

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: P1251979

Luminaire Tested: P3AS13R309030DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1251979
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-12)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R309030DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

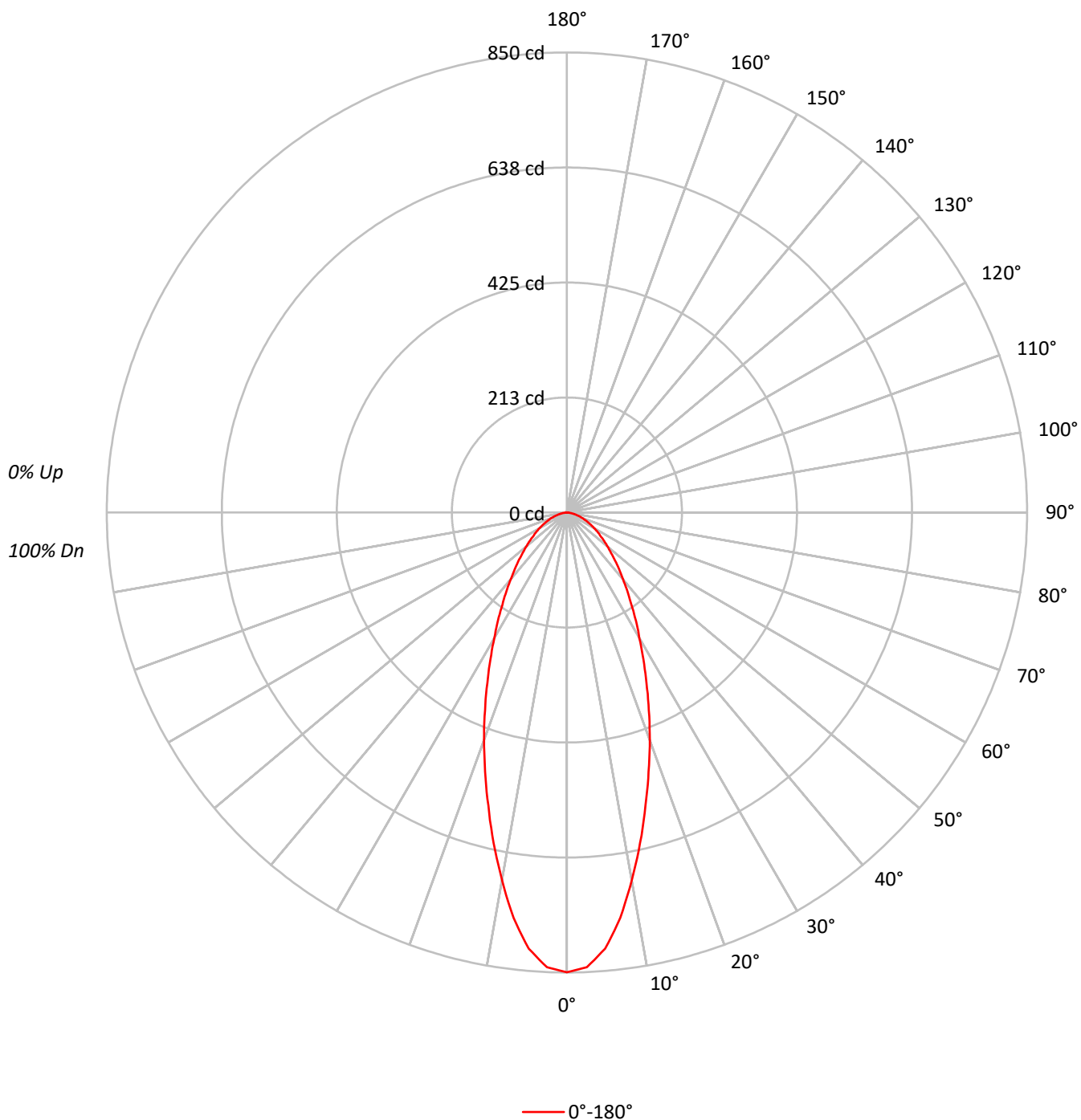
Lumens per Lamp: N/A
Luminaire Lumens: 756.0 lumens
Efficiency: N/A
Efficacy: 51.8 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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: P1251979

CATALOG NUMBER: P3AS13R309030DE010 E3PHLD1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1251979

CATALOG NUMBER: P3AS13R309030DE010 E3PHLD1MW

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		94
2	104	98	93	88	102	96	91	87	93	89	85		90	86	83		87
3	97	89	83	78	95	88	82	77	85	80	76		82	78	75		80
4	91	82	75	69	89	80	74	69	78	72	68		76	71	67		74
5	85	75	68	63	84	74	67	62	72	66	62		70	65	61		69
6	80	69	62	57	79	69	62	57	67	61	56		65	60	56		64
7	76	65	57	52	74	64	57	52	62	56	52		61	56	52		60
8	71	60	53	48	70	60	53	48	58	52	48		57	52	48		56
9	68	57	50	45	66	56	49	45	55	49	45		54	49	45		53
10	64	53	47	42	63	53	46	42	52	46	42		51	46	42		50

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	186279
5°	178054
10°	153571
15°	127311
20°	104356
25°	84126
30°	67808
35°	55546
40°	46144
45°	39136
50°	33466
55°	28940
60°	25831
65°	22571
70°	19747
75°	16606
80°	12375
85°	7045

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 39136 cd/sqm

TEST NUMBER: P1251979

CATALOG NUMBER: P3AS13R309030DE010 E3PHLD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	73.3	9.7
10°-20°	156.4	20.7
20°-30°	160.3	21.2
30°-40°	131.0	17.3
40°-50°	98.0	13.0
50°-60°	68.8	9.1
60°-70°	43.3	5.7
70°-80°	20.8	2.8
80°-90°	4.0	0.5
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°	390.0	51.6
0°-40°	521.0	68.9
0°-60°	687.8	91.0
0°-90°	756.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	756.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	850	
5°	809	73
15°	561	156
25°	348	160
35°	208	131
45°	126	98
55°	76	69
65°	44	43
75°	20	21
85°	3	4
90°	0	

TEST NUMBER: P1251979

CATALOG NUMBER: P3AS13R309030DE010 E3PHLD1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	849.5
2.5°	841.1
5°	808.9
7.5°	755.6
10°	689.7
12.5°	625.2
15°	560.8
17.5°	501.9
20°	447.2
22.5°	395.3
25°	347.7
27.5°	305.6
30°	267.8
32.5°	236.9
35°	207.5
37.5°	183.6
40°	161.2
42.5°	143.0
45°	126.2
47.5°	110.7
50°	98.1
52.5°	86.9
55°	75.7
57.5°	67.3
60°	58.9
62.5°	50.5
65°	43.5
67.5°	36.4
70°	30.8
72.5°	25.2
75°	19.6
77.5°	14.0
80°	9.8
82.5°	5.6
85°	2.8
87.5°	1.4
90°	0.0

(END OF REPORT)