

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: P1256114

Luminaire Tested: P3AS02R159040DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1256114
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: P3AS02R159040DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 4000K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

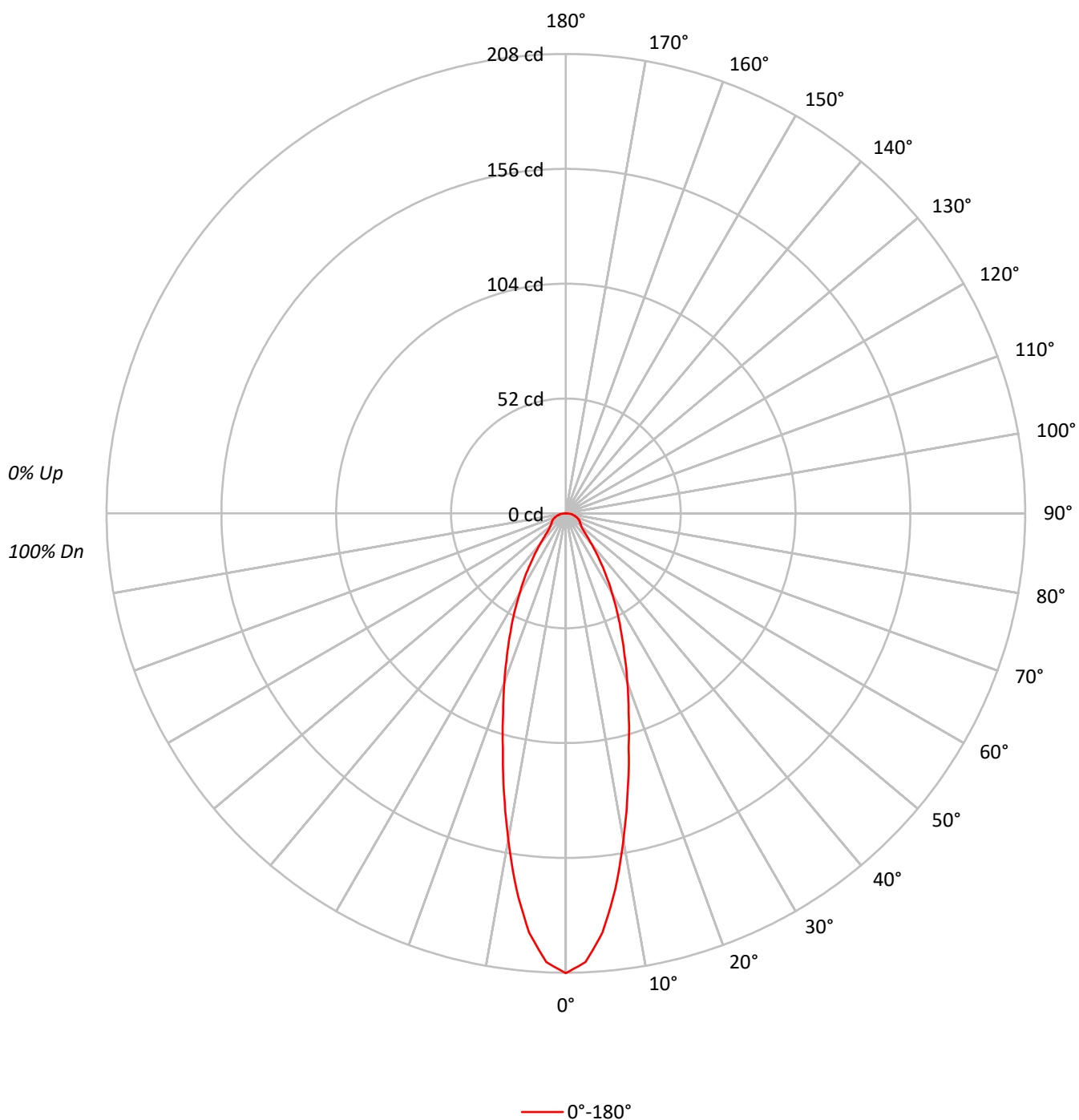
Lumens per Lamp: N/A
Luminaire Lumens: 122.0 lumens
Efficiency: N/A
Efficacy: 33.9 lumens/watt
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.6
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1256114

CATALOG NUMBER: P3AS02R159040DE010 E3PHLP1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1256114

CATALOG NUMBER: P3AS02R159040DE010 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°	45654
5°	41933
10°	33400
15°	24972
20°	18972
25°	14348
30°	10609
35°	7576
40°	5181
45°	3628
50°	3104
55°	3020
60°	3158
65°	3321
70°	3398
75°	3558
80°	3788
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 4368 cd/sqm

TEST NUMBER: P1256114

CATALOG NUMBER: P3AS02R159040DE010 E3PHLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.9	13.8
10°-20°	30.9	25.3
20°-30°	27.3	22.4
30°-40°	17.9	14.7
40°-50°	9.6	7.8
50°-60°	7.2	5.9
60°-70°	6.2	5.1
70°-80°	4.3	3.5
80°-90°	1.7	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°	75.0	61.5
0°-40°	92.9	76.2
0°-60°	109.7	90.0
0°-90°	122.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	122.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	208	
5°	190	17
15°	110	31
25°	59	27
35°	28	18
45°	12	10
55°	8	7
65°	6	6
75°	4	4
85°	2	2
90°	0	

TEST NUMBER: P1256114

CATALOG NUMBER: P3AS02R159040DE010 E3PHLP1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	208.2
2.5°	203.3
5°	190.5
7.5°	171.6
10°	150.0
12.5°	129.3
15°	110.0
17.5°	94.5
20°	81.3
22.5°	69.5
25°	59.3
27.5°	50.3
30°	41.9
32.5°	34.8
35°	28.3
37.5°	22.7
40°	18.1
42.5°	14.4
45°	11.7
47.5°	10.2
50°	9.1
52.5°	8.7
55°	7.9
57.5°	7.6
60°	7.2
62.5°	6.8
65°	6.4
67.5°	5.7
70°	5.3
72.5°	4.5
75°	4.2
77.5°	3.4
80°	3.0
82.5°	2.6
85°	1.5
87.5°	0.8
90°	0.0

(END OF REPORT)