

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: P1271967

Luminaire Tested: P3AS13R309827DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1271967
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: P3AS13R309827DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 2700K CCT AND, 98CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

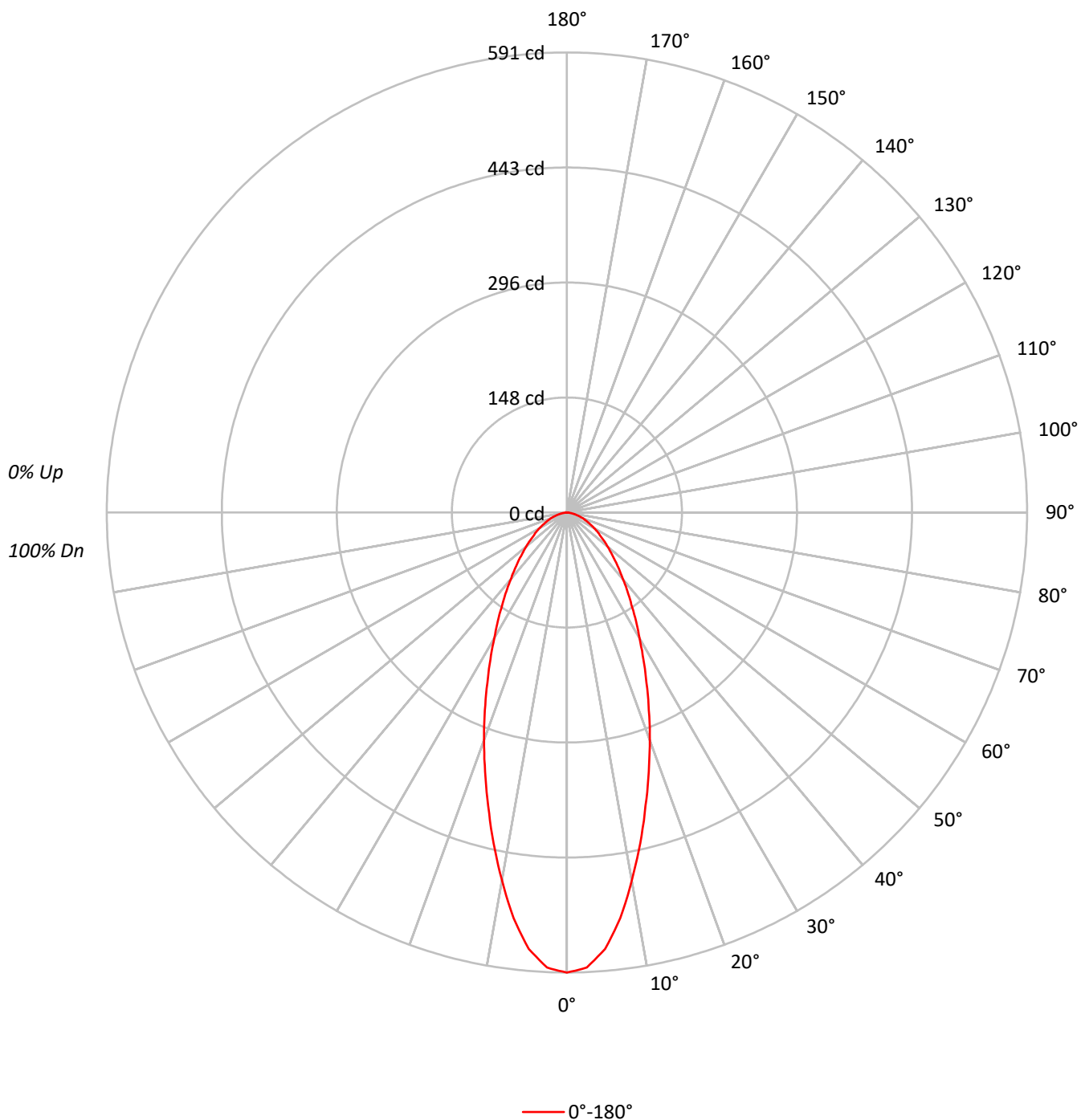
Lumens per Lamp: N/A
Luminaire Lumens: 526.1 lumens
Efficiency: N/A
Efficacy: 36.3 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.5
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	74		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°	129617
5°	123883
10°	106856
15°	88582
20°	72596
25°	58528
30°	47172
35°	38655
40°	32117
45°	27228
50°	23300
55°	20147
60°	17981
65°	15670
70°	13784
75°	11607
80°	8587
85°	5032

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 27228 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	51.0	9.7
10°-20°	108.8	20.7
20°-30°	111.5	21.2
30°-40°	91.2	17.3
40°-50°	68.2	13.0
50°-60°	47.9	9.1
60°-70°	30.1	5.7
70°-80°	14.6	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°	271.3	51.6
0°-40°	362.5	68.9
0°-60°	478.6	91.0
0°-90°	526.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	526.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	591	
5°	563	51
15°	390	109
25°	242	112
35°	144	91
45°	88	68
55°	53	48
65°	30	30
75°	14	15
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	591.1
2.5°	585.2
5°	562.8
7.5°	525.7
10°	479.9
12.5°	435.0
15°	390.2
17.5°	349.2
20°	311.1
22.5°	275.1
25°	241.9
27.5°	212.6
30°	186.3
32.5°	164.8
35°	144.4
37.5°	127.8
40°	112.2
42.5°	99.5
45°	87.8
47.5°	77.1
50°	68.3
52.5°	60.5
55°	52.7
57.5°	46.8
60°	41.0
62.5°	35.1
65°	30.2
67.5°	25.4
70°	21.5
72.5°	17.6
75°	13.7
77.5°	9.8
80°	6.8
82.5°	3.9
85°	2.0
87.5°	1.0
90°	0.0

(END OF REPORT)