

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: P1261411

Luminaire Tested: P3AS02R159727DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261411
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-5)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R159727DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 2700K CCT AND, 97CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

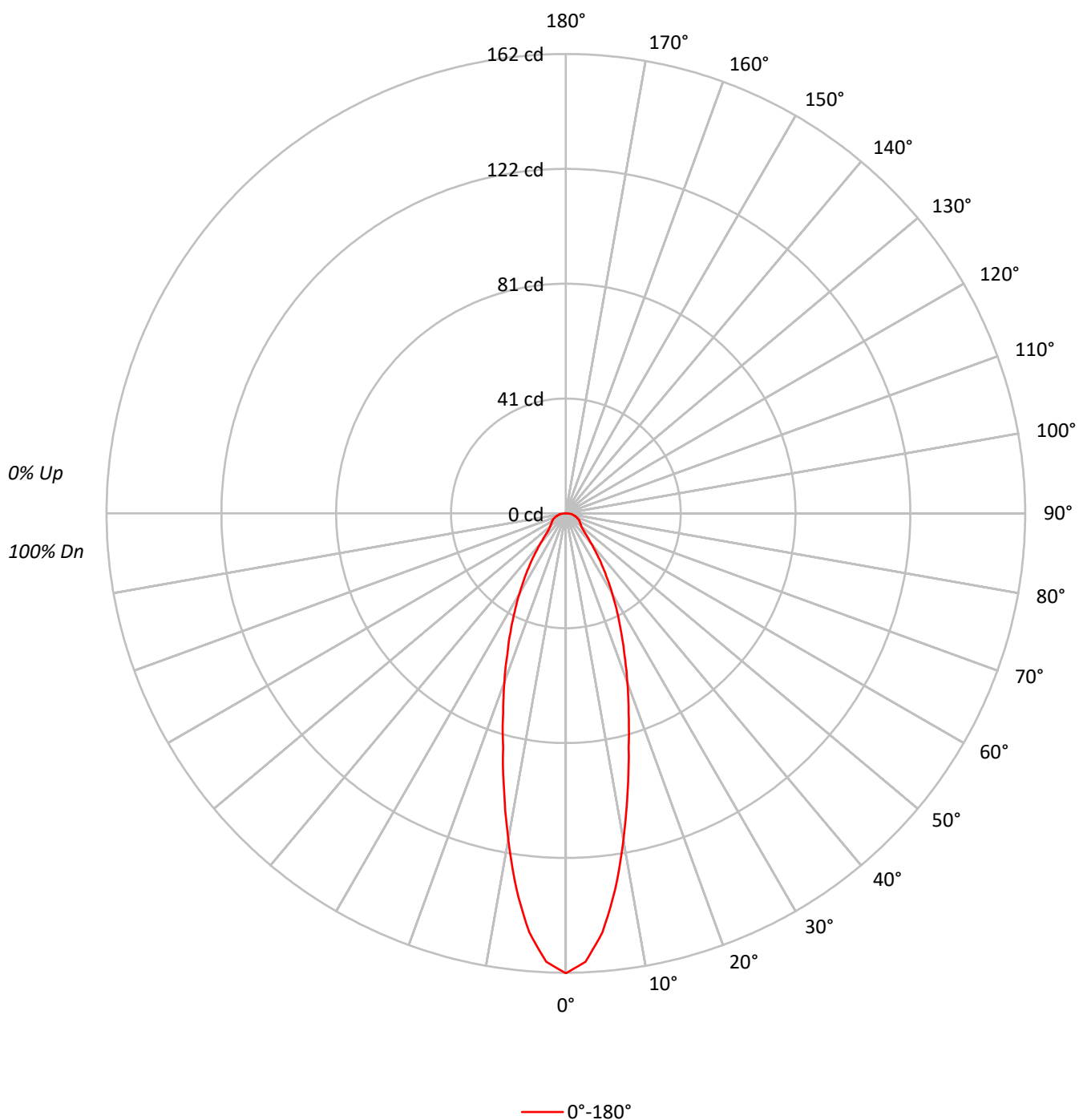
Lumens per Lamp: N/A
Luminaire Lumens: 95.0 lumens
Efficiency: N/A
Efficacy: 26.4 lumens/watt
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.6
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1261411

CATALOG NUMBER: P3AS02R159727DE010 E3PHLP1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1261411

CATALOG NUMBER: P3AS02R159727DE010 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	100	102	99	97		98	96	94		95
2	105	99	94	90	102	97	92	89	94	90	87		91	87	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	67	76	70	66		74	69	65		72
6	83	73	67	62	82	73	66	62	71	65	61		70	65	61		68
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	59	54	74	65	58	54	63	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		56	51	48		56

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	35567
5°	32644
10°	26007
15°	19433
20°	14771
25°	11178
30°	8280
35°	5916
40°	4036
45°	2822
50°	2422
55°	2370
60°	2456
65°	2594
70°	2629
75°	2711
80°	3031
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 3528 cd/sqm

TEST NUMBER: P1261411

CATALOG NUMBER: P3AS02R159727DE010 E3PHLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	13.1	13.8
10°-20°	24.0	25.3
20°-30°	21.3	22.4
30°-40°	14.0	14.7
40°-50°	7.4	7.8
50°-60°	5.6	5.9
60°-70°	4.8	5.1
70°-80°	3.3	3.5
80°-90°	1.4	1.5
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°	58.4	61.5
0°-40°	72.4	76.2
0°-60°	85.5	90.0
0°-90°	95.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	95.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	162	
5°	148	13
15°	86	24
25°	46	21
35°	22	14
45°	9	7
55°	6	6
65°	5	5
75°	3	3
85°	1	1
90°	0	

TEST NUMBER: P1261411

CATALOG NUMBER: P3AS02R159727DE010 E3PHLP1MW

CANDELA DISTRIBUTION (FULL):

	0°
0°	162.2
2.5°	158.3
5°	148.3
7.5°	133.6
10°	116.8
12.5°	100.6
15°	85.6
17.5°	73.6
20°	63.3
22.5°	54.1
25°	46.2
27.5°	39.1
30°	32.7
32.5°	27.1
35°	22.1
37.5°	17.7
40°	14.1
42.5°	11.2
45°	9.1
47.5°	7.9
50°	7.1
52.5°	6.8
55°	6.2
57.5°	5.9
60°	5.6
62.5°	5.3
65°	5.0
67.5°	4.4
70°	4.1
72.5°	3.5
75°	3.2
77.5°	2.6
80°	2.4
82.5°	2.1
85°	1.2
87.5°	0.6
90°	0.0

(END OF REPORT)