

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: P1286022

Luminaire Tested: P3AS02R159030D2WDE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1286022
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: P3AS02R159030D2WDE010 E3PHLD1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R15 optic, 3000K CCT AND, 90CRI ,
E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

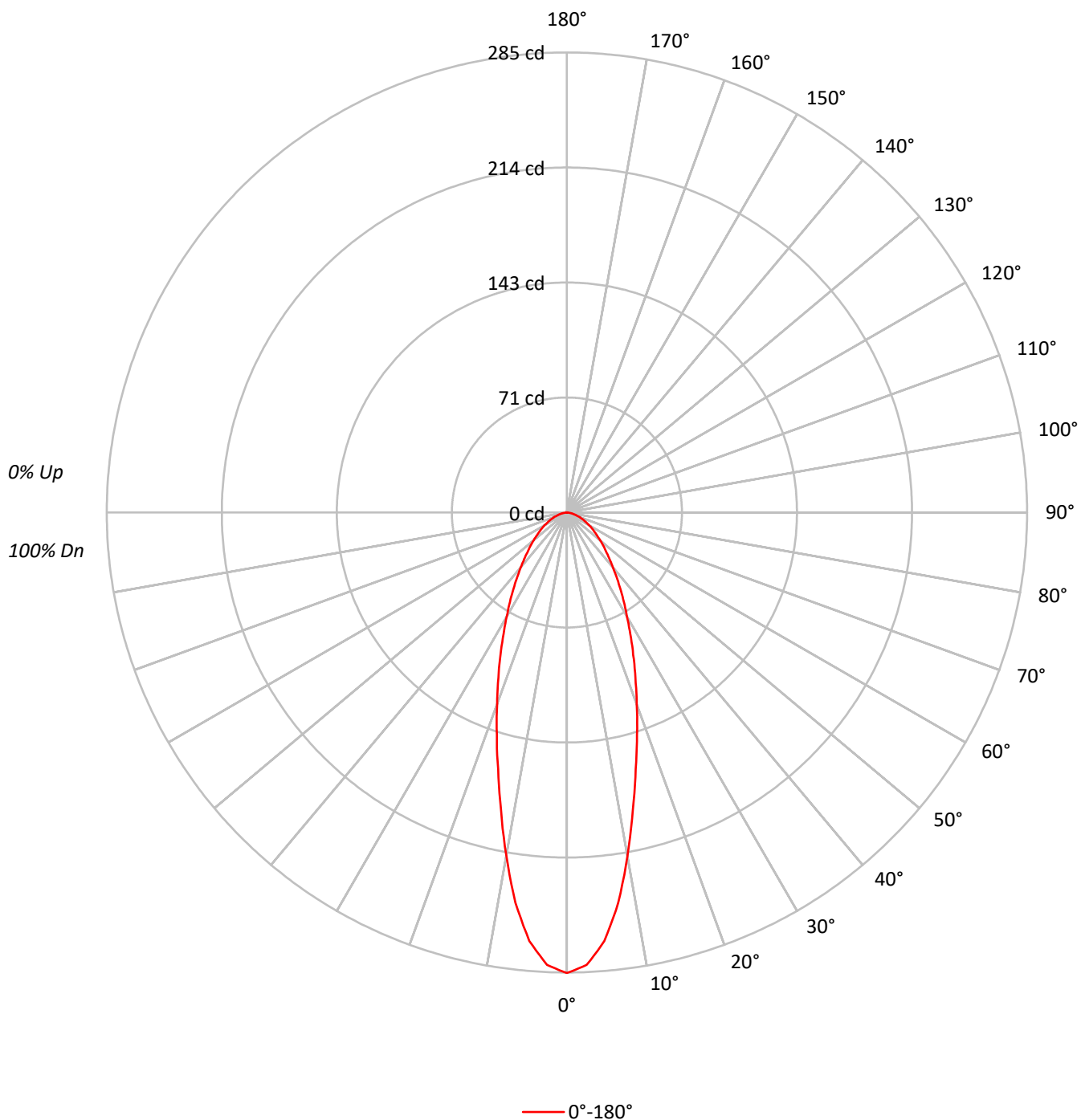
Lumens per Lamp: N/A
Luminaire Lumens: 215.0 lumens
Efficiency: N/A
Efficacy: 29.9 lumens/watt
Spacing Criteria (0/90/45): 0.56 / 0.56 / 0.67
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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°	62561
5°	58662
10°	48095
15°	37367
20°	29496
25°	23517
30°	18864
35°	15392
40°	12681
45°	10668
50°	9177
55°	7952
60°	7017
65°	6123
70°	5450
75°	4406
80°	3536
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 10668 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	23.8	11.1
10°-20°	46.1	21.4
20°-30°	44.8	20.8
30°-40°	36.2	16.8
40°-50°	26.9	12.5
50°-60°	18.8	8.7
60°-70°	11.8	5.5
70°-80°	5.6	2.6
80°-90°	1.0	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°	114.7	53.4
0°-40°	150.9	70.2
0°-60°	196.6	91.5
0°-90°	215.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	215.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	285	
5°	266	24
15°	165	46
25°	97	45
35°	58	36
45°	34	27
55°	21	19
65°	12	12
75°	5	6
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	285.3
2.5°	280.6
5°	266.5
7.5°	243.8
10°	216.0
12.5°	188.6
15°	164.6
17.5°	144.3
20°	126.4
22.5°	110.8
25°	97.2
27.5°	84.9
30°	74.5
32.5°	65.6
35°	57.5
37.5°	50.5
40°	44.3
42.5°	39.1
45°	34.4
47.5°	30.7
50°	26.9
52.5°	23.6
55°	20.8
57.5°	18.4
60°	16.0
62.5°	13.7
65°	11.8
67.5°	9.9
70°	8.5
72.5°	6.6
75°	5.2
77.5°	3.8
80°	2.8
82.5°	1.4
85°	0.9
87.5°	0.0
90°	0.0

(END OF REPORT)