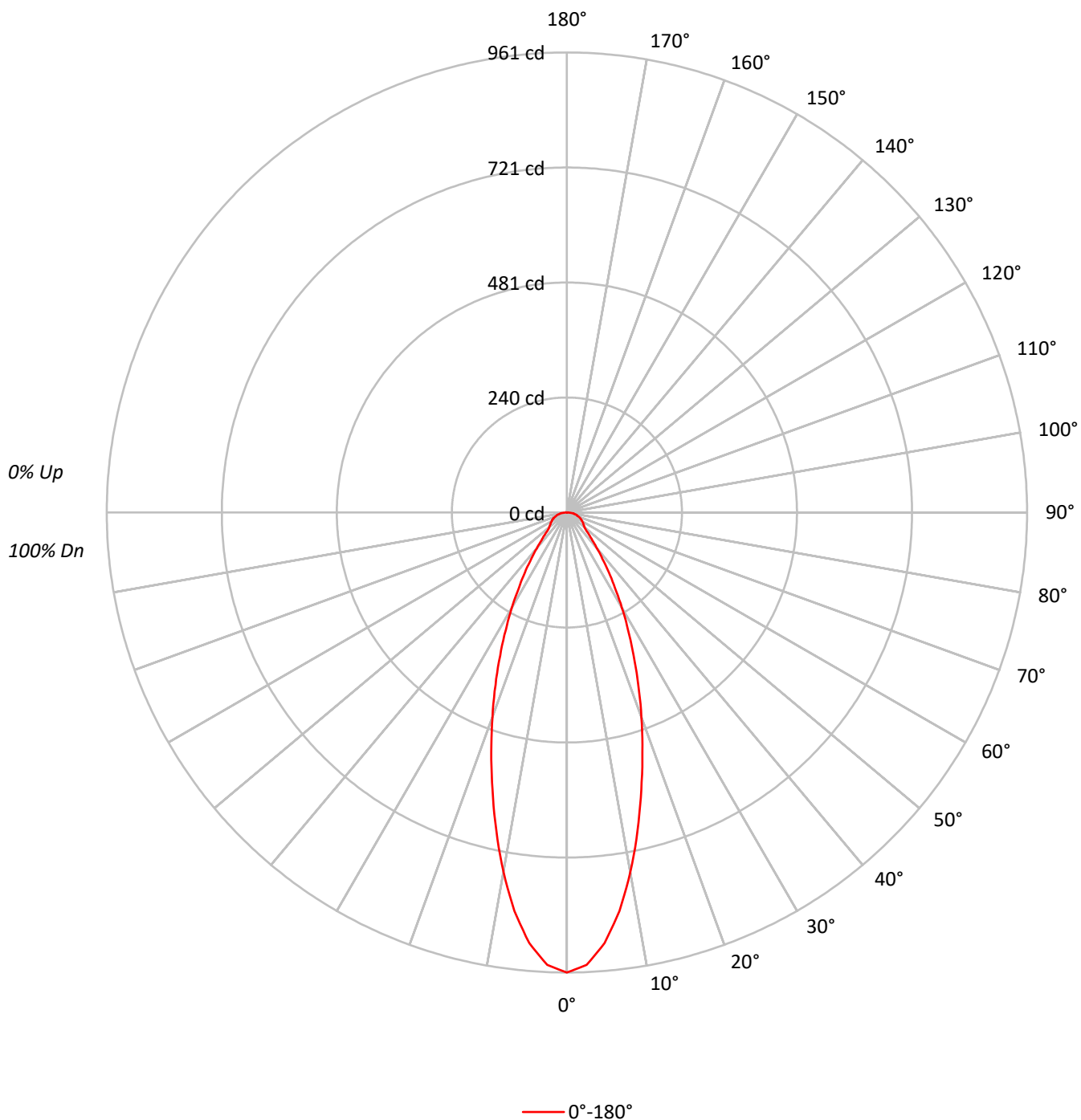
Lumens per Lamp: N/A
Luminaire Lumens: 649.0 lumens
Efficiency: N/A
Efficacy: 30.6 lumens/watt
Spacing Criteria (0/90/45): 0.6 / 0.6 / 0.67
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1265425

CATALOG NUMBER: P3A17R309730DE010 E3PHLP1MW

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	94		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	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	66	76	70	66		74	69	65		72
6	83	73	67	62	82	72	66	62	71	65	61		69	64	61		68
7	79	69	62	58	78	68	62	57	67	61	57		66	60	57		64
8	75	65	58	54	74	64	58	54	63	57	53		62	57	53		61
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		58
10	68	58	52	48	67	58	52	48	57	51	48		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	210729
5°	198701
10°	169848
15°	136119
20°	106106
25°	79795
30°	58186
35°	41010
40°	28138
45°	20157
50°	16477
55°	15904
60°	16051
65°	16396
70°	17054
75°	18385
80°	18942
85°	20882

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 22344 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	81.7	12.6
10°-20°	166.6	25.7
20°-30°	151.8	23.4
30°-40°	96.6	14.9
40°-50°	51.7	8.0
50°-60°	37.8	5.8
60°-70°	31.8	4.9
70°-80°	22.2	3.4
80°-90°	8.8	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°	400.1	61.6
0°-40°	496.7	76.5
0°-60°	586.2	90.3
0°-90°	649.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	649.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	961	
5°	903	82
15°	600	167
25°	330	152
35°	153	97
45°	65	52
55°	42	38
65°	32	32
75°	22	22
85°	8	9
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	961.0
2.5°	946.0
5°	902.7
7.5°	839.4
10°	762.8
12.5°	681.2
15°	599.6
17.5°	524.6
20°	454.7
22.5°	389.7
25°	329.8
27.5°	276.5
30°	229.8
32.5°	186.5
35°	153.2
37.5°	121.6
40°	98.3
42.5°	78.3
45°	65.0
47.5°	53.3
50°	48.3
52.5°	45.0
55°	41.6
57.5°	40.0
60°	36.6
62.5°	35.0
65°	31.6
67.5°	30.0
70°	26.6
72.5°	23.3
75°	21.7
77.5°	18.3
80°	15.0
82.5°	13.3
85°	8.3
87.5°	3.3
90°	0.0

(END OF REPORT)