

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: P1261501

Luminaire Tested: P3AS02R309727DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261501
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: P3AS02R309727DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 2700K CCT AND, 97CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

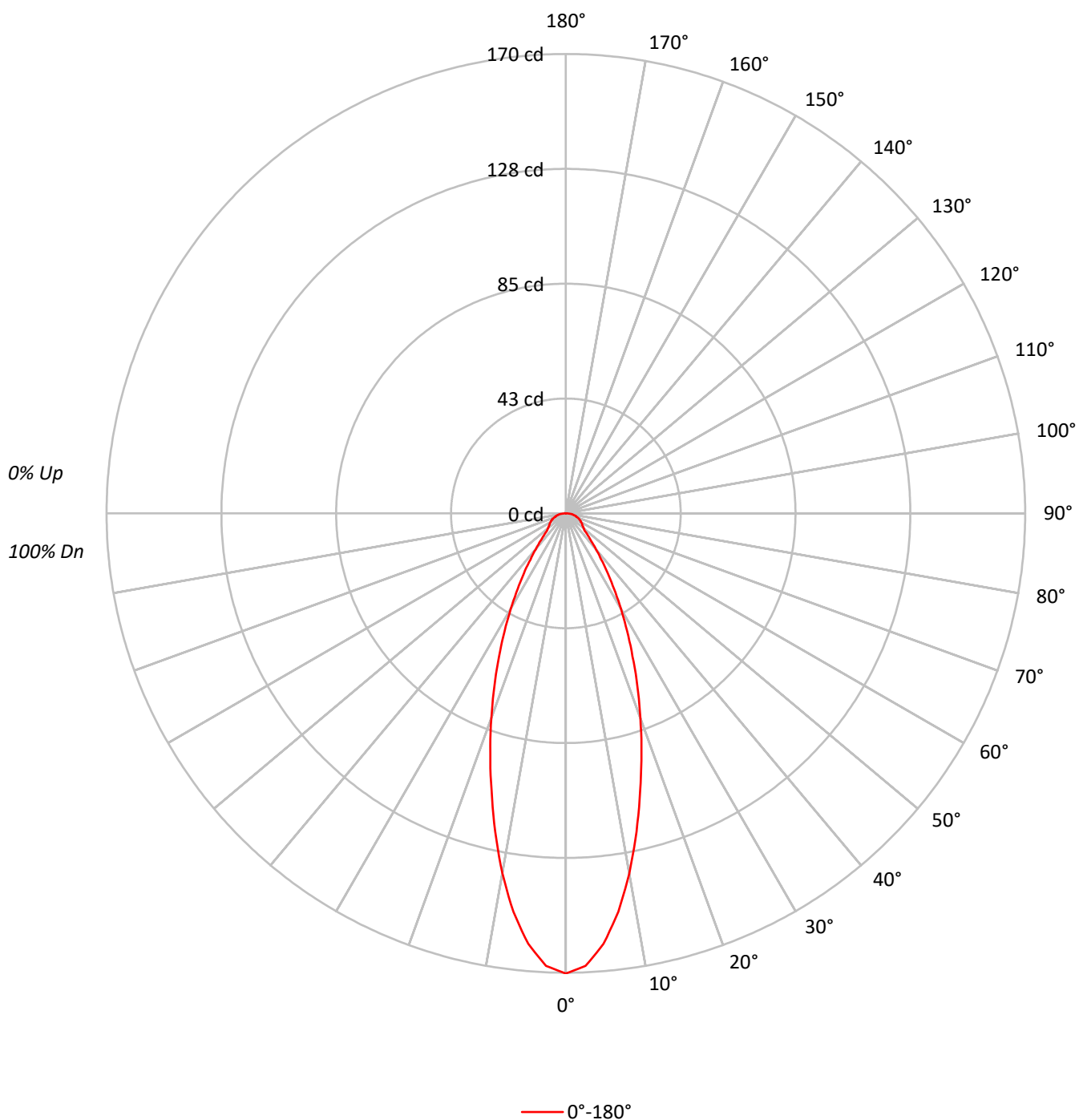
Lumens per Lamp: N/A
Luminaire Lumens: 115.0 lumens
Efficiency: N/A
Efficacy: 31.9 lumens/watt
Spacing Criteria (0/90/45): 0.6 / 0.6 / 0.67
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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: P1261501

CATALOG NUMBER: P3AS02R309727DE010 E3PHLP1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1261501

CATALOG NUMBER: P3AS02R309727DE010 E3PHLP1MW

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°	37343
5°	35197
10°	30104
15°	24109
20°	18808
25°	14130
30°	10305
35°	7254
40°	4981
45°	3566
50°	2934
55°	2829
60°	2851
65°	2906
70°	3013
75°	3219
80°	3410
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 4032 cd/sqm

TEST NUMBER: P1261501

CATALOG NUMBER: P3AS02R309727DE010 E3PHLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	14.5	12.6
10°-20°	29.5	25.7
20°-30°	26.9	23.4
30°-40°	17.1	14.9
40°-50°	9.2	8.0
50°-60°	6.7	5.8
60°-70°	5.6	4.9
70°-80°	3.9	3.4
80°-90°	1.6	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°	70.9	61.6
0°-40°	88.0	76.5
0°-60°	103.9	90.3
0°-90°	115.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	115.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	170	
5°	160	14
15°	106	30
25°	58	27
35°	27	17
45°	12	9
55°	7	7
65°	6	6
75°	4	4
85°	2	2
90°	0	

TEST NUMBER: P1261501

CATALOG NUMBER: P3AS02R309727DE010 E3PHLP1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	170.3
2.5°	167.6
5°	159.9
7.5°	148.7
10°	135.2
12.5°	120.7
15°	106.2
17.5°	93.0
20°	80.6
22.5°	69.1
25°	58.4
27.5°	49.0
30°	40.7
32.5°	33.1
35°	27.1
37.5°	21.5
40°	17.4
42.5°	13.9
45°	11.5
47.5°	9.4
50°	8.6
52.5°	8.0
55°	7.4
57.5°	7.1
60°	6.5
62.5°	6.2
65°	5.6
67.5°	5.3
70°	4.7
72.5°	4.1
75°	3.8
77.5°	3.2
80°	2.7
82.5°	2.4
85°	1.5
87.5°	0.6
90°	0.0

(END OF REPORT)