

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: P1273002

Luminaire Tested: P3A02R309830DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1273002
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: P3A02R309830DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 98CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

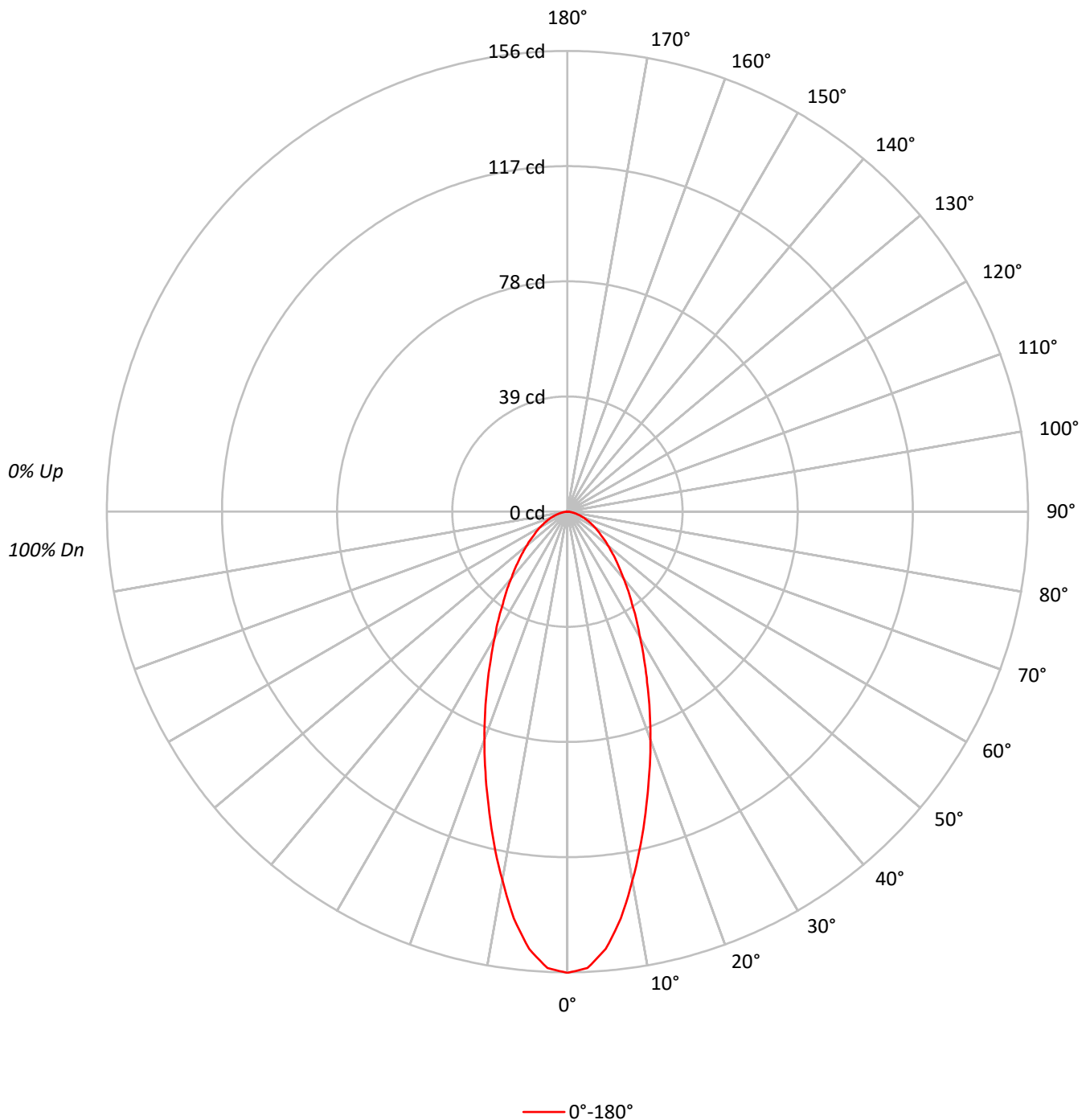
Lumens per Lamp: N/A
Luminaire Lumens: 139.0 lumens
Efficiency: N/A
Efficacy: 38.6 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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
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°	34252
5°	32732
10°	28234
15°	23405
20°	19182
25°	15461
30°	12458
35°	10199
40°	8473
45°	7195
50°	6141
55°	5314
60°	4736
65°	4151
70°	3654
75°	3050
80°	2273
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 7195 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	13.5	9.7
10°-20°	28.8	20.7
20°-30°	29.5	21.2
30°-40°	24.1	17.3
40°-50°	18.0	13.0
50°-60°	12.7	9.1
60°-70°	8.0	5.7
70°-80°	3.8	2.8
80°-90°	0.7	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°	71.7	51.6
0°-40°	95.8	68.9
0°-60°	126.5	91.0
0°-90°	139.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	139.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	156	
5°	149	13
15°	103	29
25°	64	29
35°	38	24
45°	23	18
55°	14	13
65°	8	8
75°	4	4
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	156.2
2.5°	154.7
5°	148.7
7.5°	138.9
10°	126.8
12.5°	115.0
15°	103.1
17.5°	92.3
20°	82.2
22.5°	72.7
25°	63.9
27.5°	56.2
30°	49.2
32.5°	43.6
35°	38.1
37.5°	33.8
40°	29.6
42.5°	26.3
45°	23.2
47.5°	20.4
50°	18.0
52.5°	16.0
55°	13.9
57.5°	12.4
60°	10.8
62.5°	9.3
65°	8.0
67.5°	6.7
70°	5.7
72.5°	4.6
75°	3.6
77.5°	2.6
80°	1.8
82.5°	1.0
85°	0.5
87.5°	0.3
90°	0.0

(END OF REPORT)