

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: P1260276

Luminaire Tested: P3AS17R159050DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260276
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: P3AS17R159050DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 5000K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

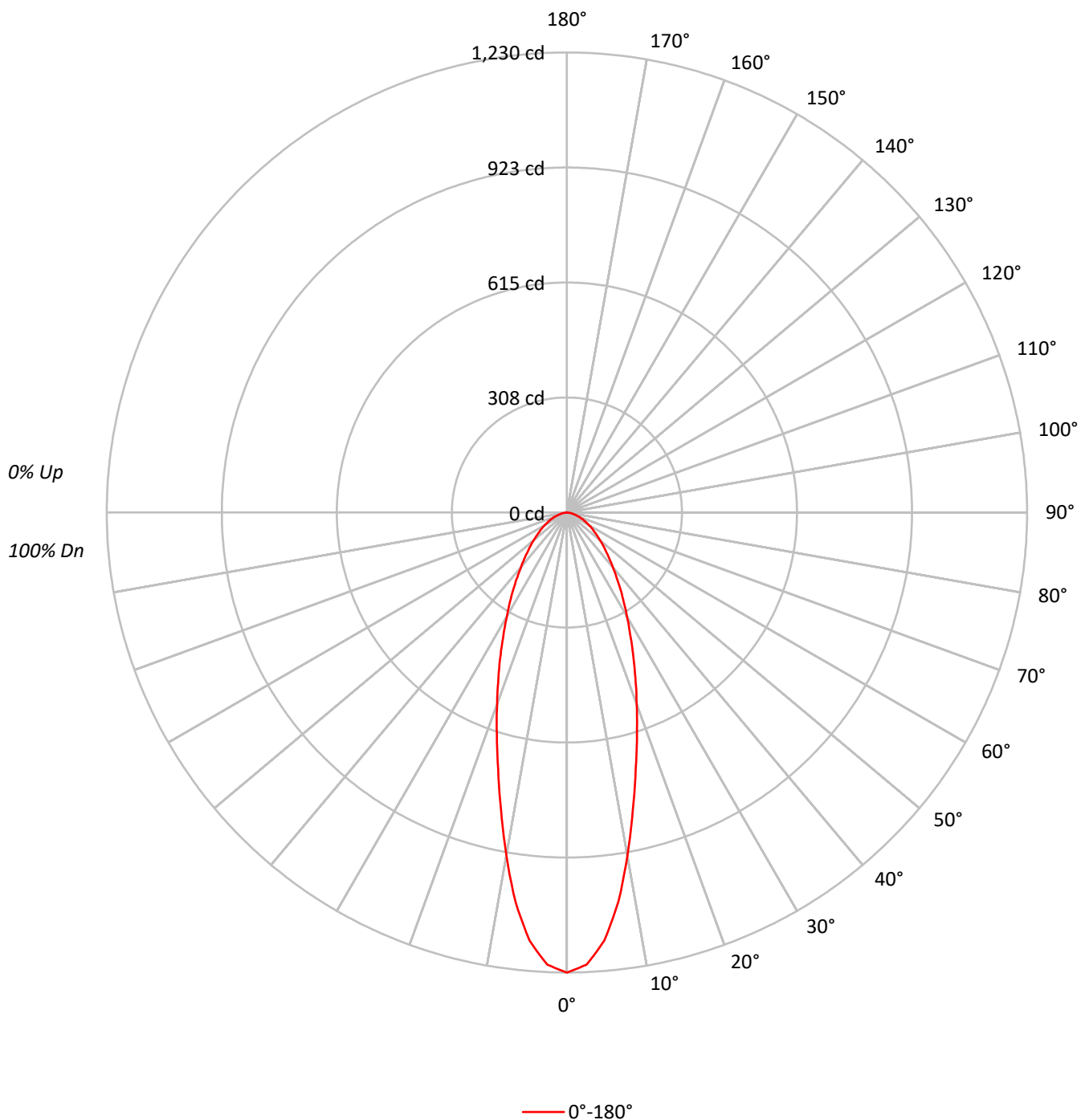
Lumens per Lamp: N/A
Luminaire Lumens: 927.0 lumens
Efficiency: N/A
Efficacy: 43.7 lumens/watt
Spacing Criteria (0/90/45): 0.56 / 0.56 / 0.66
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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	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	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°	269759
5°	252894
10°	207366
15°	161113
20°	127178
25°	101353
30°	81354
35°	66414
40°	54702
45°	46020
50°	39538
55°	34216
60°	30305
65°	26358
70°	23465
75°	18978
80°	15406
85°	10315

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 46020 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	102.6	11.1
10°-20°	198.8	21.4
20°-30°	193.2	20.8
30°-40°	156.2	16.8
40°-50°	115.9	12.5
50°-60°	81.0	8.7
60°-70°	50.8	5.5
70°-80°	24.1	2.6
80°-90°	4.4	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°	494.6	53.4
0°-40°	650.8	70.2
0°-60°	847.7	91.4
0°-90°	927.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	927.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1230	
5°	1149	103
15°	710	199
25°	419	193
35°	248	156
45°	148	116
55°	90	81
65°	51	51
75°	22	24
85°	4	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	1230.2
2.5°	1209.9
5°	1148.9
7.5°	1051.3
10°	931.3
12.5°	813.4
15°	709.7
17.5°	622.2
20°	545.0
22.5°	477.8
25°	418.9
27.5°	366.0
30°	321.3
32.5°	282.6
35°	248.1
37.5°	217.6
40°	191.1
42.5°	168.8
45°	148.4
47.5°	132.2
50°	115.9
52.5°	101.7
55°	89.5
57.5°	79.3
60°	69.1
62.5°	59.0
65°	50.8
67.5°	42.7
70°	36.6
72.5°	28.5
75°	22.4
77.5°	16.3
80°	12.2
82.5°	6.1
85°	4.1
87.5°	0.0
90°	0.0

(END OF REPORT)