

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: P1271591

Luminaire Tested: P3AS09R259827DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1271591
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-7)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R259827DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 98CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

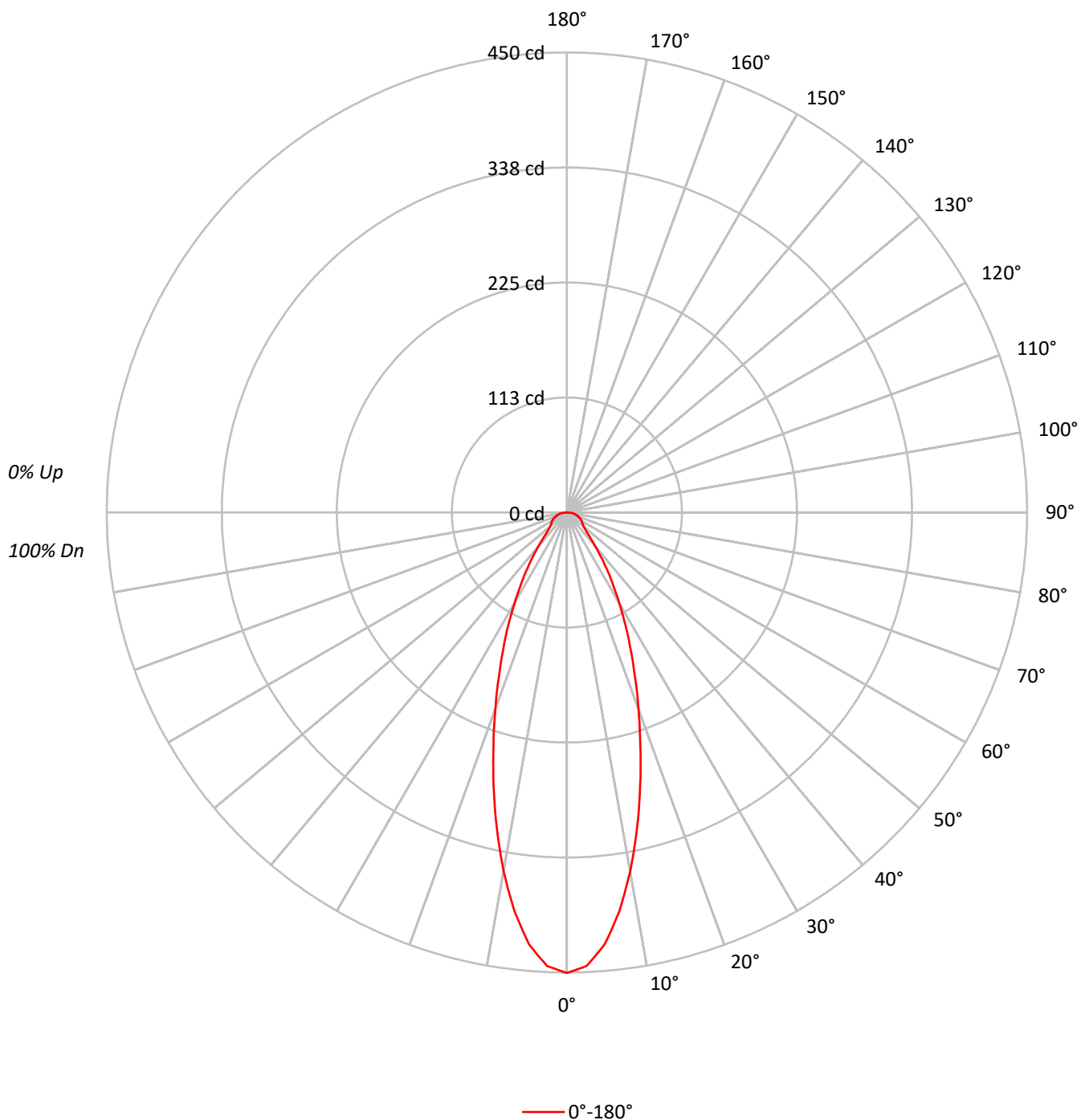
Lumens per Lamp: N/A
Luminaire Lumens: 294.0 lumens
Efficiency: N/A
Efficacy: 26.7 lumens/watt
Spacing Criteria (0/90/45): 0.59 / 0.59 / 0.65
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11
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: P1271591

CATALOG NUMBER: P3AS09R259827DE010 E3PHLP1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1271591

CATALOG NUMBER: P3AS09R259827DE010 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	95		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	97	90	84	80	87	82	78		84	80	77		82
4	93	84	78	73	91	83	77	73	81	76	72		79	74	71		77
5	88	79	72	67	86	78	71	67	76	70	66		74	69	66		72
6	84	74	67	62	82	73	66	62	71	66	61		70	65	61		68
7	79	69	63	58	78	68	62	58	67	61	57		66	61	57		65
8	76	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°	98786
5°	93330
10°	79335
15°	62838
20°	47744
25°	35615
30°	25903
35°	18337
40°	12423
45°	8683
50°	7266
55°	7034
60°	7412
65°	7627
70°	7565
75°	8133
80°	9345
85°	9309

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 9912 cd/sqm

TEST NUMBER: P1271591

CATALOG NUMBER: P3AS09R259827DE010 E3PHLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	38.3	13.0
10°-20°	76.6	26.1
20°-30°	67.8	23.1
30°-40°	43.2	14.7
40°-50°	22.9	7.8
50°-60°	16.8	5.7
60°-70°	14.3	4.9
70°-80°	10.1	3.4
80°-90°	4.0	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°	182.7	62.1
0°-40°	225.9	76.8
0°-60°	265.6	90.3
0°-90°	294.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	294.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	450	
5°	424	38
15°	277	77
25°	147	68
35°	68	43
45°	28	23
55°	18	17
65°	15	14
75°	10	10
85°	4	4
90°	0	

TEST NUMBER: P1271591

CATALOG NUMBER: P3AS09R259827DE010 E3PHLP1MW

CANDELA DISTRIBUTION (FULL):

	0°
0°	450.5
2.5°	443.9
5°	424.0
7.5°	393.1
10°	356.3
12.5°	316.5
15°	276.8
17.5°	238.5
20°	204.6
22.5°	173.7
25°	147.2
27.5°	123.7
30°	102.3
32.5°	83.9
35°	68.5
37.5°	54.5
40°	43.4
42.5°	34.6
45°	28.0
47.5°	24.3
50°	21.3
52.5°	19.9
55°	18.4
57.5°	17.7
60°	16.9
62.5°	15.5
65°	14.7
67.5°	13.2
70°	11.8
72.5°	11.0
75°	9.6
77.5°	8.1
80°	7.4
82.5°	5.9
85°	3.7
87.5°	1.5
90°	0.0

(END OF REPORT)