

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: P1273602

Luminaire Tested: P3A09R159830DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1273602
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: P3A09R159830DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 3000K CCT AND, 98CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

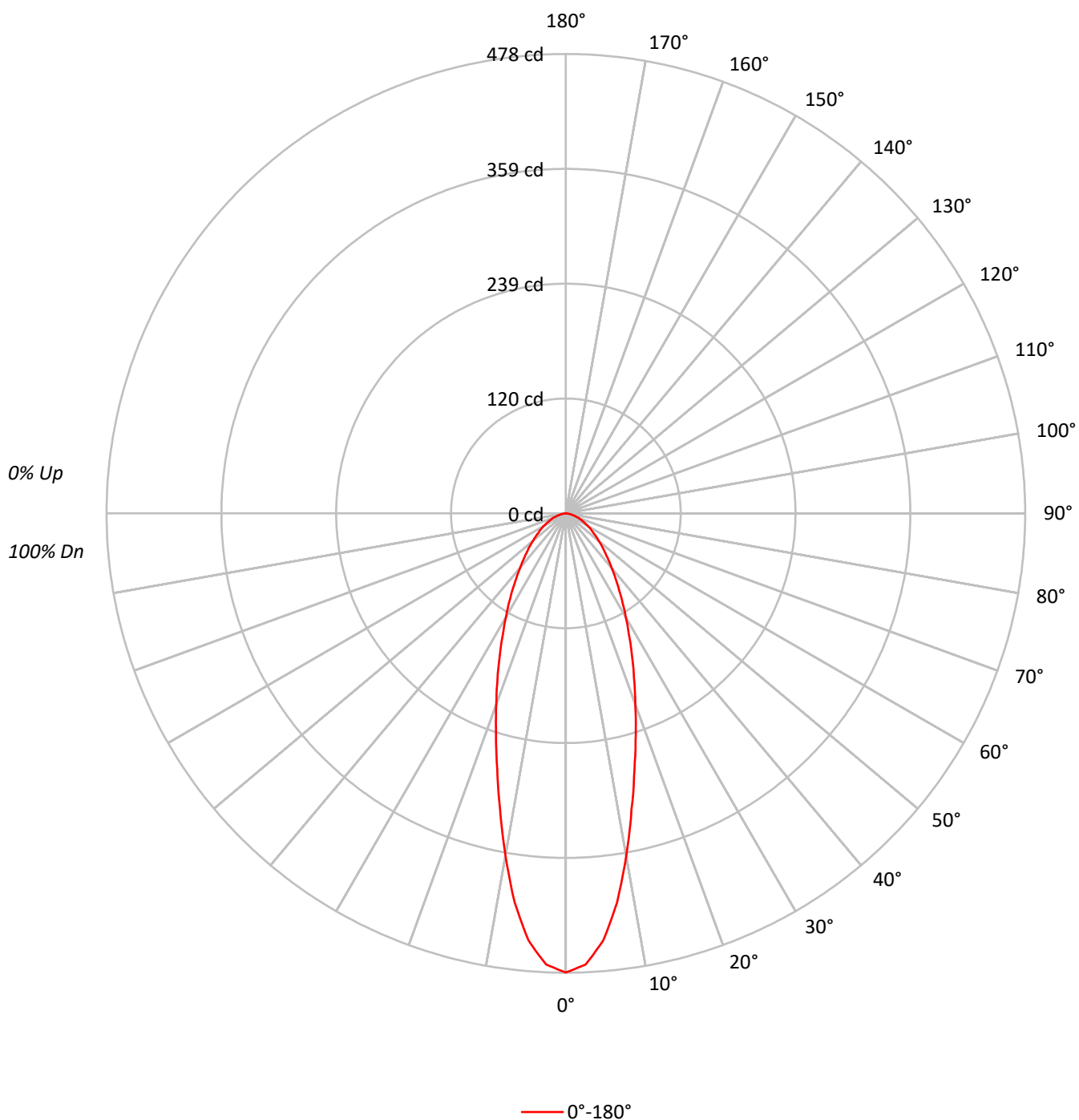
Lumens per Lamp: N/A
Luminaire Lumens: 360.0 lumens
Efficiency: N/A
Efficacy: 32.7 lumens/watt
Spacing Criteria (0/90/45): 0.56 / 0.56 / 0.67
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11
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°	104750
5°	98217
10°	80537
15°	62566
20°	49378
25°	39365
30°	31600
35°	25779
40°	21240
45°	17862
50°	15351
55°	13266
60°	11753
65°	10222
70°	9104
75°	7371
80°	5935
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 17862 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	39.9	11.1
10°-20°	77.2	21.4
20°-30°	75.0	20.8
30°-40°	60.6	16.8
40°-50°	45.0	12.5
50°-60°	31.4	8.7
60°-70°	19.7	5.5
70°-80°	9.4	2.6
80°-90°	1.7	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°	192.1	53.4
0°-40°	252.7	70.2
0°-60°	329.2	91.4
0°-90°	360.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	360.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	478	
5°	446	40
15°	276	77
25°	163	75
35°	96	61
45°	58	45
55°	35	31
65°	20	20
75°	9	9
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	477.7
2.5°	469.9
5°	446.2
7.5°	408.3
10°	361.7
12.5°	315.9
15°	275.6
17.5°	241.6
20°	211.6
22.5°	185.6
25°	162.7
27.5°	142.1
30°	124.8
32.5°	109.8
35°	96.3
37.5°	84.5
40°	74.2
42.5°	65.5
45°	57.6
47.5°	51.3
50°	45.0
52.5°	39.5
55°	34.7
57.5°	30.8
60°	26.8
62.5°	22.9
65°	19.7
67.5°	16.6
70°	14.2
72.5°	11.1
75°	8.7
77.5°	6.3
80°	4.7
82.5°	2.4
85°	1.6
87.5°	0.0
90°	0.0

(END OF REPORT)