

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: P1266514

Luminaire Tested: P3A05R109735DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1266514
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R109735DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R10 optic, 3500K CCT AND, 97CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

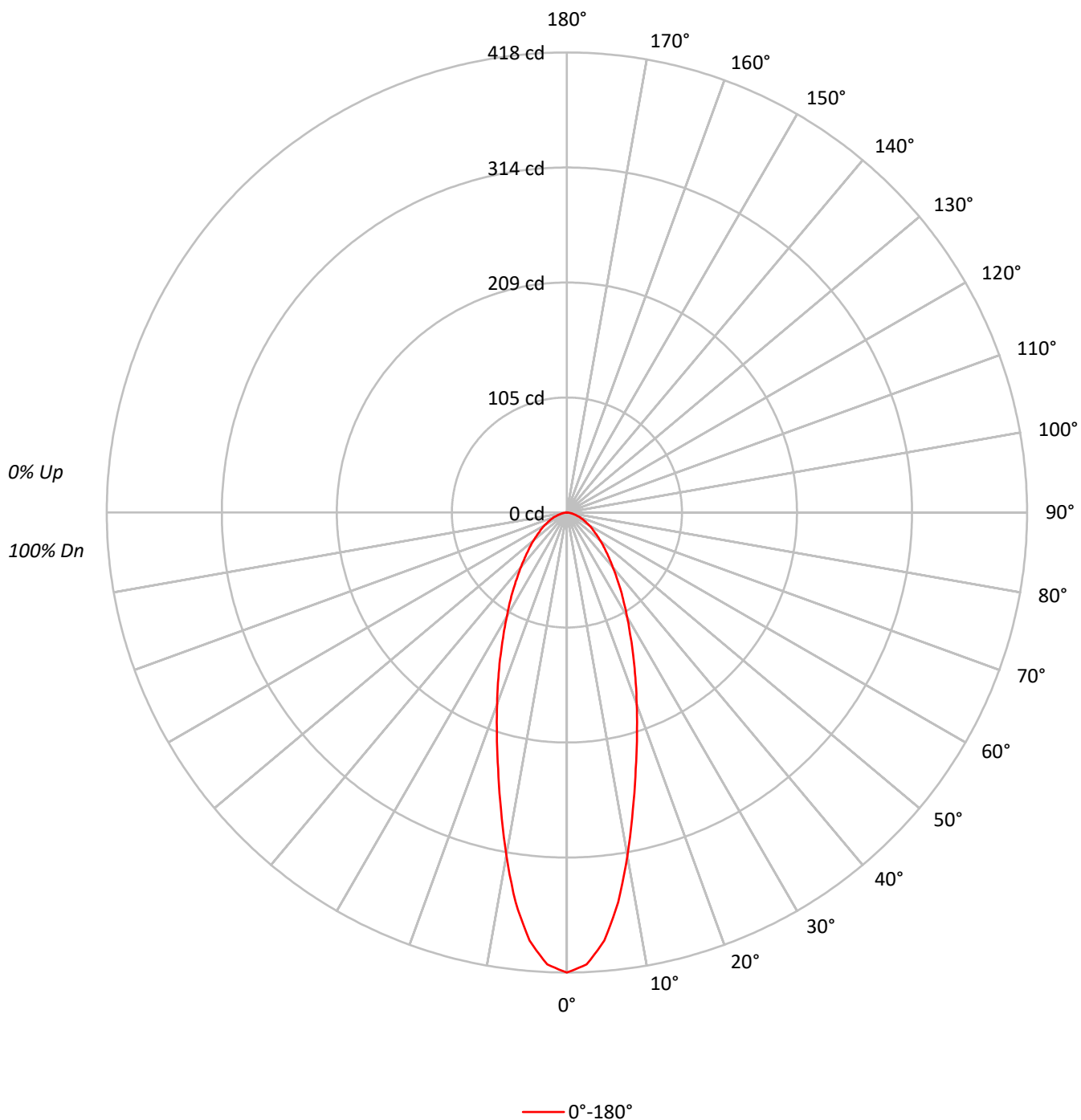
Lumens per Lamp: N/A
Luminaire Lumens: 314.9 lumens
Efficiency: N/A
Efficacy: 39.9 lumens/watt
Spacing Criteria (0/90/45): 0.56 / 0.56 / 0.66
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.9
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: P1266514

CATALOG NUMBER: P3A05R109735DE010 E3PHLD1MW

Luminous Intensity Polar Plot



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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	104	98	93	89	102	97	92	88	93	89	86		90	87	84		87
3	98	90	84	79	96	88	83	78	85	81	77		83	79	75		81
4	92	82	76	70	90	81	75	70	79	73	69		77	72	68		75
5	86	76	69	64	84	75	68	63	73	67	63		71	66	62		70
6	81	71	63	58	79	70	63	58	68	62	58		67	61	57		65
7	77	66	59	54	75	65	58	54	64	58	53		62	57	53		61
8	72	61	55	50	71	61	54	50	60	54	49		59	53	49		58
9	69	58	51	47	68	57	51	46	56	50	46		55	50	46		54
10	65	54	48	44	64	54	48	44	53	47	43		52	47	43		52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	91659
5°	85934
10°	70473
15°	54734
20°	43217
25°	34429
30°	27650
35°	22566
40°	18606
45°	15630
50°	13441
55°	11622
60°	10306
65°	8976
70°	7950
75°	6439
80°	5177
85°	3522

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 15630 cd/sqm

TEST NUMBER: P1266514

CATALOG NUMBER: P3A05R109735DE010 E3PHLD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	34.9	11.1
10°-20°	67.5	21.4
20°-30°	65.7	20.8
30°-40°	53.1	16.8
40°-50°	39.4	12.5
50°-60°	27.5	8.7
60°-70°	17.2	5.5
70°-80°	8.2	2.6
80°-90°	1.5	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°	168.1	53.4
0°-40°	221.1	70.2
0°-60°	288.0	91.5
0°-90°	314.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	314.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	418	
5°	390	35
15°	241	68
25°	142	66
35°	84	53
45°	50	39
55°	30	28
65°	17	17
75°	8	8
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	418.0
2.5°	411.1
5°	390.4
7.5°	357.2
10°	316.5
12.5°	276.4
15°	241.1
17.5°	211.4
20°	185.2
22.5°	162.4
25°	142.3
27.5°	124.4
30°	109.2
32.5°	96.0
35°	84.3
37.5°	73.9
40°	65.0
42.5°	57.3
45°	50.4
47.5°	44.9
50°	39.4
52.5°	34.5
55°	30.4
57.5°	26.9
60°	23.5
62.5°	20.0
65°	17.3
67.5°	14.5
70°	12.4
72.5°	9.7
75°	7.6
77.5°	5.5
80°	4.1
82.5°	2.1
85°	1.4
87.5°	0.0
90°	0.0

(END OF REPORT)