

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: P1261756

Luminaire Tested: P3AS05R109727DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261756
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: P3AS05R109727DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R10 optic, 2700K CCT AND, 97CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

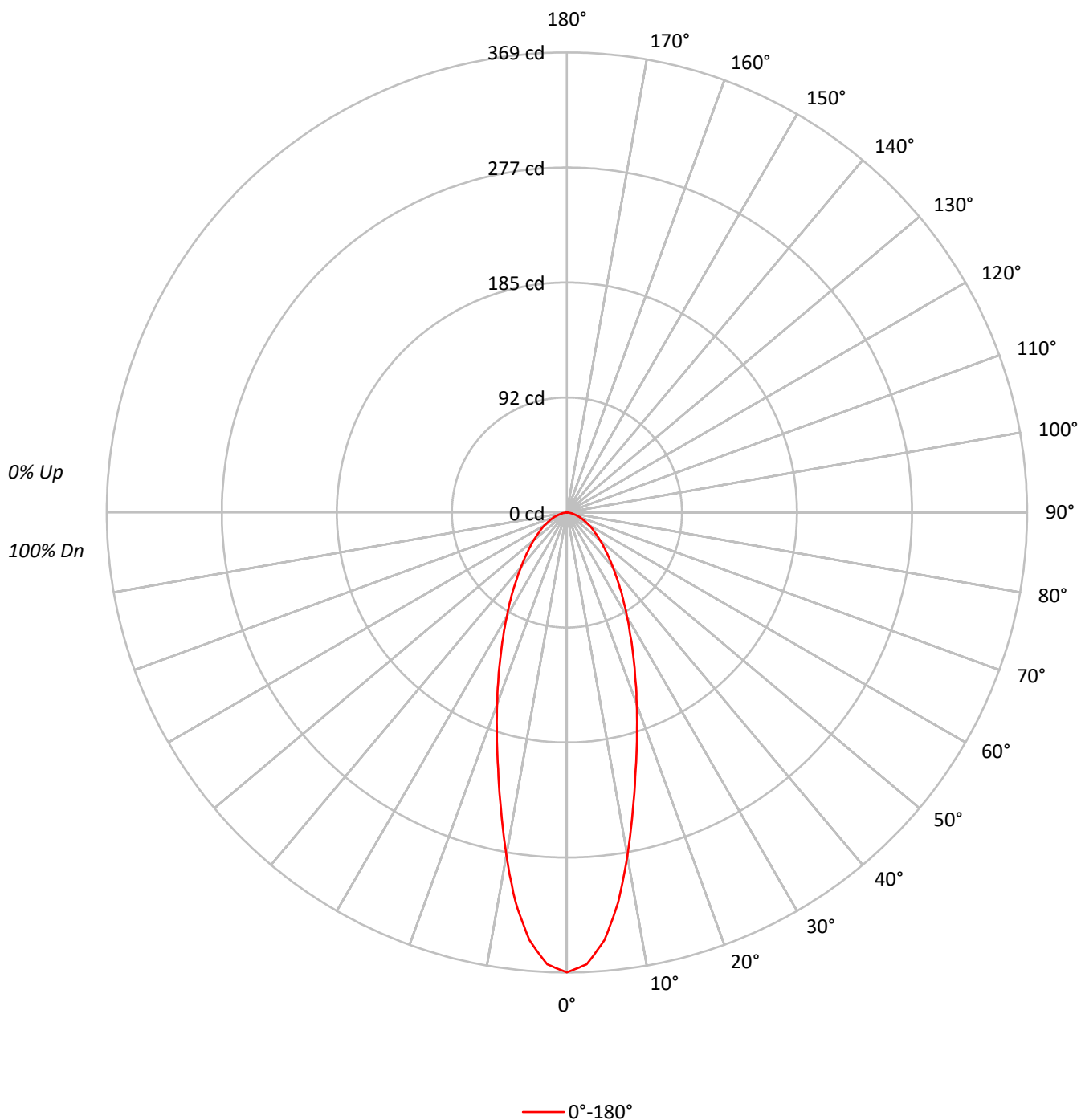
Lumens per Lamp: N/A
Luminaire Lumens: 278.0 lumens
Efficiency: N/A
Efficacy: 35.2 lumens/watt
Spacing Criteria (0/90/45): 0.56 / 0.56 / 0.66
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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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°	80893
5°	75831
10°	62190
15°	48309
20°	38130
25°	30389
30°	24383
35°	19916
40°	16402
45°	13800
50°	11872
55°	10246
60°	9078
65°	7887
70°	7052
75°	5676
80°	4672
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 13800 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	30.8	11.1
10°-20°	59.6	21.4
20°-30°	57.9	20.8
30°-40°	46.8	16.8
40°-50°	34.8	12.5
50°-60°	24.3	8.7
60°-70°	15.2	5.5
70°-80°	7.2	2.6
80°-90°	1.3	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°	148.3	53.4
0°-40°	195.1	70.2
0°-60°	254.2	91.5
0°-90°	278.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	278.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	369	
5°	344	31
15°	213	60
25°	126	58
35°	74	47
45°	44	35
55°	27	24
65°	15	15
75°	7	7
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	368.9
2.5°	362.8
5°	344.5
7.5°	315.3
10°	279.3
12.5°	243.9
15°	212.8
17.5°	186.6
20°	163.4
22.5°	143.3
25°	125.6
27.5°	109.8
30°	96.3
32.5°	84.8
35°	74.4
37.5°	65.2
40°	57.3
42.5°	50.6
45°	44.5
47.5°	39.6
50°	34.8
52.5°	30.5
55°	26.8
57.5°	23.8
60°	20.7
62.5°	17.7
65°	15.2
67.5°	12.8
70°	11.0
72.5°	8.5
75°	6.7
77.5°	4.9
80°	3.7
82.5°	1.8
85°	1.2
87.5°	0.0
90°	0.0

(END OF REPORT)