

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: P1264290

Luminaire Tested: P3A05R309730DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1264290
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: P3A05R309730DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 3000K CCT AND, 97CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

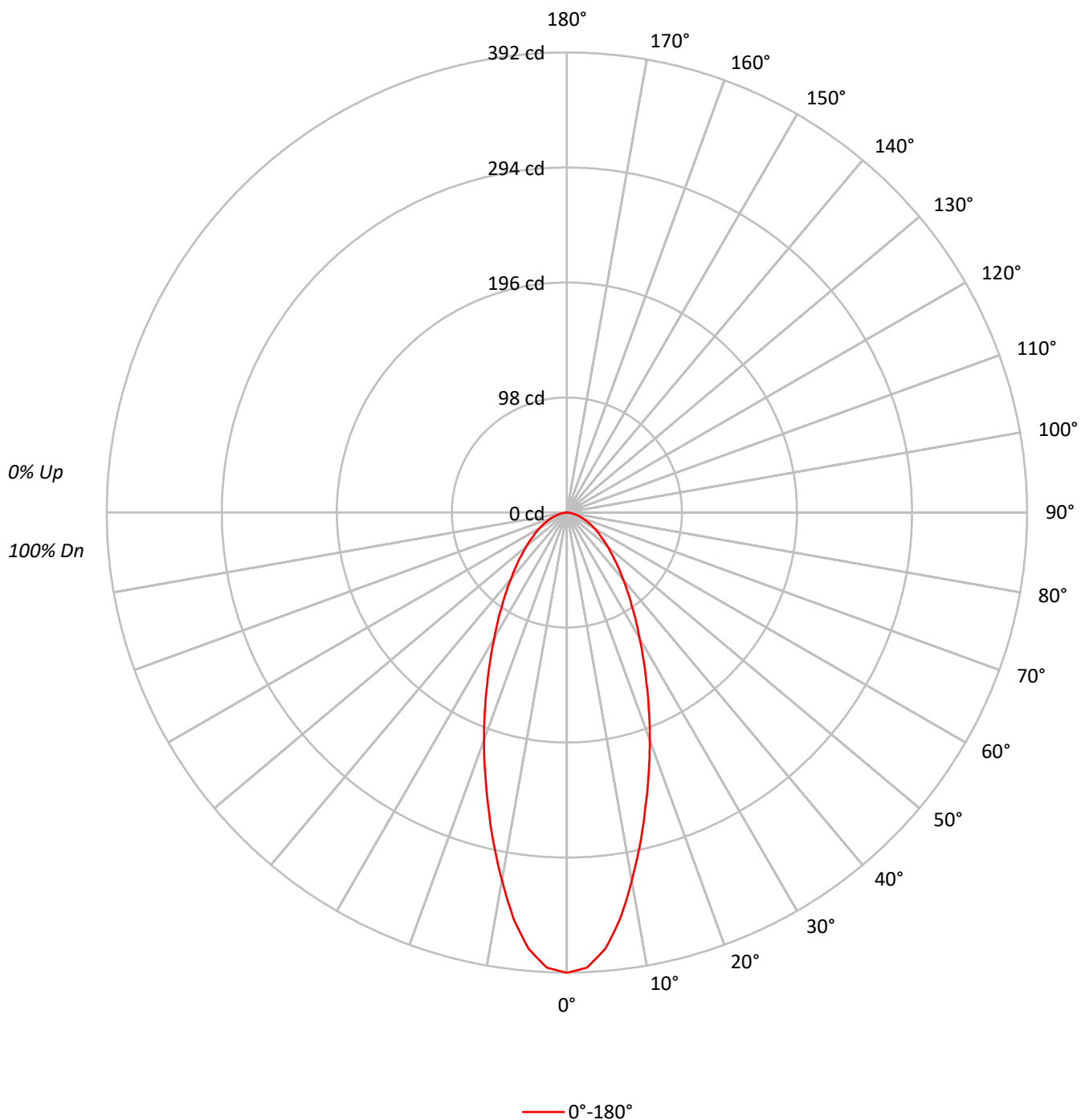
Lumens per Lamp: N/A
Luminaire Lumens: 349.0 lumens
Efficiency: N/A
Efficacy: 48.5 lumens/watt
Spacing Criteria (0/90/45): 0.65 / 0.65 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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	72	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°	86002
5°	82192
10°	70896
15°	58774
20°	48164
25°	38833
30°	31296
35°	25645
40°	21297
45°	18048
50°	15454
55°	13342
60°	11929
65°	10429
70°	9104
75°	7710
80°	5683
85°	3271

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 18048 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	33.9	9.7
10°-20°	72.2	20.7
20°-30°	74.0	21.2
30°-40°	60.5	17.3
40°-50°	45.2	13.0
50°-60°	31.8	9.1
60°-70°	20.0	5.7
70°-80°	9.6	2.8
80°-90°	1.8	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°	180.0	51.6
0°-40°	240.5	68.9
0°-60°	317.5	91.0
0°-90°	349.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	349.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	392	
5°	373	34
15°	259	72
25°	160	74
35°	96	60
45°	58	45
55°	35	32
65°	20	20
75°	9	10
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	392.2
2.5°	388.3
5°	373.4
7.5°	348.8
10°	318.4
12.5°	288.6
15°	258.9
17.5°	231.7
20°	206.4
22.5°	182.5
25°	160.5
27.5°	141.1
30°	123.6
32.5°	109.4
35°	95.8
37.5°	84.8
40°	74.4
42.5°	66.0
45°	58.2
47.5°	51.1
50°	45.3
52.5°	40.1
55°	34.9
57.5°	31.1
60°	27.2
62.5°	23.3
65°	20.1
67.5°	16.8
70°	14.2
72.5°	11.6
75°	9.1
77.5°	6.5
80°	4.5
82.5°	2.6
85°	1.3
87.5°	0.6
90°	0.0

(END OF REPORT)