

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: P1267015

Luminaire Tested: P3A09R259735DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1267015
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R259735DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 97CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

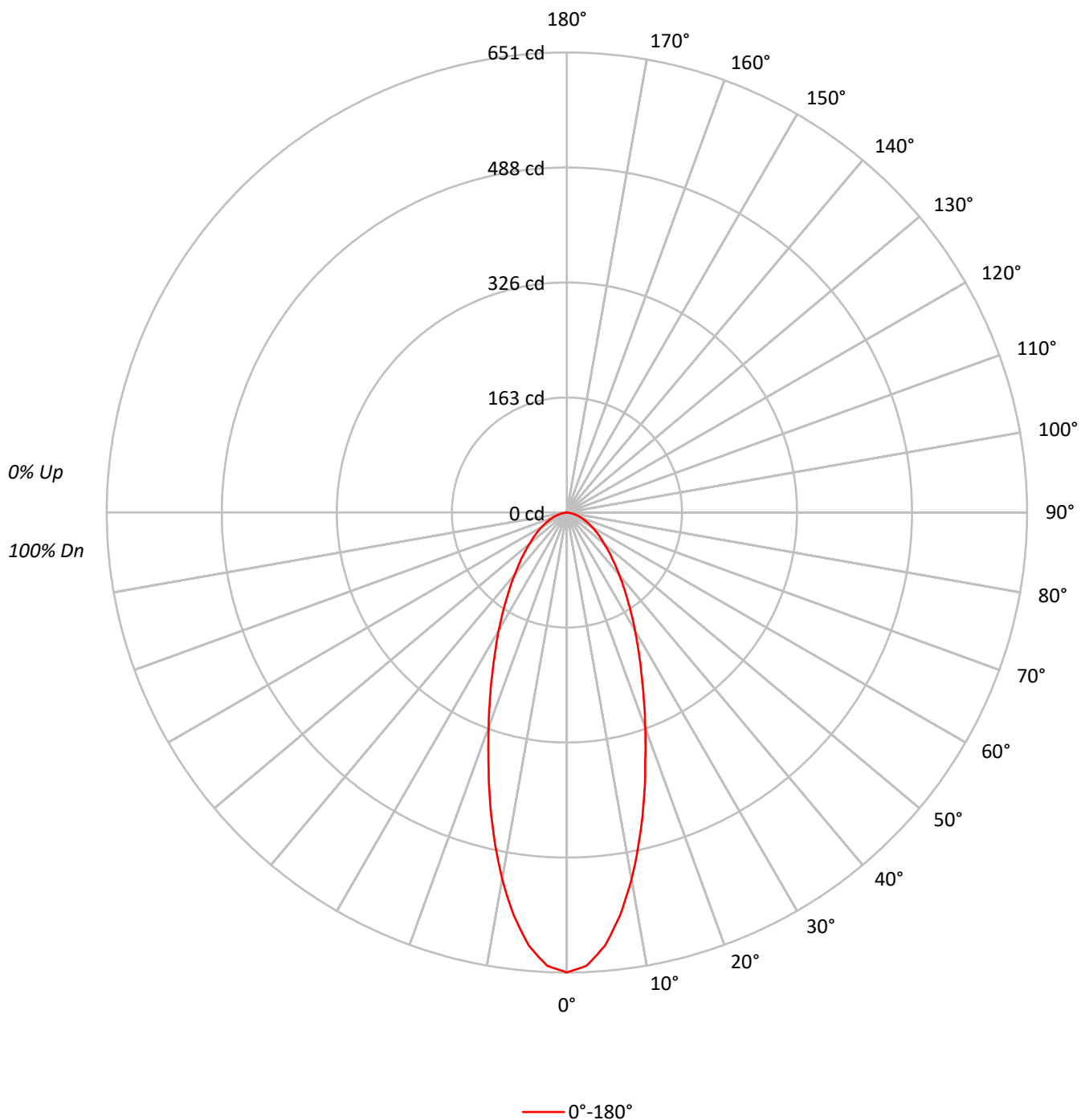
Lumens per Lamp: N/A
Luminaire Lumens: 547.1 lumens
Efficiency: N/A
Efficacy: 49.3 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.71
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1267015

CATALOG NUMBER: P3A09R259735DE010 E3PHLD1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1267015

CATALOG NUMBER: P3A09R259735DE010 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		95
2	104	98	93	89	102	96	92	88	93	89	86		90	87	84		87
3	97	89	83	78	95	88	82	77	85	80	76		83	78	75		80
4	91	82	75	70	89	81	74	69	78	73	69		76	72	68		74
5	86	76	68	63	84	75	68	63	73	67	62		71	66	62		69
6	81	70	63	58	79	69	62	57	68	62	57		66	61	57		65
7	76	65	58	53	75	64	58	53	63	57	53		62	56	52		61
8	72	61	54	49	71	60	54	49	59	53	49		58	53	49		57
9	68	57	50	46	67	57	50	46	56	50	46		55	49	45		54
10	65	54	47	43	64	53	47	43	52	47	43		52	46	43		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	142730
5°	135483
10°	117344
15°	95528
20°	75490
25°	60173
30°	48792
35°	39752
40°	32919
45°	27755
50°	23470
55°	20683
60°	18113
65°	15825
70°	13848
75°	11692
80°	8713
85°	5032

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 27755 cd/sqm

TEST NUMBER: P1267015

CATALOG NUMBER: P3A09R259735DE010 E3PHLD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	55.9	10.2
10°-20°	116.7	21.3
20°-30°	115.0	21.0
30°-40°	93.6	17.1
40°-50°	69.5	12.7
50°-60°	48.5	8.9
60°-70°	30.4	5.6
70°-80°	14.6	2.7
80°-90°	2.8	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°	287.6	52.6
0°-40°	381.2	69.7
0°-60°	499.2	91.3
0°-90°	547.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	547.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	651	
5°	616	56
15°	421	117
25°	249	115
35°	148	94
45°	90	69
55°	54	49
65°	30	30
75°	14	15
85°	2	3
90°	0	

TEST NUMBER: P1267015

CATALOG NUMBER: P3A09R259735DE010 E3PHLD1MW

CANDELA DISTRIBUTION (FULL):

	0°
0°	650.9
2.5°	642.0
5°	615.5
7.5°	575.2
10°	527.0
12.5°	473.9
15°	420.8
17.5°	368.7
20°	323.5
22.5°	284.1
25°	248.7
27.5°	218.3
30°	192.7
32.5°	169.1
35°	148.5
37.5°	130.8
40°	115.0
42.5°	101.3
45°	89.5
47.5°	78.7
50°	68.8
52.5°	61.0
55°	54.1
57.5°	47.2
60°	41.3
62.5°	35.4
65°	30.5
67.5°	25.6
70°	21.6
72.5°	17.7
75°	13.8
77.5°	9.8
80°	6.9
82.5°	3.9
85°	2.0
87.5°	1.0
90°	0.0

(END OF REPORT)