

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: P1268182

Luminaire Tested: P3A20R309735D010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1268182
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: P3A20R309735D010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 97CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

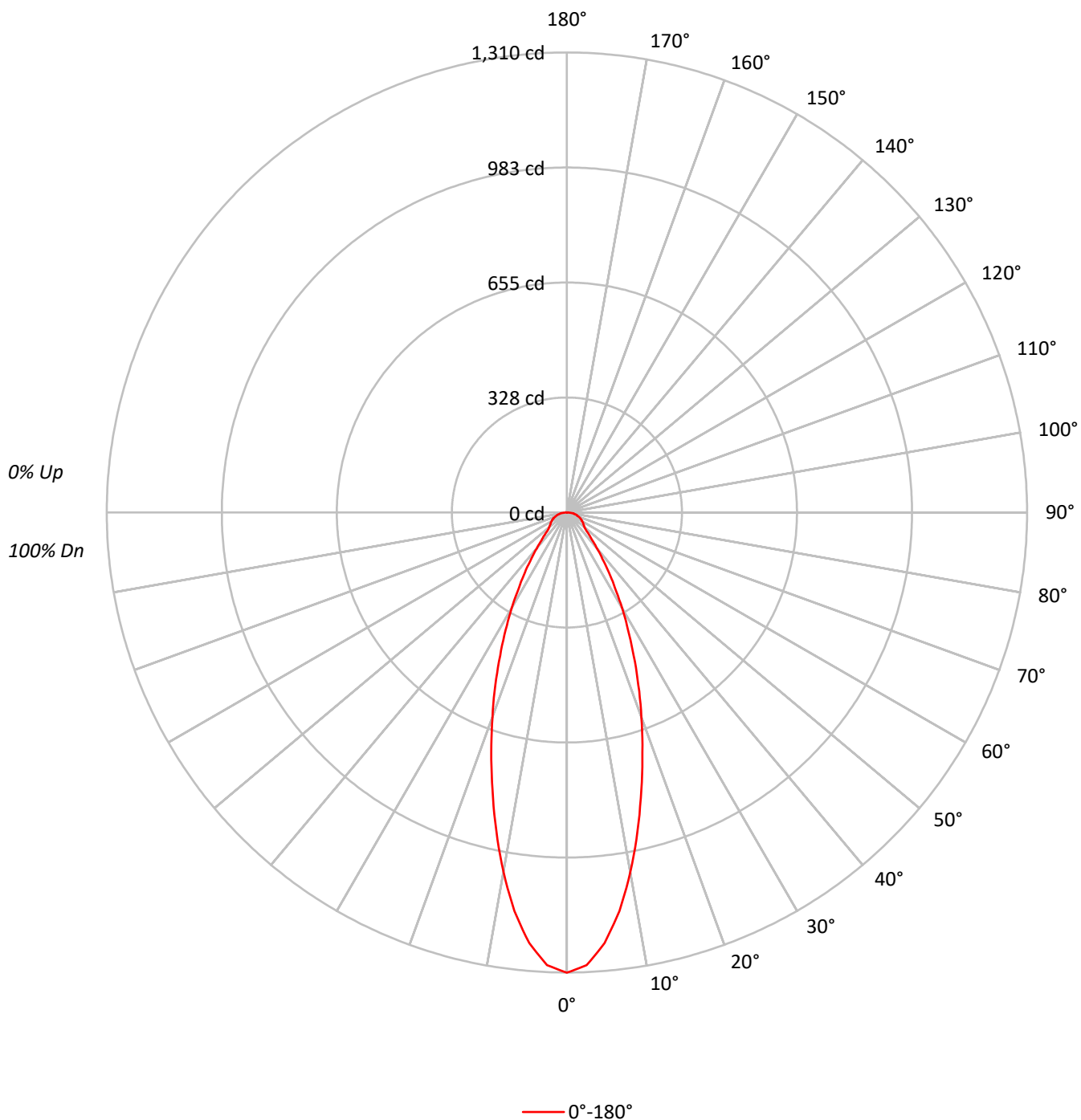
Lumens per Lamp: N/A
Luminaire Lumens: 885.0 lumens
Efficiency: N/A
Efficacy: 30.7 lumens/watt
Spacing Criteria (0/90/45): 0.6 / 0.6 / 0.67
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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: P1268182

CATALOG NUMBER: P3A20R309735D010 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	75	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	57	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°	287345
5°	270944
10°	231592
15°	185608
20°	144679
25°	108805
30°	79354
35°	55921
40°	38358
45°	27476
50°	22481
55°	21715
60°	21928
65°	22363
70°	23273
75°	24993
80°	25761
85°	28682

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 30576 cd/sqm

TEST NUMBER: P1268182

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	111.4	12.6
10°-20°	227.2	25.7
20°-30°	207.0	23.4
30°-40°	131.7	14.9
40°-50°	70.5	8.0
50°-60°	51.6	5.8
60°-70°	43.3	4.9
70°-80°	30.3	3.4
80°-90°	12.1	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°	545.6	61.6
0°-40°	677.3	76.5
0°-60°	799.4	90.3
0°-90°	885.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	885.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1310	
5°	1231	111
15°	818	227
25°	450	207
35°	209	132
45°	89	71
55°	57	52
65°	43	43
75°	30	30
85°	11	12
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1310.4
2.5°	1289.9
5°	1230.9
7.5°	1144.6
10°	1040.1
12.5°	928.9
15°	817.6
17.5°	715.4
20°	620.0
22.5°	531.4
25°	449.7
27.5°	377.0
30°	313.4
32.5°	254.4
35°	208.9
37.5°	165.8
40°	134.0
42.5°	106.7
45°	88.6
47.5°	72.7
50°	65.9
52.5°	61.3
55°	56.8
57.5°	54.5
60°	50.0
62.5°	47.7
65°	43.1
67.5°	40.9
70°	36.3
72.5°	31.8
75°	29.5
77.5°	25.0
80°	20.4
82.5°	18.2
85°	11.4
87.5°	4.5
90°	0.0

(END OF REPORT)