

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: P1286802

Luminaire Tested: P3AS09R309030D2WDE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1286802
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: P3AS09R309030D2WDE010 E3PHLD1MW
Description: 3in Adjustable Dim to Warm LED luminaire with, R30 optic, 3000K CCT AND, 90CRI ,
E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

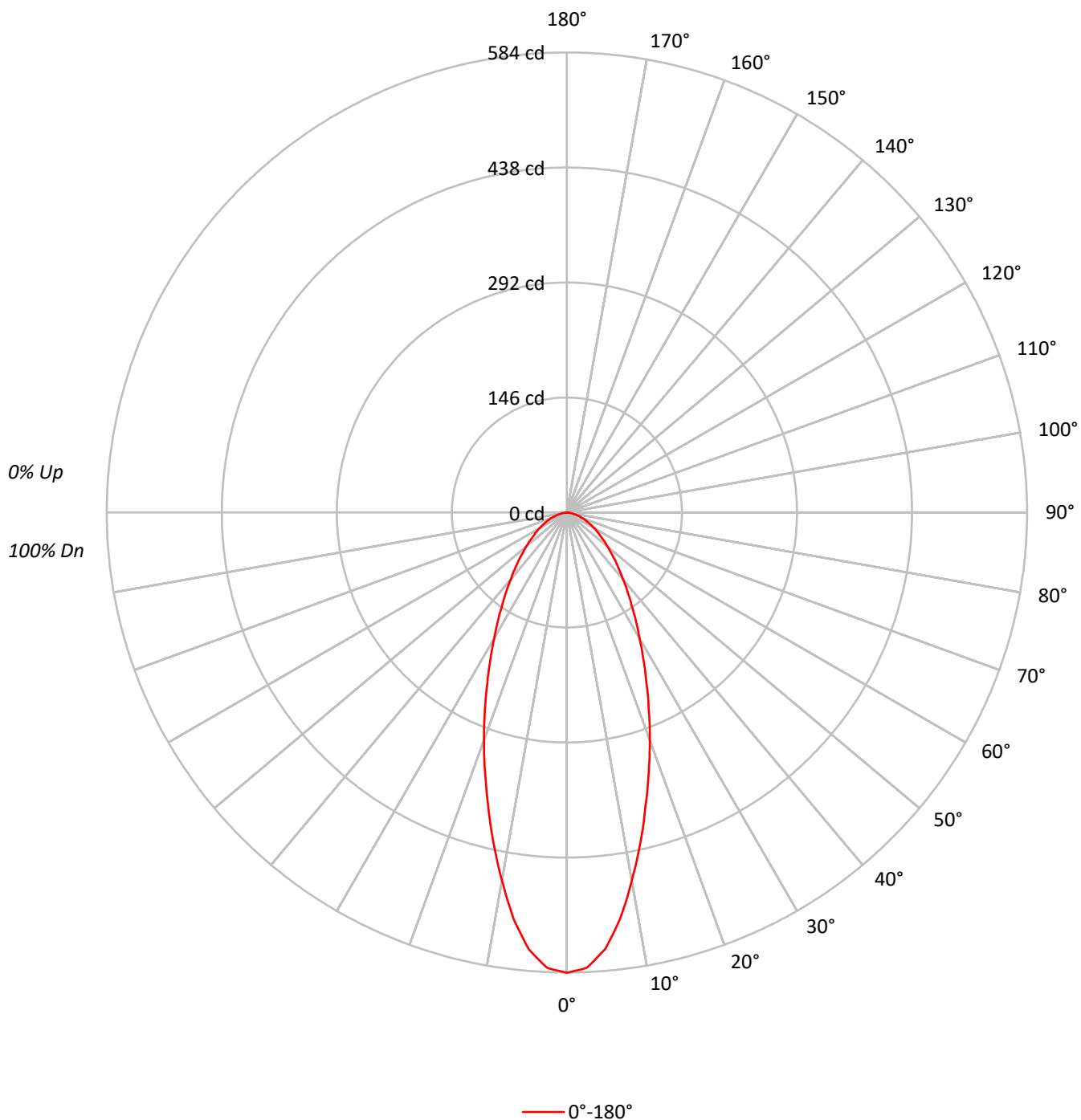
Lumens per Lamp: N/A
Luminaire Lumens: 520.0 lumens
Efficiency: N/A
Efficacy: 35.4 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.7
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

TEST NUMBER: P1286802

CATALOG NUMBER: P3AS09R309030D2WDE010 E3PHLD1MW

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	71	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°	128126
5°	122474
10°	105632
15°	87560
20°	71780
25°	57850
30°	46640
35°	38200
40°	31745
45°	26918
50°	23027
55°	19918
60°	17762
65°	15514
70°	13592
75°	11438
80°	8461
85°	4780

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 26918 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	50.4	9.7
10°-20°	107.6	20.7
20°-30°	110.2	21.2
30°-40°	90.1	17.3
40°-50°	67.4	13.0
50°-60°	47.4	9.1
60°-70°	29.8	5.7
70°-80°	14.3	2.8
80°-90°	2.8	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°	268.2	51.6
0°-40°	358.4	68.9
0°-60°	473.1	91.0
0°-90°	520.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	520.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	584	
5°	556	50
15°	386	108
25°	239	110
35°	143	90
45°	87	67
55°	52	47
65°	30	30
75°	14	14
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	584.3
2.5°	578.6
5°	556.4
7.5°	519.7
10°	474.4
12.5°	430.1
15°	385.7
17.5°	345.2
20°	307.6
22.5°	271.9
25°	239.1
27.5°	210.2
30°	184.2
32.5°	163.0
35°	142.7
37.5°	126.3
40°	110.9
42.5°	98.4
45°	86.8
47.5°	76.2
50°	67.5
52.5°	59.8
55°	52.1
57.5°	46.3
60°	40.5
62.5°	34.7
65°	29.9
67.5°	25.1
70°	21.2
72.5°	17.4
75°	13.5
77.5°	9.6
80°	6.7
82.5°	3.9
85°	1.9
87.5°	1.0
90°	0.0

(END OF REPORT)