

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: P1254686

Luminaire Tested: P3AS13R309035DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1254686
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: P3AS13R309035DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

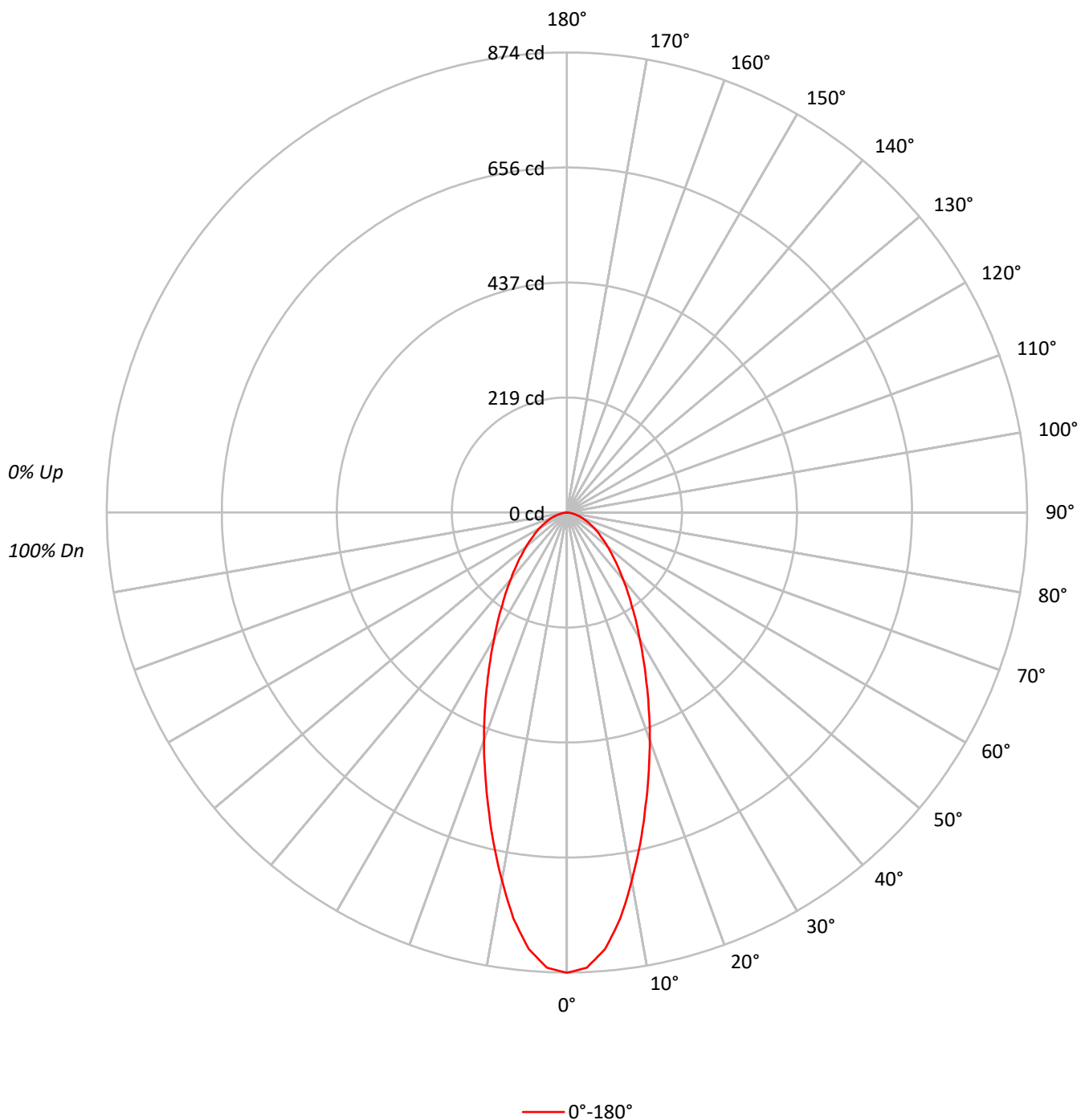
Lumens per Lamp: N/A
Luminaire Lumens: 778.0 lumens
Efficiency: N/A
Efficacy: 53.3 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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	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°	191717
5°	183226
10°	158047
15°	131011
20°	107389
25°	86570
30°	69783
35°	57152
40°	47489
45°	40252
50°	34455
55°	29781
60°	26577
65°	23193
70°	20324
75°	17114
80°	12754
85°	7296

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 40252 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	75.5	9.7
10°-20°	160.9	20.7
20°-30°	164.9	21.2
30°-40°	134.8	17.3
40°-50°	100.8	13.0
50°-60°	70.8	9.1
60°-70°	44.5	5.7
70°-80°	21.5	2.8
80°-90°	4.1	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°	401.3	51.6
0°-40°	536.2	68.9
0°-60°	707.8	91.0
0°-90°	778.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	778.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	874	
5°	832	75
15°	577	161
25°	358	165
35°	214	135
45°	130	101
55°	78	71
65°	45	45
75°	20	21
85°	3	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	874.3
2.5°	865.6
5°	832.4
7.5°	777.6
10°	709.8
12.5°	643.4
15°	577.1
17.5°	516.5
20°	460.2
22.5°	406.8
25°	357.8
27.5°	314.5
30°	275.6
32.5°	243.8
35°	213.5
37.5°	189.0
40°	165.9
42.5°	147.2
45°	129.8
47.5°	114.0
50°	101.0
52.5°	89.4
55°	77.9
57.5°	69.2
60°	60.6
62.5°	51.9
65°	44.7
67.5°	37.5
70°	31.7
72.5°	26.0
75°	20.2
77.5°	14.4
80°	10.1
82.5°	5.8
85°	2.9
87.5°	1.4
90°	0.0

(END OF REPORT)