

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: P1269837

Luminaire Tested: P3A13R309740DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1269837
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: P3A13R309740DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 4000K CCT AND, 97CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

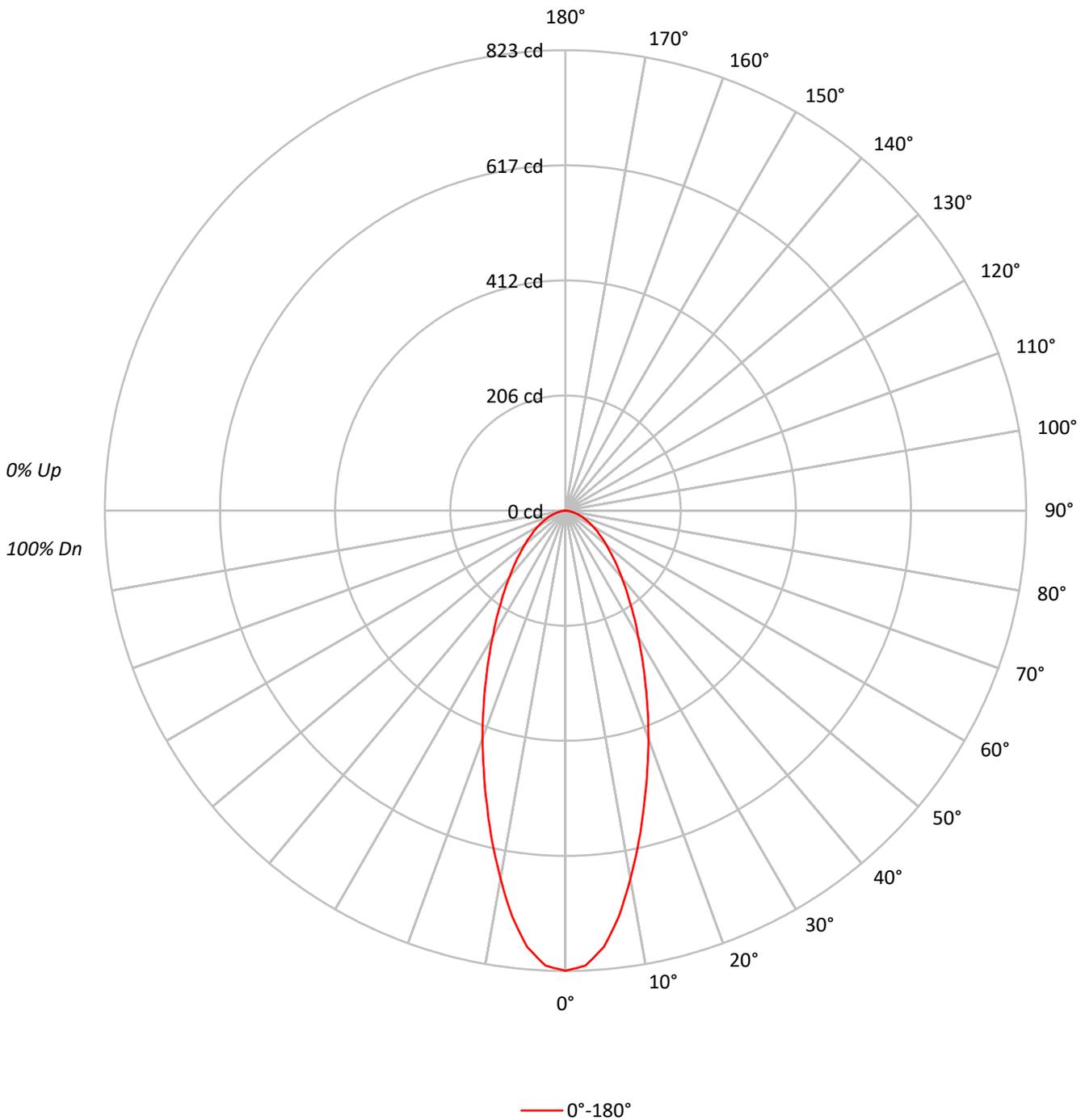
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 732.0 lumens
Efficiency: N/A
Efficacy: 50.1 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			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100			100
1	112	108	105	102	109	106	103	100	102	99	97	98	96	94	94	93	91	90			90
2	104	98	93	88	102	96	91	87	93	89	85	90	86	83	87	84	82	80			80
3	97	89	83	78	95	88	82	77	85	80	76	82	78	75	80	76	73	71			71
4	91	82	75	69	89	80	74	69	78	72	68	76	71	67	74	70	66	65			65
5	85	75	68	63	84	74	67	62	72	66	62	70	65	61	69	64	61	59			59
6	80	69	62	57	79	69	62	57	67	61	56	65	60	56	64	59	56	54			54
7	76	65	57	52	74	64	57	52	62	56	52	61	56	52	60	55	51	50			50
8	71	60	53	48	70	60	53	48	58	52	48	57	52	48	56	51	48	46			46
9	68	57	50	45	66	56	49	45	55	49	45	54	49	45	53	48	44	43			43
10	64	53	47	42	63	53	46	42	52	46	42	51	46	42	50	45	42	40			40

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	180380
5°	172397
10°	148695
15°	123270
20°	101042
25°	81440
30°	65656
35°	53779
40°	44684
45°	37895
50°	32408
55°	28023
60°	24998
65°	21844
70°	19170
75°	16097
80°	11996
85°	6793

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 37895 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	71.0	9.7
10°-20°	151.4	20.7
20°-30°	155.2	21.2
30°-40°	126.9	17.3
40°-50°	94.9	13.0
50°-60°	66.7	9.1
60°-70°	42.0	5.7
70°-80°	20.2	2.8
80°-90°	3.9	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°	377.6	51.6
0°-40°	504.5	68.9
0°-60°	666.0	91.0
0°-90°	732.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	732.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	823	
5°	783	71
15°	543	151
25°	337	155
35°	201	127
45°	122	95
55°	73	67
65°	42	42
75°	19	20
85°	3	4
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	822.6
2.5°	814.4
5°	783.2
7.5°	731.6
10°	667.8
12.5°	605.4
15°	543.0
17.5°	485.9
20°	433.0
22.5°	382.8
25°	336.6
27.5°	295.9
30°	259.3
32.5°	229.4
35°	200.9
37.5°	177.8
40°	156.1
42.5°	138.5
45°	122.2
47.5°	107.2
50°	95.0
52.5°	84.2
55°	73.3
57.5°	65.2
60°	57.0
62.5°	48.9
65°	42.1
67.5°	35.3
70°	29.9
72.5°	24.4
75°	19.0
77.5°	13.6
80°	9.5
82.5°	5.4
85°	2.7
87.5°	1.4
90°	0.0

(END OF REPORT)