

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: P1246119

Luminaire Tested: P3AS05R309024DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1246119
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-12)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R309024DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 2400K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

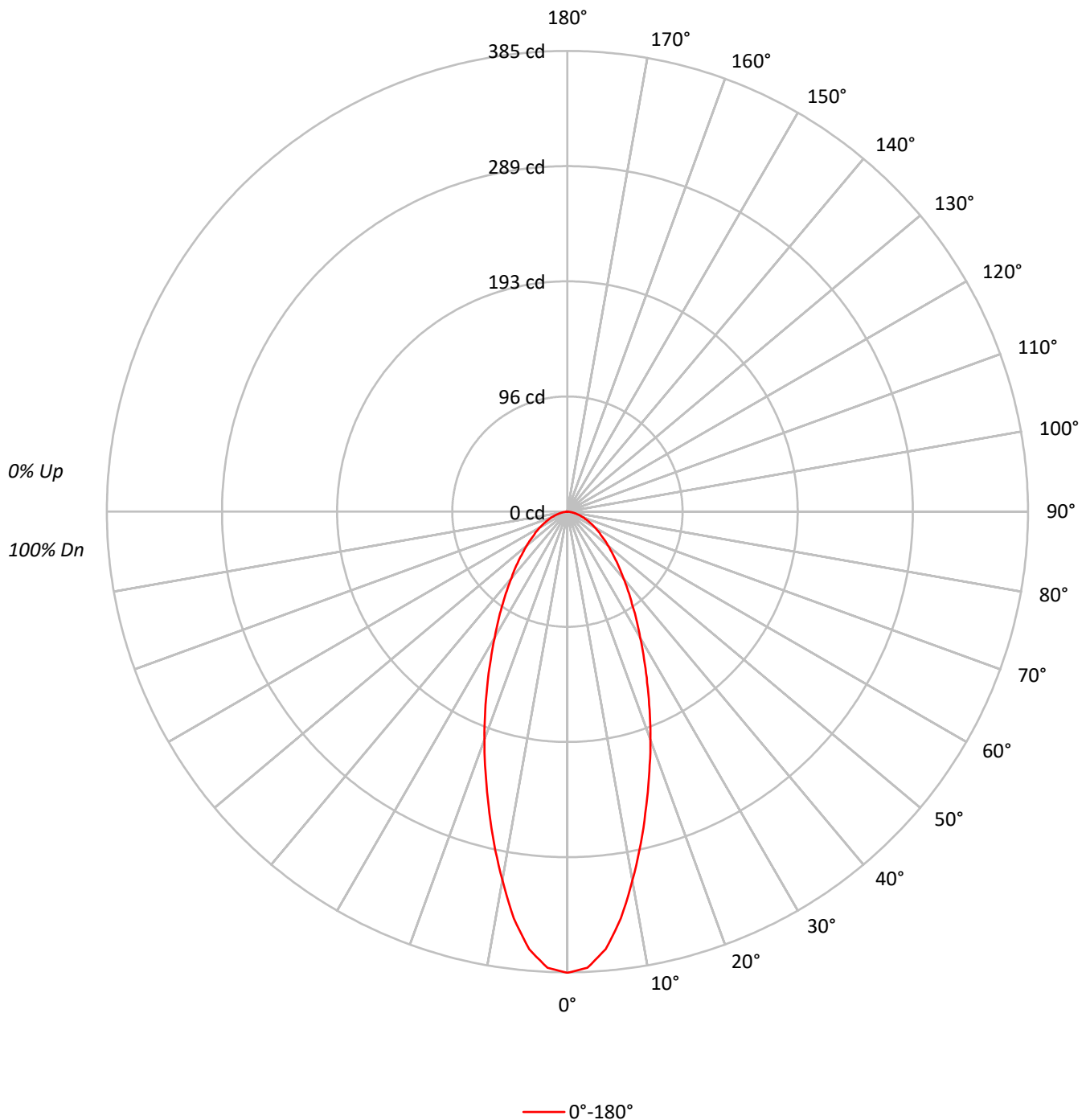
Lumens per Lamp: N/A
Luminaire Lumens: 342.9 lumens
Efficiency: N/A
Efficacy: 47.6 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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	100	102	99	97		98	96	94		94
2	104	98	93	88	102	96	91	87	93	89	85		90	86	83		87
3	97	89	83	78	95	88	82	77	85	80	76		82	78	75		80
4	91	82	75	69	89	80	74	69	78	72	68		76	71	67		74
5	85	75	68	63	84	74	67	62	72	66	62		70	65	61		69
6	80	69	62	57	79	69	62	57	67	61	56		65	60	56		64
7	76	65	57	52	74	64	57	52	62	56	52		61	56	52		60
8	72	60	53	48	70	60	53	48	58	52	48		57	52	48		56
9	68	57	50	45	66	56	49	45	55	49	45		54	49	45		53
10	64	53	47	42	63	53	46	42	52	46	42		51	46	42		50

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	84511
5°	80783
10°	69671
15°	57753
20°	47347
25°	38155
30°	30764
35°	25190
40°	20925
45°	17738
50°	15181
55°	13113
60°	11710
65°	10222
70°	8976
75°	7540
80°	5683
85°	3271

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 17738 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	33.3	9.7
10°-20°	70.9	20.7
20°-30°	72.7	21.2
30°-40°	59.4	17.3
40°-50°	44.4	13.0
50°-60°	31.2	9.1
60°-70°	19.6	5.7
70°-80°	9.5	2.8
80°-90°	1.8	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°	176.9	51.6
0°-40°	236.4	68.9
0°-60°	312.0	91.0
0°-90°	342.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	342.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	385	
5°	367	33
15°	254	71
25°	158	73
35°	94	59
45°	57	44
55°	34	31
65°	20	20
75°	9	9
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	385.4
2.5°	381.6
5°	367.0
7.5°	342.8
10°	312.9
12.5°	283.7
15°	254.4
17.5°	227.7
20°	202.9
22.5°	179.4
25°	157.7
27.5°	138.7
30°	121.5
32.5°	107.5
35°	94.1
37.5°	83.3
40°	73.1
42.5°	64.9
45°	57.2
47.5°	50.2
50°	44.5
52.5°	39.4
55°	34.3
57.5°	30.5
60°	26.7
62.5°	22.9
65°	19.7
67.5°	16.5
70°	14.0
72.5°	11.4
75°	8.9
77.5°	6.4
80°	4.5
82.5°	2.5
85°	1.3
87.5°	0.6
90°	0.0

(END OF REPORT)