

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: P1273693

Luminaire Tested: P3A09R309830DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1273693
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: P3A09R309830DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 98CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

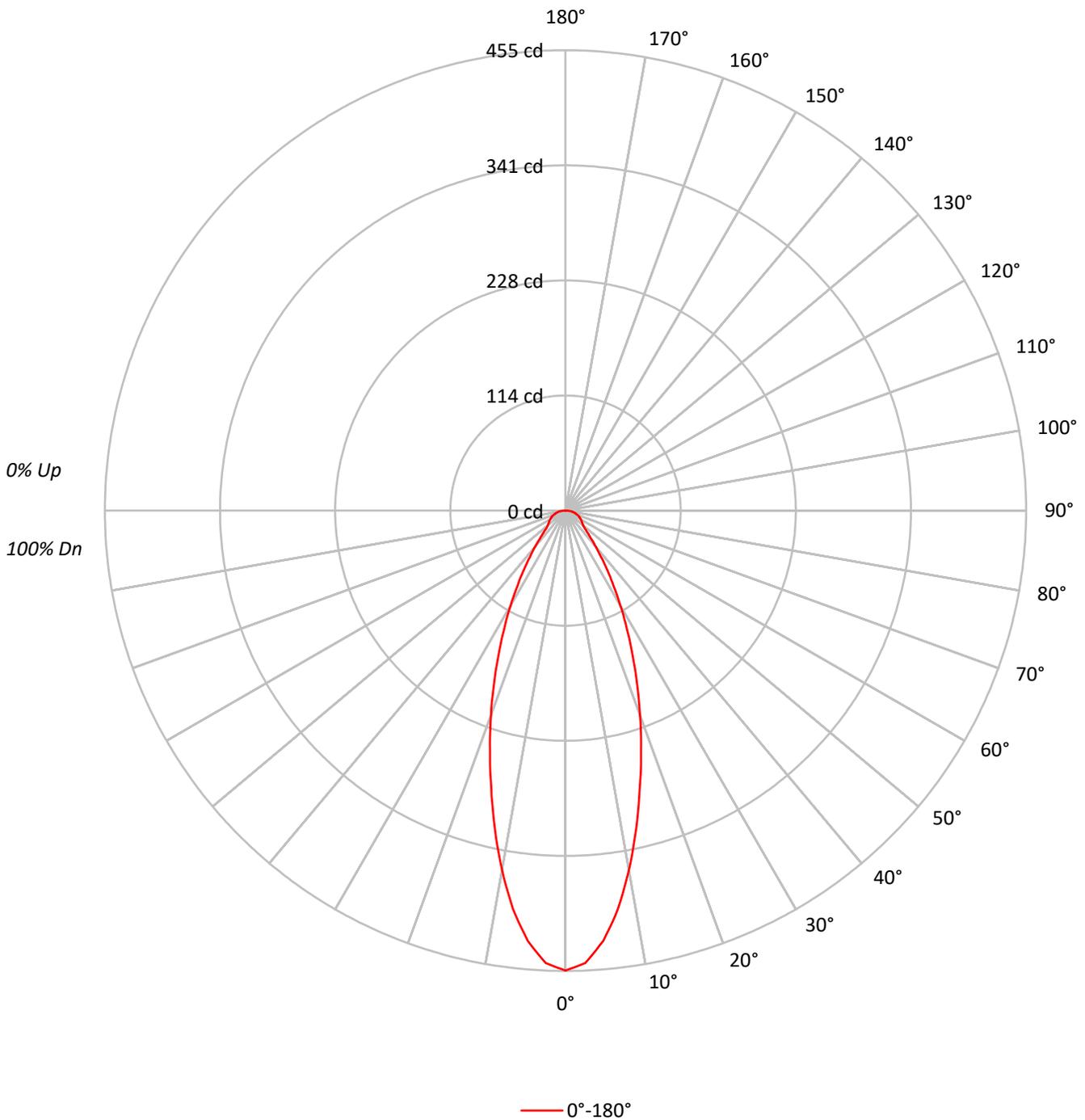
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 307.0 lumens
Efficiency: N/A
Efficacy: 27.9 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): 11
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: P1273693
CATALOG NUMBER: P3A09R309830DE010 E3PHLP1MW

Luminous Intensity Polar Plot





TEST NUMBER: P1273693
 CATALOG NUMBER: P3A09R309830DE010 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	101	102	100	97	98	96	94	95	93	92	90				90
2	105	99	94	90	103	97	93	89	94	90	87	91	88	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	66	76	70	66	74	69	65	72	68	65	63				63
6	83	73	67	62	82	72	66	62	71	65	61	69	64	61	68	64	60	59				59
7	79	69	62	58	78	68	62	57	67	61	57	66	60	57	64	60	56	55				55
8	75	65	58	54	74	64	58	54	63	57	53	62	57	53	61	56	53	51				51
9	72	61	55	51	71	61	55	51	60	54	50	59	54	50	58	53	50	49				49
10	68	58	52	48	67	58	52	48	57	51	48	56	51	47	55	51	47	46				46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	99685
5°	93991
10°	80337
15°	64382
20°	50194
25°	37744
30°	27523
35°	19408
40°	13311
45°	9520
50°	7778
55°	7531
60°	7587
65°	7783
70°	8078
75°	8642
80°	8966
85°	9812

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 82.5°
 Luminance: 10584 cd/sqm



TEST NUMBER: P1273693
 CATALOG NUMBER: P3A09R309830DE010 E3PHLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	38.6	12.6
10°-20°	78.8	25.7
20°-30°	71.8	23.4
30°-40°	45.7	14.9
40°-50°	24.4	8.0
50°-60°	17.9	5.8
60°-70°	15.0	4.9
70°-80°	10.5	3.4
80°-90°	4.2	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°	189.3	61.7
0°-40°	234.9	76.5
0°-60°	277.3	90.3
0°-90°	307.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	307.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	455	
5°	427	39
15°	284	79
25°	156	72
35°	72	46
45°	31	24
55°	20	18
65°	15	15
75°	10	10
85°	4	4
90°	0	



TEST NUMBER: P1273693
CATALOG NUMBER: P3A09R309830DE010 E3PHLP1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	454.6
2.5°	447.5
5°	427.0
7.5°	397.1
10°	360.8
12.5°	322.2
15°	283.6
17.5°	248.2
20°	215.1
22.5°	184.3
25°	156.0
27.5°	130.8
30°	108.7
32.5°	88.2
35°	72.5
37.5°	57.5
40°	46.5
42.5°	37.0
45°	30.7
47.5°	25.2
50°	22.8
52.5°	21.3
55°	19.7
57.5°	18.9
60°	17.3
62.5°	16.5
65°	15.0
67.5°	14.2
70°	12.6
72.5°	11.0
75°	10.2
77.5°	8.7
80°	7.1
82.5°	6.3
85°	3.9
87.5°	1.6
90°	0.0

(END OF REPORT)