

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: P1263790

Luminaire Tested: P3A02R159730DE010 E3PHLP1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1263790
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: P3A02R159730DE010 E3PHLP1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 3000K CCT AND, 97CRI , E3PHLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

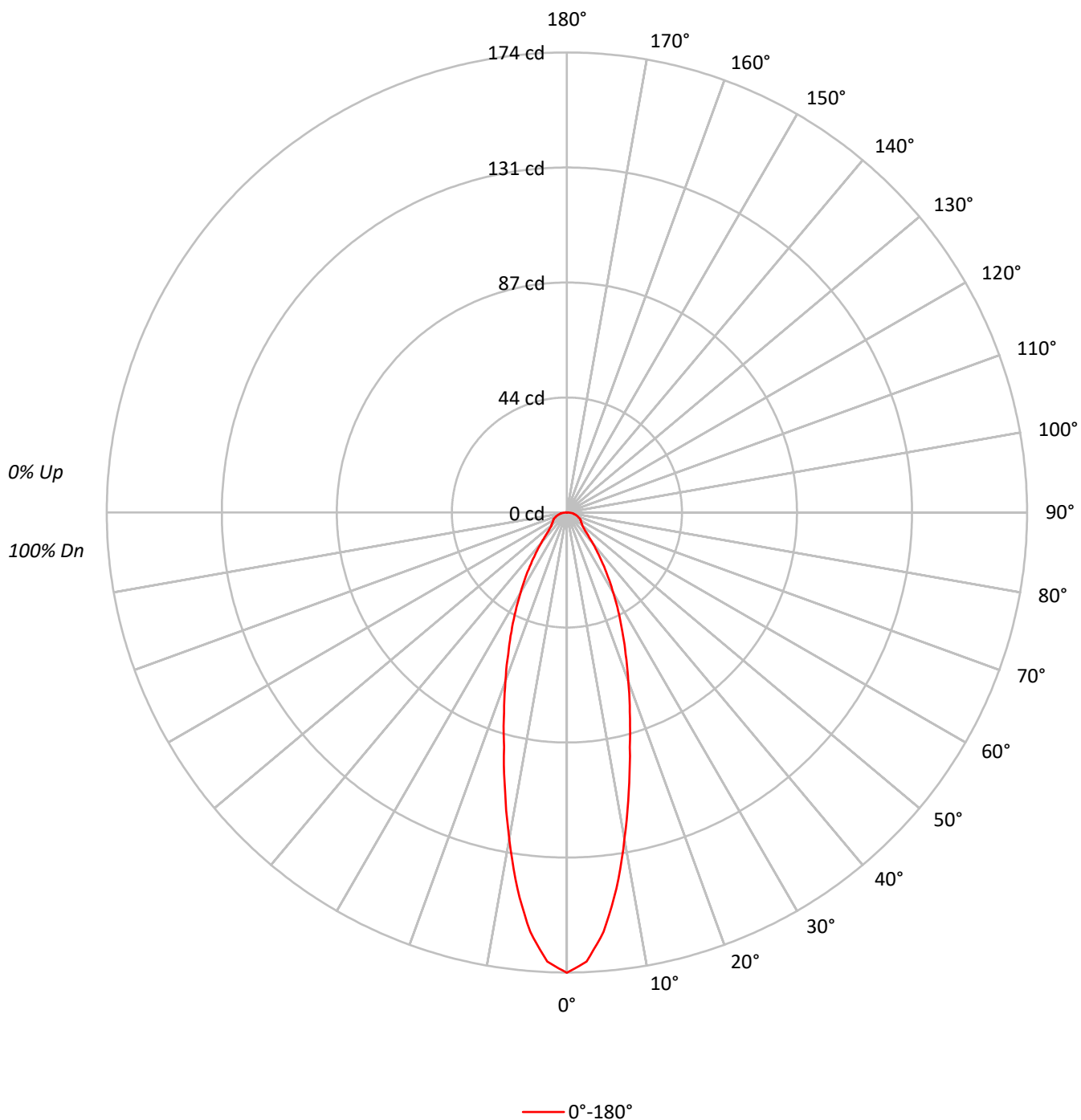
Lumens per Lamp: N/A
Luminaire Lumens: 102.0 lumens
Efficiency: N/A
Efficacy: 28.3 lumens/watt
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.6
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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	30	10
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	112	108	105	102		109	106	103	100		102	99	97		98	96	94		95	93	92
2	105	99	94	90		102	97	92	89		94	90	87		91	87	85		88	85	83
3	99	91	85	80		96	89	84	80		87	82	78		84	80	77		82	79	76
4	93	84	78	73		91	83	77	72		81	76	72		79	74	71		77	73	70
5	88	78	72	67		86	77	71	67		76	70	66		74	69	65		72	68	65
6	83	73	67	62		82	73	66	62		71	65	61		70	65	61		68	64	60
7	79	69	62	58		78	68	62	58		67	61	57		66	61	57		65	60	57
8	75	65	59	54		74	65	58	54		63	58	54		62	57	54		61	57	53
9	72	62	55	51		71	61	55	51		60	55	51		59	54	51		58	54	50
10	69	59	52	48		68	58	52	48		57	52	48		56	51	48		56	51	48

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	38177
5°	35043
10°	27922
15°	20863
20°	15845
25°	12001
30°	8887
35°	6344
40°	4351
45°	3039
50°	2593
55°	2523
60°	2631
65°	2802
70°	2821
75°	2965
80°	3157
85°	3271

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 3696 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	14.1	13.8
10°-20°	25.8	25.3
20°-30°	22.8	22.4
30°-40°	15.0	14.7
40°-50°	8.0	7.8
50°-60°	6.0	5.9
60°-70°	5.2	5.1
70°-80°	3.6	3.5
80°-90°	1.5	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°	62.7	61.5
0°-40°	77.7	76.2
0°-60°	91.7	90.0
0°-90°	102.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	102.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	174	
5°	159	14
15°	92	26
25°	50	23
35°	24	15
45°	10	8
55°	7	6
65°	5	5
75°	4	4
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	174.1
2.5°	170.0
5°	159.2
7.5°	143.5
10°	125.4
12.5°	108.1
15°	91.9
17.5°	79.0
20°	67.9
22.5°	58.1
25°	49.6
27.5°	42.0
30°	35.1
32.5°	29.1
35°	23.7
37.5°	19.0
40°	15.2
42.5°	12.0
45°	9.8
47.5°	8.5
50°	7.6
52.5°	7.3
55°	6.6
57.5°	6.3
60°	6.0
62.5°	5.7
65°	5.4
67.5°	4.7
70°	4.4
72.5°	3.8
75°	3.5
77.5°	2.8
80°	2.5
82.5°	2.2
85°	1.3
87.5°	0.6
90°	0.0

(END OF REPORT)