

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: P1258740

Luminaire Tested: P3AS02R129050DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1258740
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: P3AS02R129050DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R12 optic, 5000K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

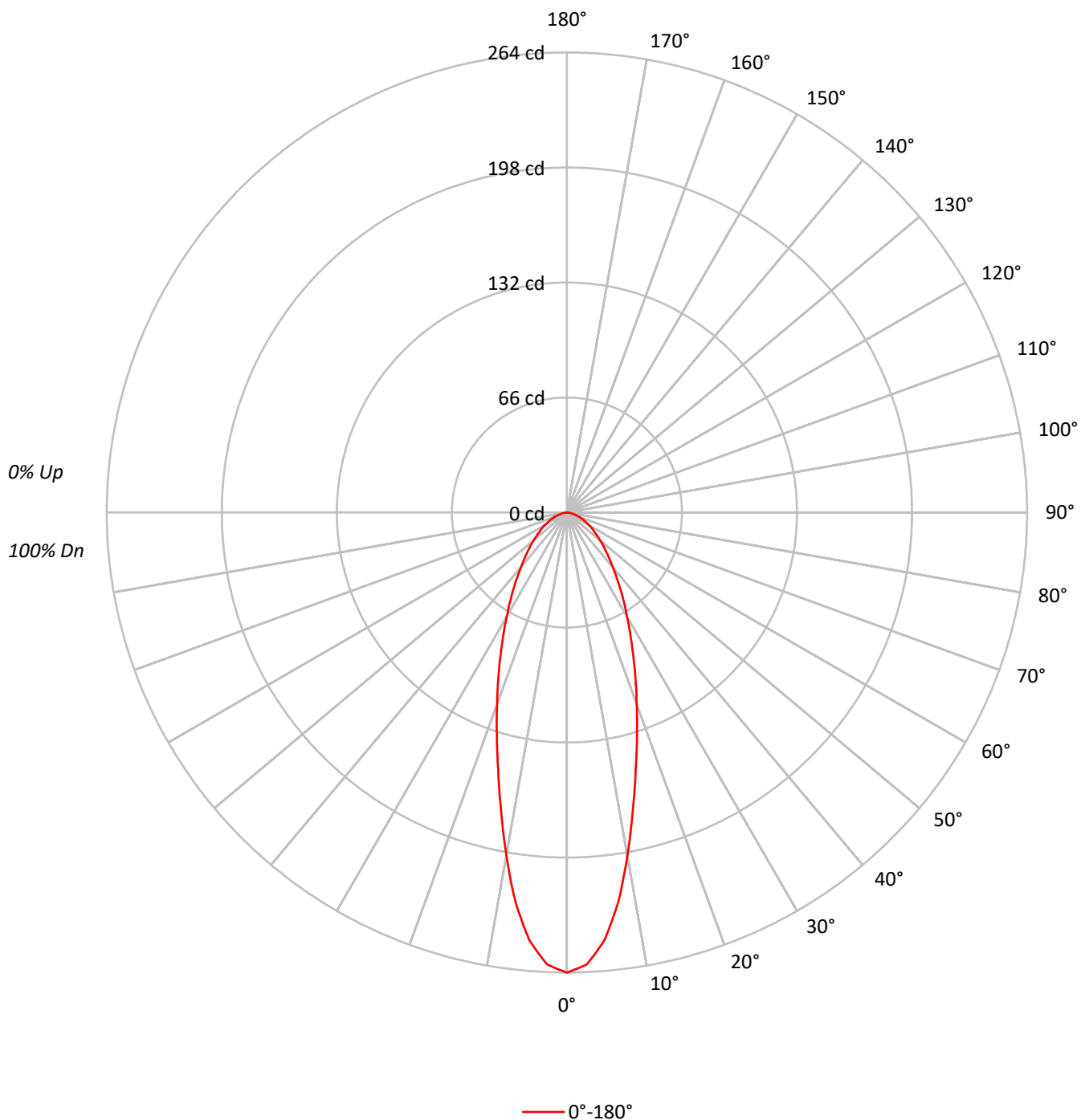
Lumens per Lamp: N/A
Luminaire Lumens: 199.0 lumens
Efficiency: N/A
Efficacy: 53.8 lumens/watt
Spacing Criteria (0/90/45): 0.56 / 0.56 / 0.66
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.7
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	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°	57912
5°	54281
10°	44510
15°	34575
20°	27302
25°	21751
30°	17471
35°	14268
40°	11736
45°	9892
50°	8494
55°	7340
60°	6491
65°	5656
70°	5065
75°	4067
80°	3283
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 9892 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	22.0	11.1
10°-20°	42.7	21.4
20°-30°	41.5	20.8
30°-40°	33.5	16.8
40°-50°	24.9	12.5
50°-60°	17.4	8.7
60°-70°	10.9	5.5
70°-80°	5.2	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°	106.2	53.4
0°-40°	139.7	70.2
0°-60°	182.0	91.4
0°-90°	199.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	199.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	264	
5°	247	22
15°	152	43
25°	90	41
35°	53	34
45°	32	25
55°	19	17
65°	11	11
75°	5	5
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	264.1
2.5°	259.7
5°	246.6
7.5°	225.7
10°	199.9
12.5°	174.6
15°	152.3
17.5°	133.6
20°	117.0
22.5°	102.6
25°	89.9
27.5°	78.6
30°	69.0
32.5°	60.7
35°	53.3
37.5°	46.7
40°	41.0
42.5°	36.2
45°	31.9
47.5°	28.4
50°	24.9
52.5°	21.8
55°	19.2
57.5°	17.0
60°	14.8
62.5°	12.7
65°	10.9
67.5°	9.2
70°	7.9
72.5°	6.1
75°	4.8
77.5°	3.5
80°	2.6
82.5°	1.3
85°	0.9
87.5°	0.0
90°	0.0

(END OF REPORT)