

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: P1254247

Luminaire Tested: P3AS09R259035DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1254247
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R259035DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

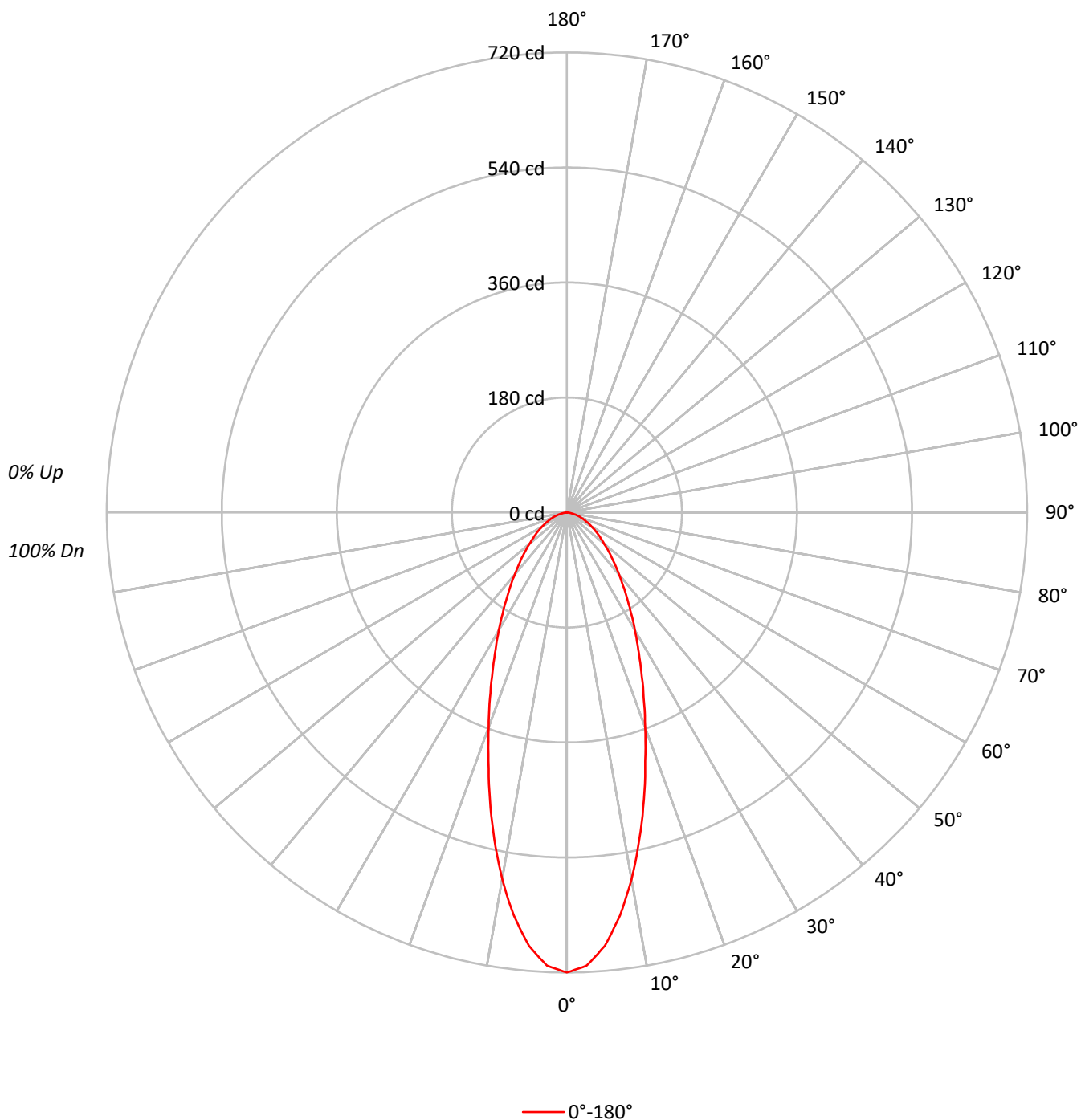
Lumens per Lamp: N/A
Luminaire Lumens: 605.0 lumens
Efficiency: N/A
Efficacy: 54.5 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.71
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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	100	102	99	97		98	96	94		95
2	104	98	93	89	102	96	92	88	93	89	86		90	87	84		87
3	97	89	83	78	95	88	82	77	85	80	76		83	78	75		80
4	91	82	75	70	89	81	74	69	78	73	69		76	72	68		74
5	86	76	68	63	84	75	68	63	73	67	62		71	66	62		69
6	81	70	63	58	79	69	62	57	68	62	57		66	61	57		65
7	76	65	58	53	75	64	58	53	63	57	53		62	56	52		61
8	72	61	54	49	71	60	54	49	59	53	49		58	53	49		57
9	68	57	50	46	67	57	50	46	56	50	46		55	49	45		54
10	65	54	47	43	64	53	47	43	52	47	43		52	46	43		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	157860
5°	149835
10°	129791
15°	105653
20°	83494
25°	66560
30°	53958
35°	43955
40°	36411
45°	30701
50°	25961
55°	22862
60°	20042
65°	17486
70°	15323
75°	12878
80°	9597
85°	5535

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 30701 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	61.8	10.2
10°-20°	129.1	21.3
20°-30°	127.2	21.0
30°-40°	103.5	17.1
40°-50°	76.8	12.7
50°-60°	53.6	8.9
60°-70°	33.6	5.6
70°-80°	16.2	2.7
80°-90°	3.1	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°	318.1	52.6
0°-40°	421.6	69.7
0°-60°	552.1	91.3
0°-90°	605.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	605.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	720	
5°	681	62
15°	465	129
25°	275	127
35°	164	104
45°	99	77
55°	60	54
65°	34	34
75°	15	16
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	719.9
2.5°	710.1
5°	680.7
7.5°	636.2
10°	582.9
12.5°	524.1
15°	465.4
17.5°	407.8
20°	357.8
22.5°	314.3
25°	275.1
27.5°	241.4
30°	213.1
32.5°	187.0
35°	164.2
37.5°	144.6
40°	127.2
42.5°	112.0
45°	99.0
47.5°	87.0
50°	76.1
52.5°	67.4
55°	59.8
57.5°	52.2
60°	45.7
62.5°	39.1
65°	33.7
67.5°	28.3
70°	23.9
72.5°	19.6
75°	15.2
77.5°	10.9
80°	7.6
82.5°	4.3
85°	2.2
87.5°	1.1
90°	0.0

(END OF REPORT)