

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: P1270092

Luminaire Tested: P3AS17R159740DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1270092
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: P3AS17R159740DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 4000K CCT AND, 97CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

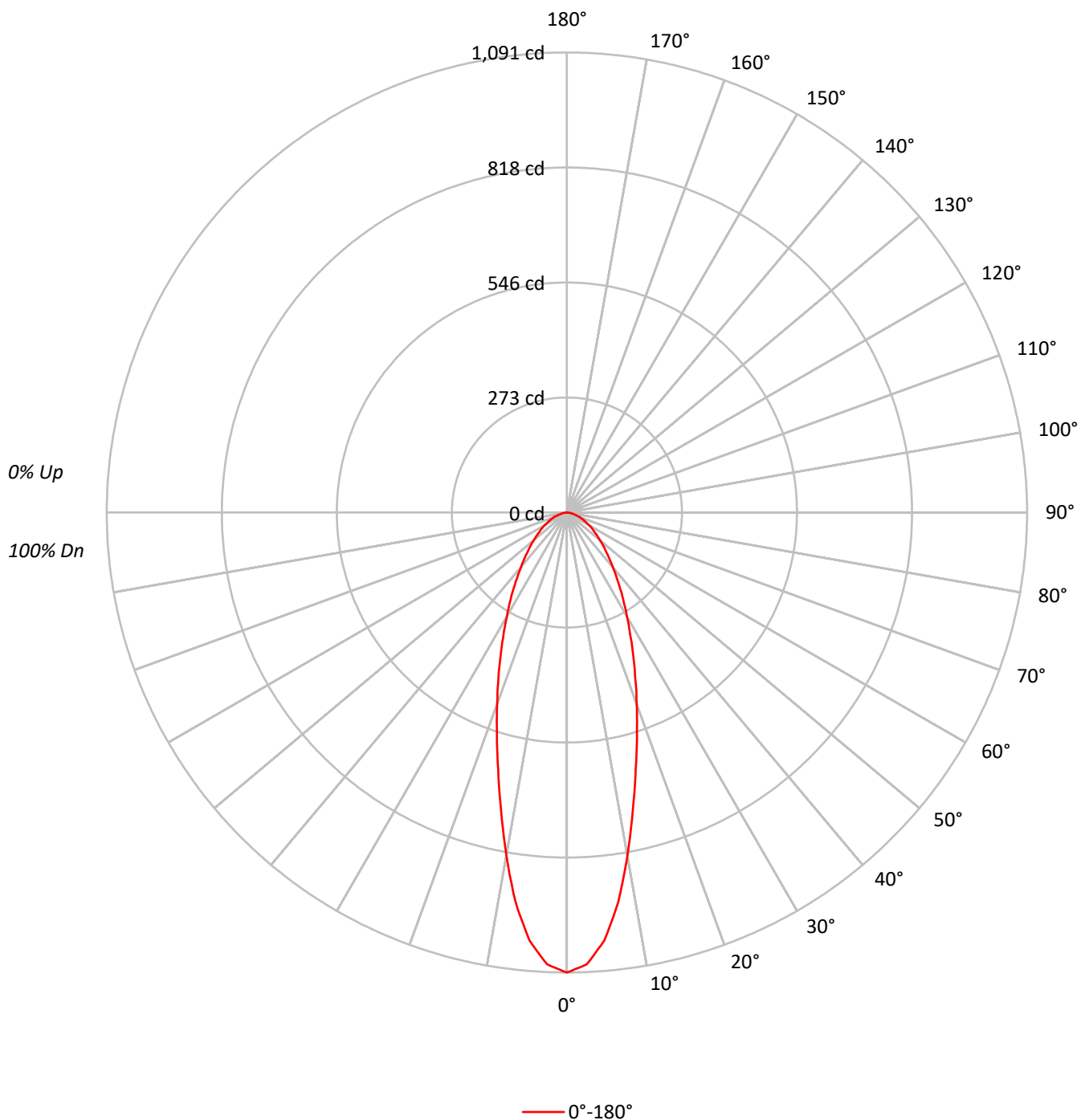
Lumens per Lamp: N/A
Luminaire Lumens: 822.0 lumens
Efficiency: N/A
Efficacy: 38.8 lumens/watt
Spacing Criteria (0/90/45): 0.56 / 0.56 / 0.66
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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	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°	239213
5°	224235
10°	183875
15°	142861
20°	112756
25°	89860
30°	72138
35°	58892
40°	48519
45°	40810
50°	35069
55°	30317
60°	26884
65°	23401
70°	20837
75°	16775
80°	13638
85°	9057

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 40810 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	91.0	11.1
10°-20°	176.3	21.4
20°-30°	171.3	20.8
30°-40°	138.5	16.8
40°-50°	102.8	12.5
50°-60°	71.8	8.7
60°-70°	45.0	5.5
70°-80°	21.4	2.6
80°-90°	3.9	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°	438.6	53.4
0°-40°	577.0	70.2
0°-60°	751.7	91.4
0°-90°	822.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	822.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1091	
5°	1019	91
15°	629	176
25°	371	171
35°	220	138
45°	132	103
55°	79	72
65°	45	45
75°	20	21
85°	4	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1090.9
2.5°	1072.8
5°	1018.7
7.5°	932.2
10°	825.8
12.5°	721.2
15°	629.3
17.5°	551.7
20°	483.2
22.5°	423.7
25°	371.4
27.5°	324.6
30°	284.9
32.5°	250.6
35°	220.0
37.5°	192.9
40°	169.5
42.5°	149.7
45°	131.6
47.5°	117.2
50°	102.8
52.5°	90.2
55°	79.3
57.5°	70.3
60°	61.3
62.5°	52.3
65°	45.1
67.5°	37.9
70°	32.5
72.5°	25.2
75°	19.8
77.5°	14.4
80°	10.8
82.5°	5.4
85°	3.6
87.5°	0.0
90°	0.0

(END OF REPORT)