

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: P1274038

Luminaire Tested: P3A13R309830DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1274038
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-8)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R309830DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 98CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

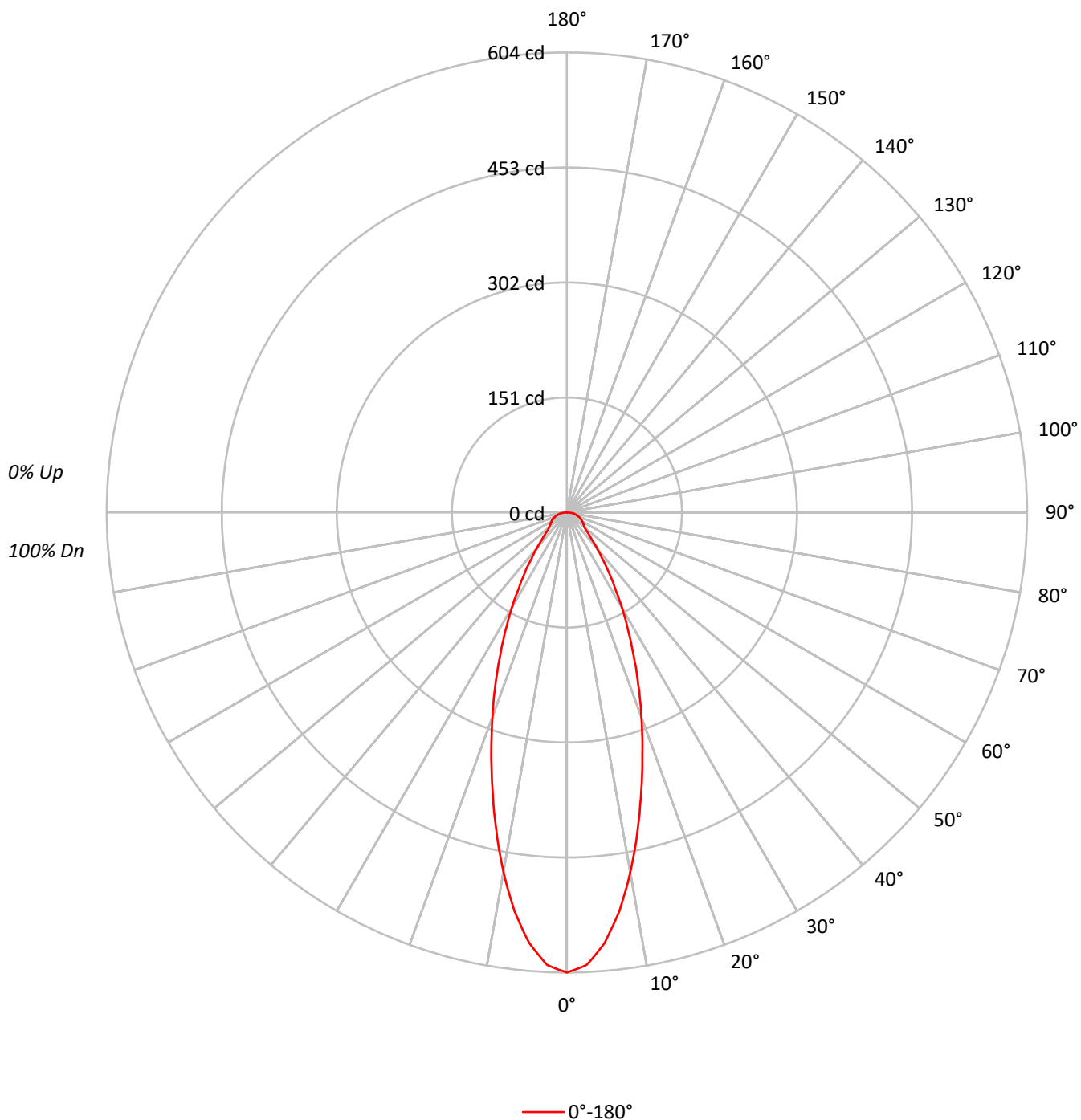
Lumens per Lamp: N/A
Luminaire Lumens: 408.0 lumens
Efficiency: N/A
Efficacy: 28.1 lumens/watt
Spacing Criteria (0/90/45): 0.6 / 0.6 / 0.67
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	101	102	100	97		98	96	94		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	96	89	84	80	87	82	78		84	80	77		82
4	93	84	78	73	91	83	77	72	81	76	71		79	74	71		77
5	88	78	72	67	86	77	71	66	75	70	66		74	69	65		72
6	83	73	67	62	82	72	66	62	71	65	61		69	64	61		68
7	79	69	62	57	78	68	62	57	67	61	57		66	60	57		64
8	75	65	58	54	74	64	58	54	63	57	53		62	57	53		61
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		58
10	68	58	52	48	67	58	52	48	57	51	48		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	132467
5°	124917
10°	106767
15°	85562
20°	66692
25°	50156
30°	36588
35°	25779
40°	17690
45°	12652
50°	10371
55°	10016
60°	10087
65°	10325
70°	10771
75°	11522
80°	11870
85°	13083

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 14112 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	51.3	12.6
10°-20°	104.7	25.7
20°-30°	95.4	23.4
30°-40°	60.7	14.9
40°-50°	32.5	8.0
50°-60°	23.8	5.8
60°-70°	20.0	4.9
70°-80°	14.0	3.4
80°-90°	5.6	1.4
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°	251.5	61.6
0°-40°	312.2	76.5
0°-60°	368.5	90.3
0°-90°	408.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	408.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	604	
5°	568	51
15°	377	105
25°	207	95
35°	96	61
45°	41	33
55°	26	24
65°	20	20
75°	14	14
85°	5	6
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	604.1
2.5°	594.7
5°	567.5
7.5°	527.7
10°	479.5
12.5°	428.2
15°	376.9
17.5°	329.8
20°	285.8
22.5°	245.0
25°	207.3
27.5°	173.8
30°	144.5
32.5°	117.3
35°	96.3
37.5°	76.4
40°	61.8
42.5°	49.2
45°	40.8
47.5°	33.5
50°	30.4
52.5°	28.3
55°	26.2
57.5°	25.1
60°	23.0
62.5°	22.0
65°	19.9
67.5°	18.8
70°	16.8
72.5°	14.7
75°	13.6
77.5°	11.5
80°	9.4
82.5°	8.4
85°	5.2
87.5°	2.1
90°	0.0

(END OF REPORT)