

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: P1274982

Luminaire Tested: P3AS02R159835DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274982
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: P3AS02R159835DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 3500K CCT AND, 98CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

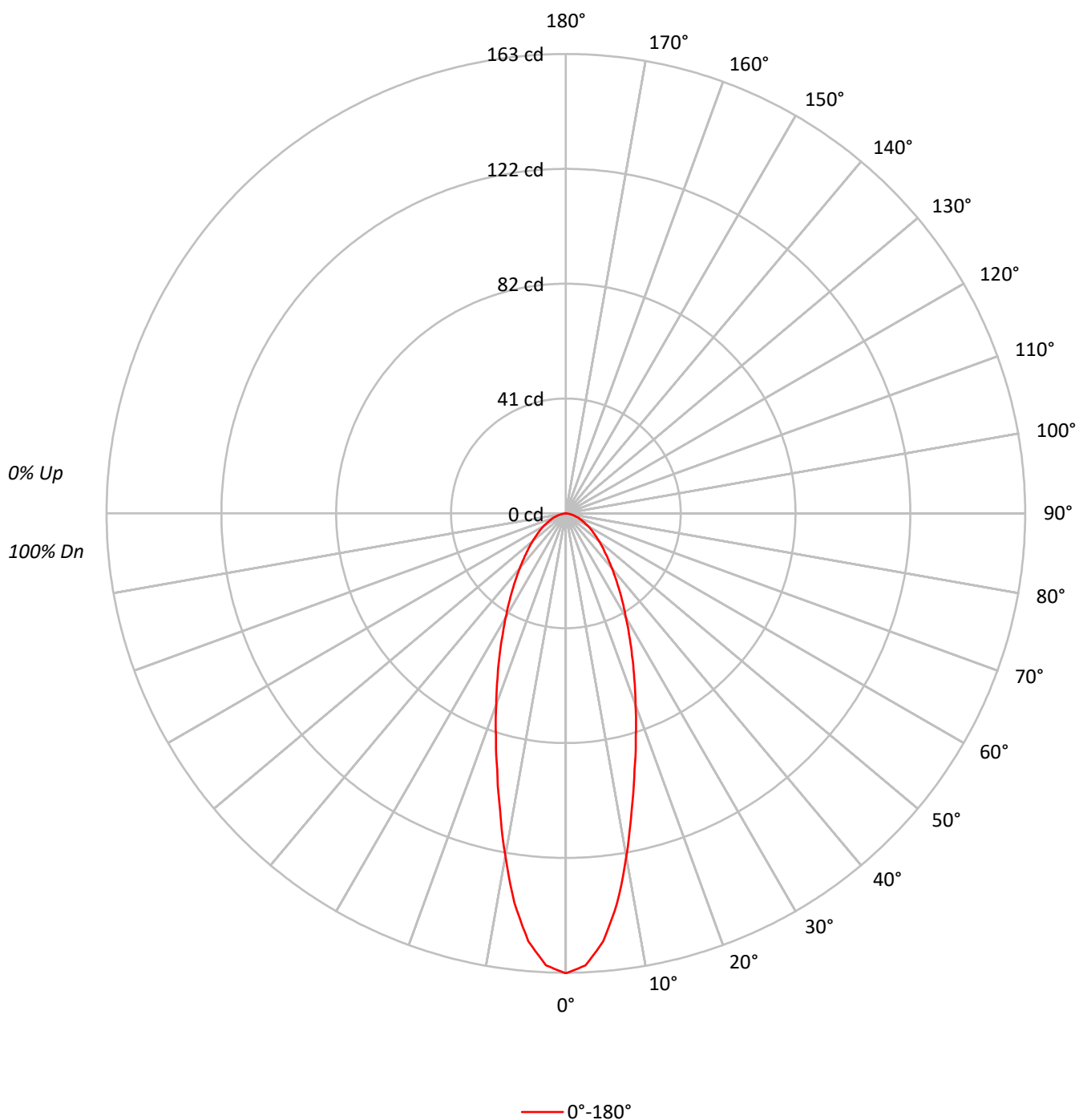
Lumens per Lamp: N/A
Luminaire Lumens: 123.0 lumens
Efficiency: N/A
Efficacy: 34.2 lumens/watt
Spacing Criteria (0/90/45): 0.56 / 0.56 / 0.67
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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	83	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	70	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	46	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°	35787
5°	33546
10°	27521
15°	21385
20°	16871
25°	13452
30°	10786
35°	8807
40°	7271
45°	6109
50°	5254
55°	4549
60°	4035
65°	3476
70°	3142
75°	2542
80°	2020
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 6109 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	13.6	11.1
10°-20°	26.4	21.4
20°-30°	25.6	20.8
30°-40°	20.7	16.8
40°-50°	15.4	12.5
50°-60°	10.8	8.7
60°-70°	6.7	5.5
70°-80°	3.2	2.6
80°-90°	0.6	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°	65.6	53.3
0°-40°	86.4	70.2
0°-60°	112.5	91.4
0°-90°	123.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	123.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	163	
5°	152	14
15°	94	26
25°	56	26
35°	33	21
45°	20	15
55°	12	11
65°	7	7
75°	3	3
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	163.2
2.5°	160.5
5°	152.4
7.5°	139.5
10°	123.6
12.5°	107.9
15°	94.2
17.5°	82.6
20°	72.3
22.5°	63.4
25°	55.6
27.5°	48.6
30°	42.6
32.5°	37.5
35°	32.9
37.5°	28.9
40°	25.4
42.5°	22.4
45°	19.7
47.5°	17.5
50°	15.4
52.5°	13.5
55°	11.9
57.5°	10.5
60°	9.2
62.5°	7.8
65°	6.7
67.5°	5.7
70°	4.9
72.5°	3.8
75°	3.0
77.5°	2.2
80°	1.6
82.5°	0.8
85°	0.5
87.5°	0.0
90°	0.0

(END OF REPORT)