

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: P1274037

Luminaire Tested: P3AS13R309830DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274037
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: P3AS13R309830DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 98CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

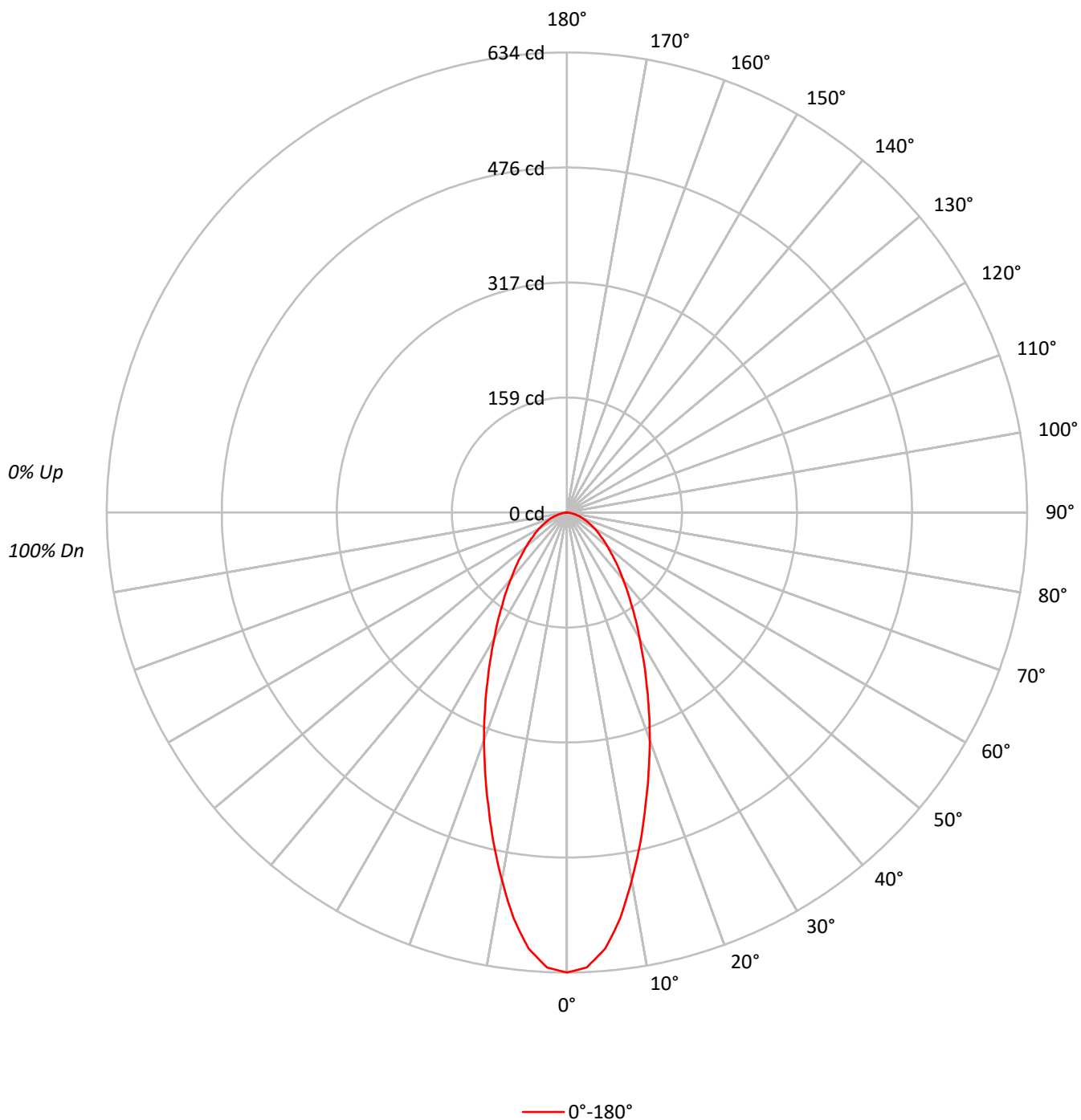
Lumens per Lamp: N/A
Luminaire Lumens: 564.0 lumens
Efficiency: N/A
Efficacy: 38.9 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	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°	138980
5°	132841
10°	114583
15°	94961
20°	77847
25°	62762
30°	50590
35°	41439
40°	34436
45°	29181
50°	24971
55°	21600
60°	19253
65°	16811
70°	14746
75°	12370
80°	9218
85°	5284

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 29181 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	54.7	9.7
10°-20°	116.7	20.7
20°-30°	119.6	21.2
30°-40°	97.7	17.3
40°-50°	73.1	13.0
50°-60°	51.3	9.1
60°-70°	32.3	5.7
70°-80°	15.6	2.8
80°-90°	3.0	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°	290.9	51.6
0°-40°	388.7	68.9
0°-60°	513.1	91.0
0°-90°	564.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	564.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	634	
5°	604	55
15°	418	117
25°	259	120
35°	155	98
45°	94	73
55°	56	51
65°	32	32
75°	15	16
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	633.8
2.5°	627.5
5°	603.5
7.5°	563.7
10°	514.6
12.5°	466.5
15°	418.3
17.5°	374.4
20°	333.6
22.5°	294.9
25°	259.4
27.5°	228.0
30°	199.8
32.5°	176.7
35°	154.8
37.5°	137.0
40°	120.3
42.5°	106.7
45°	94.1
47.5°	82.6
50°	73.2
52.5°	64.8
55°	56.5
57.5°	50.2
60°	43.9
62.5°	37.7
65°	32.4
67.5°	27.2
70°	23.0
72.5°	18.8
75°	14.6
77.5°	10.5
80°	7.3
82.5°	4.2
85°	2.1
87.5°	1.0
90°	0.0

(END OF REPORT)