

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: P1254190

Luminaire Tested: P3AS09R159035DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1254190
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: P3AS09R159035DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 3500K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

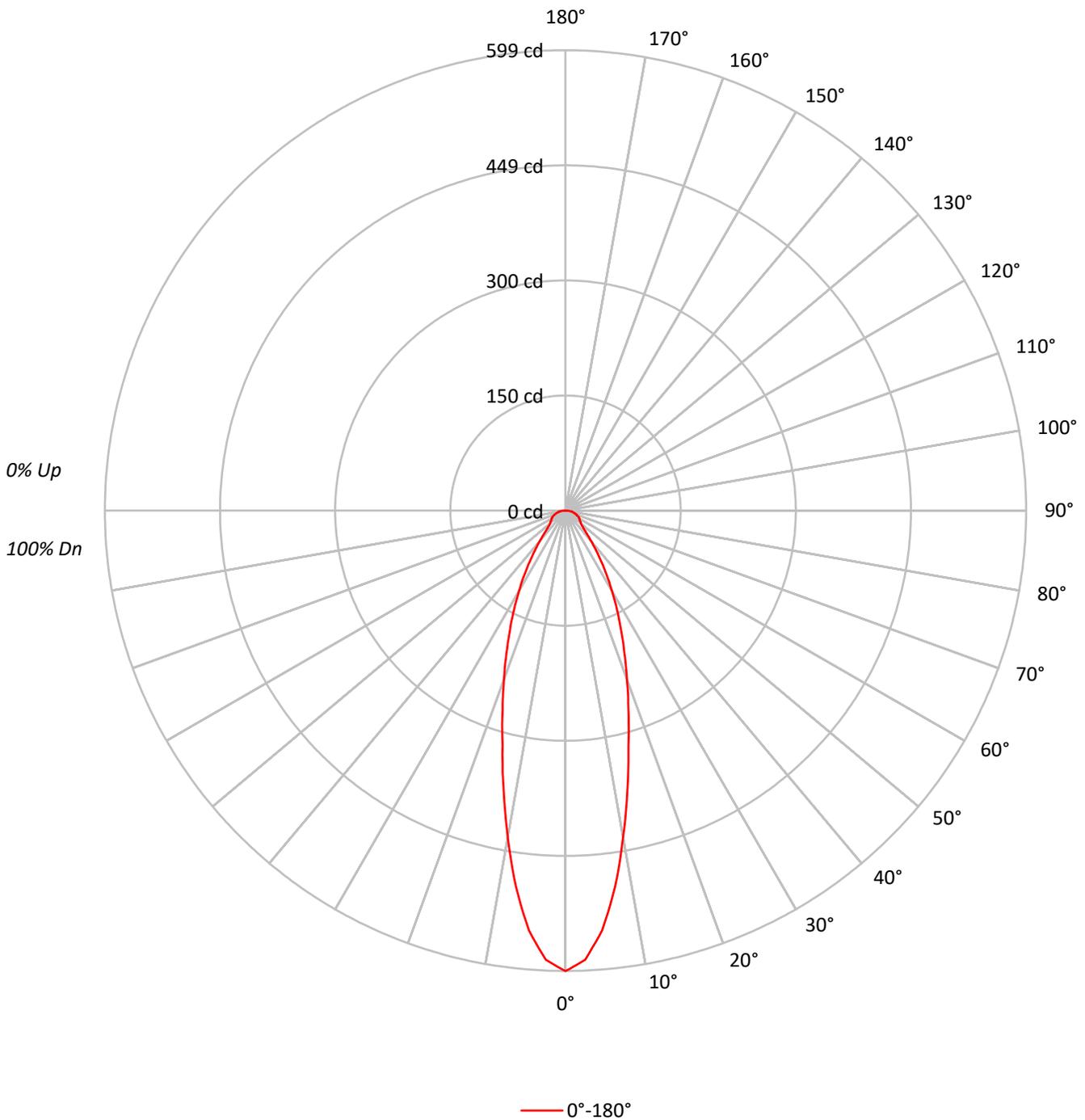
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 351.0 lumens
Efficiency: N/A
Efficacy: 31.6 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): 11.1
Input Voltage (V): NR
Input Current (A_{in}): 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: P1254190
CATALOG NUMBER: P3AS09R159035DE010 E3PHLP1MW

Luminous Intensity Polar Plot





TEST NUMBER: P1254190
 CATALOG NUMBER: P3AS09R159035DE010 E3PHLP1MW

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				20	
RC	80				70				50				30				10				0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0	
RCR																						
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100				100
1	112	108	105	102	109	106	103	100	102	99	97	98	96	94	95	93	92	90				90
2	105	99	94	90	102	97	92	89	94	90	87	91	87	85	88	85	83	81				81
3	99	91	85	80	96	89	84	80	87	82	78	84	80	77	82	79	76	74				74
4	93	84	78	73	91	83	77	72	81	76	71	79	74	71	77	73	70	68				68
5	88	78	72	67	86	77	71	67	76	70	66	74	69	65	72	68	65	63				63
6	83	73	67	62	82	73	66	62	71	65	61	70	65	61	68	64	60	59				59
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55				55
8	75	65	59	54	74	65	58	54	63	58	54	62	57	54	61	57	53	52				52
9	72	62	55	51	71	61	55	51	60	55	51	59	54	51	58	54	50	49				49
10	69	59	52	48	68	58	52	48	57	52	48	56	51	48	56	51	48	46				46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	131371
5°	120625
10°	96124
15°	71828
20°	54558
25°	41301
30°	30562
35°	21817
40°	14942
45°	10451
50°	8904
55°	8717
60°	9078
65°	9599
70°	9745
75°	10167
80°	10986
85°	10819

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 82.5°
 Luminance: 12768 cd/sqm



TEST NUMBER: P1254190
 CATALOG NUMBER: P3AS09R159035DE010 E3PHLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	48.5	13.8
10°-20°	88.7	25.3
20°-30°	78.6	22.4
30°-40°	51.5	14.7
40°-50°	27.5	7.8
50°-60°	20.8	5.9
60°-70°	17.9	5.1
70°-80°	12.3	3.5
80°-90°	5.0	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°	215.9	61.5
0°-40°	267.4	76.2
0°-60°	315.7	89.9
0°-90°	351.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	351.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	599	
5°	548	49
15°	316	89
25°	171	79
35°	82	51
45°	34	28
55°	23	21
65°	18	18
75°	12	12
85°	4	5
90°	0	



TEST NUMBER: P1254190
CATALOG NUMBER: P3AS09R159035DE010 E3PHLP1MW

CANDELA DISTRIBUTION (FULL):

	0°
0°	599.1
2.5°	585.0
5°	548.0
7.5°	493.6
10°	431.7
12.5°	371.9
15°	316.4
17.5°	271.8
20°	233.8
22.5°	200.1
25°	170.7
27.5°	144.6
30°	120.7
32.5°	100.0
35°	81.5
37.5°	65.2
40°	52.2
42.5°	41.3
45°	33.7
47.5°	29.4
50°	26.1
52.5°	25.0
55°	22.8
57.5°	21.7
60°	20.7
62.5°	19.6
65°	18.5
67.5°	16.3
70°	15.2
72.5°	13.0
75°	12.0
77.5°	9.8
80°	8.7
82.5°	7.6
85°	4.3
87.5°	2.2
90°	0.0

(END OF REPORT)