

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: P1273948

Luminaire Tested: P3A13R159830DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1273948
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-5)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R159830DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 3000K CCT AND, 98CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

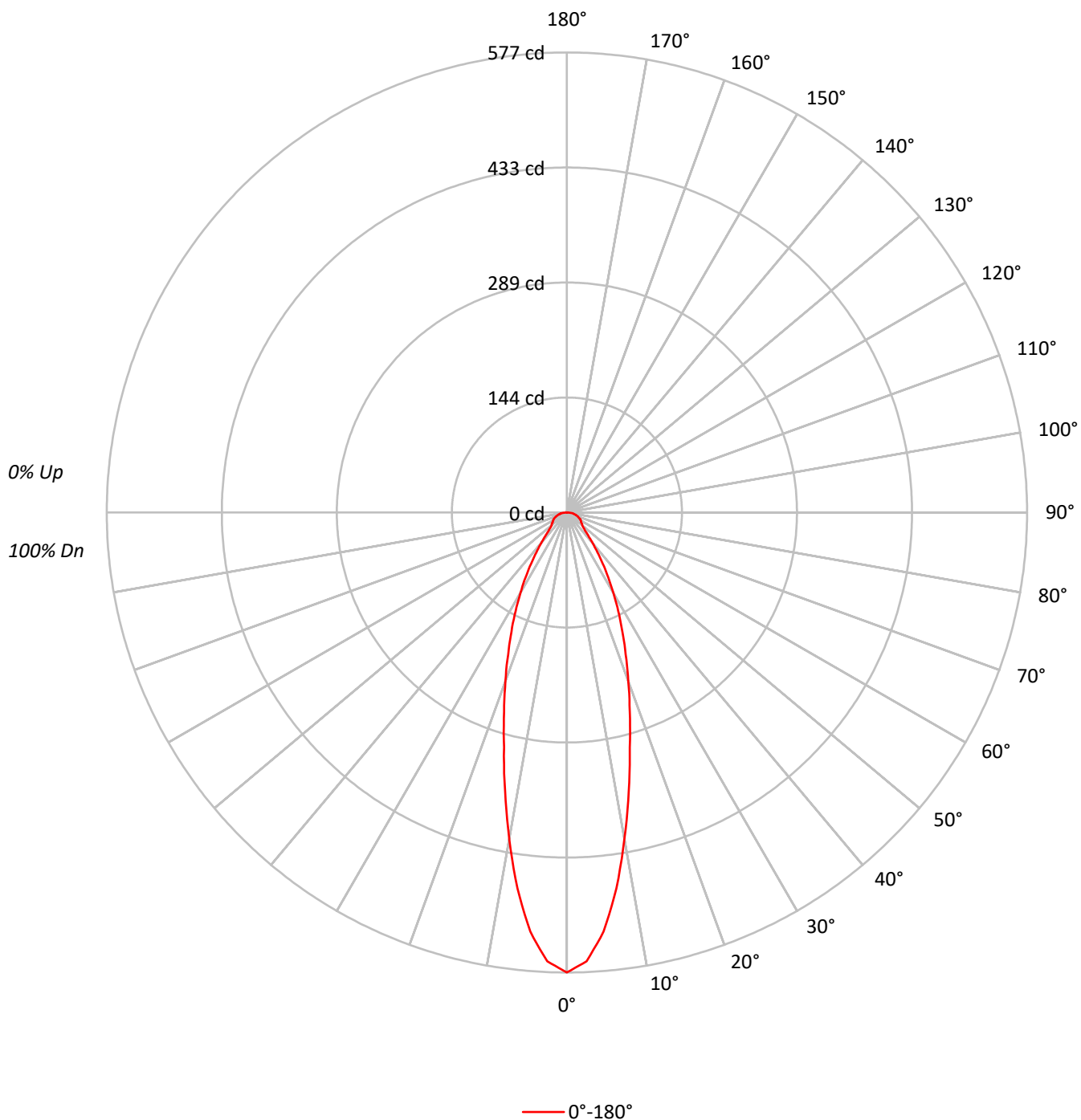
Lumens per Lamp: N/A
Luminaire Lumens: 338.0 lumens
Efficiency: N/A
Efficacy: 23.3 lumens/watt
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.6
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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		95
2	105	99	94	90	102	97	92	89	94	90	87		91	87	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	67	76	70	66		74	69	65		72
6	83	73	67	62	82	73	66	62	71	65	61		70	65	61		68
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	59	54	74	65	58	54	63	58	54		62	57	54		61
9	72	62	55	51	71	61	55	51	60	55	51		59	54	51		58
10	69	59	52	48	68	58	52	48	57	52	48		56	51	48		56

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	126503
5°	116156
10°	92561
15°	69172
20°	52528
25°	39776
30°	29422
35°	21014
40°	14398
45°	10079
50°	8563
55°	8411
60°	8727
65°	9236
70°	9425
75°	9743
80°	10607
85°	10567

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 12264 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	46.7	13.8
10°-20°	85.5	25.3
20°-30°	75.7	22.4
30°-40°	49.6	14.7
40°-50°	26.5	7.8
50°-60°	20.0	5.9
60°-70°	17.2	5.1
70°-80°	11.9	3.5
80°-90°	4.8	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°	207.9	61.5
0°-40°	257.5	76.2
0°-60°	304.0	90.0
0°-90°	338.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	338.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	577	
5°	528	47
15°	305	85
25°	164	76
35°	78	50
45°	32	27
55°	22	20
65°	18	17
75°	12	12
85°	4	5
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	576.9
2.5°	563.3
5°	527.7
7.5°	475.4
10°	415.7
12.5°	358.1
15°	304.7
17.5°	261.8
20°	225.1
22.5°	192.7
25°	164.4
27.5°	139.3
30°	116.2
32.5°	96.3
35°	78.5
37.5°	62.8
40°	50.3
42.5°	39.8
45°	32.5
47.5°	28.3
50°	25.1
52.5°	24.1
55°	22.0
57.5°	20.9
60°	19.9
62.5°	18.8
65°	17.8
67.5°	15.7
70°	14.7
72.5°	12.6
75°	11.5
77.5°	9.4
80°	8.4
82.5°	7.3
85°	4.2
87.5°	2.1
90°	0.0

(END OF REPORT)