

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: P1259520

Luminaire Tested: P3AS09R209050DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1259520
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-6)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R209050DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 5000K CCT AND, 90CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

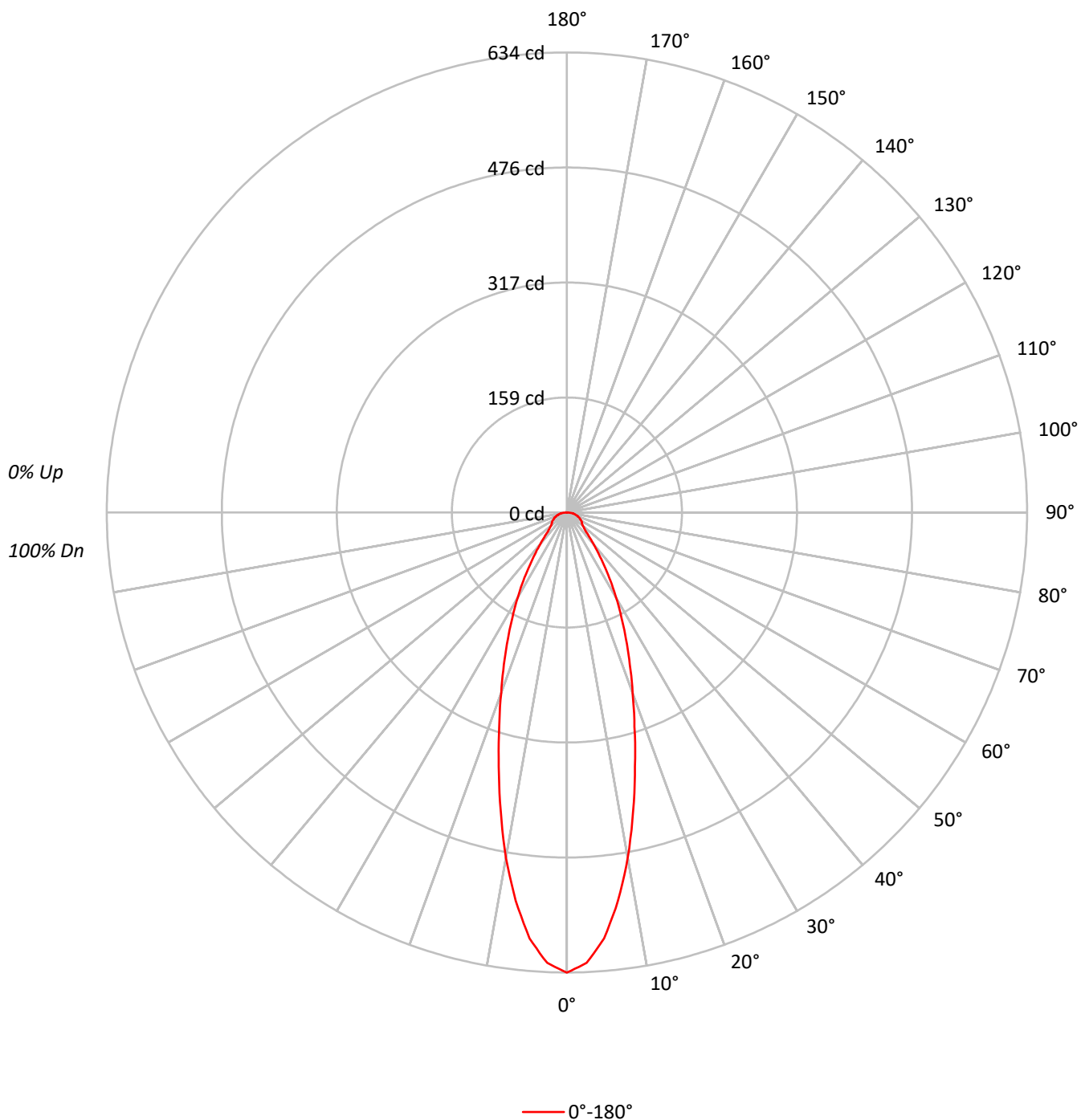
Lumens per Lamp: N/A
Luminaire Lumens: 391.0 lumens
Efficiency: N/A
Efficacy: 35.2 lumens/watt
Spacing Criteria (0/90/45): 0.55 / 0.55 / 0.63
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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: P1259520

CATALOG NUMBER: P3AS09R209050DE010 E3PHLP1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1259520

CATALOG NUMBER: P3AS09R209050DE010 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	62	57		66	61	57		65
8	76	65	59	54	74	65	58	54	64	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		57	52	48		56

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	139046
5°	129694
10°	107613
15°	82293
20°	61769
25°	46503
30°	34385
35°	24039
40°	16459
45°	11412
50°	9825
55°	9672
60°	10087
65°	10170
70°	10322
75°	10760
80°	11618
85°	11573

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 13608 cd/sqm

TEST NUMBER: P1259520

CATALOG NUMBER: P3AS09R209050DE010 E3PHLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	52.8	13.5
10°-20°	100.8	25.8
20°-30°	88.7	22.7
30°-40°	57.2	14.6
40°-50°	30.3	7.8
50°-60°	22.8	5.8
60°-70°	19.4	5.0
70°-80°	13.7	3.5
80°-90°	5.3	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°	242.3	62.0
0°-40°	299.5	76.6
0°-60°	352.6	90.2
0°-90°	391.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	391.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	634	
5°	589	53
15°	362	101
25°	192	89
35°	90	57
45°	37	30
55°	25	23
65°	20	19
75°	13	14
85°	5	5
90°	0	

TEST NUMBER: P1259520

CATALOG NUMBER: P3AS09R209050DE010 E3PHLP1MW

CANDELA DISTRIBUTION (FULL):

	0°
0°	634.1
2.5°	621.4
5°	589.2
7.5°	539.7
10°	483.3
12.5°	421.2
15°	362.5
17.5°	309.6
20°	264.7
22.5°	226.7
25°	192.2
27.5°	162.3
30°	135.8
32.5°	111.6
35°	89.8
37.5°	72.5
40°	57.5
42.5°	46.0
45°	36.8
47.5°	32.2
50°	28.8
52.5°	26.5
55°	25.3
57.5°	24.2
60°	23.0
62.5°	20.7
65°	19.6
67.5°	18.4
70°	16.1
72.5°	15.0
75°	12.7
77.5°	11.5
80°	9.2
82.5°	8.1
85°	4.6
87.5°	2.3
90°	0.0

(END OF REPORT)