

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: P1264168

Luminaire Tested: P3A05R129730DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1264168
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R129730DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R12 optic, 3000K CCT AND, 97CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

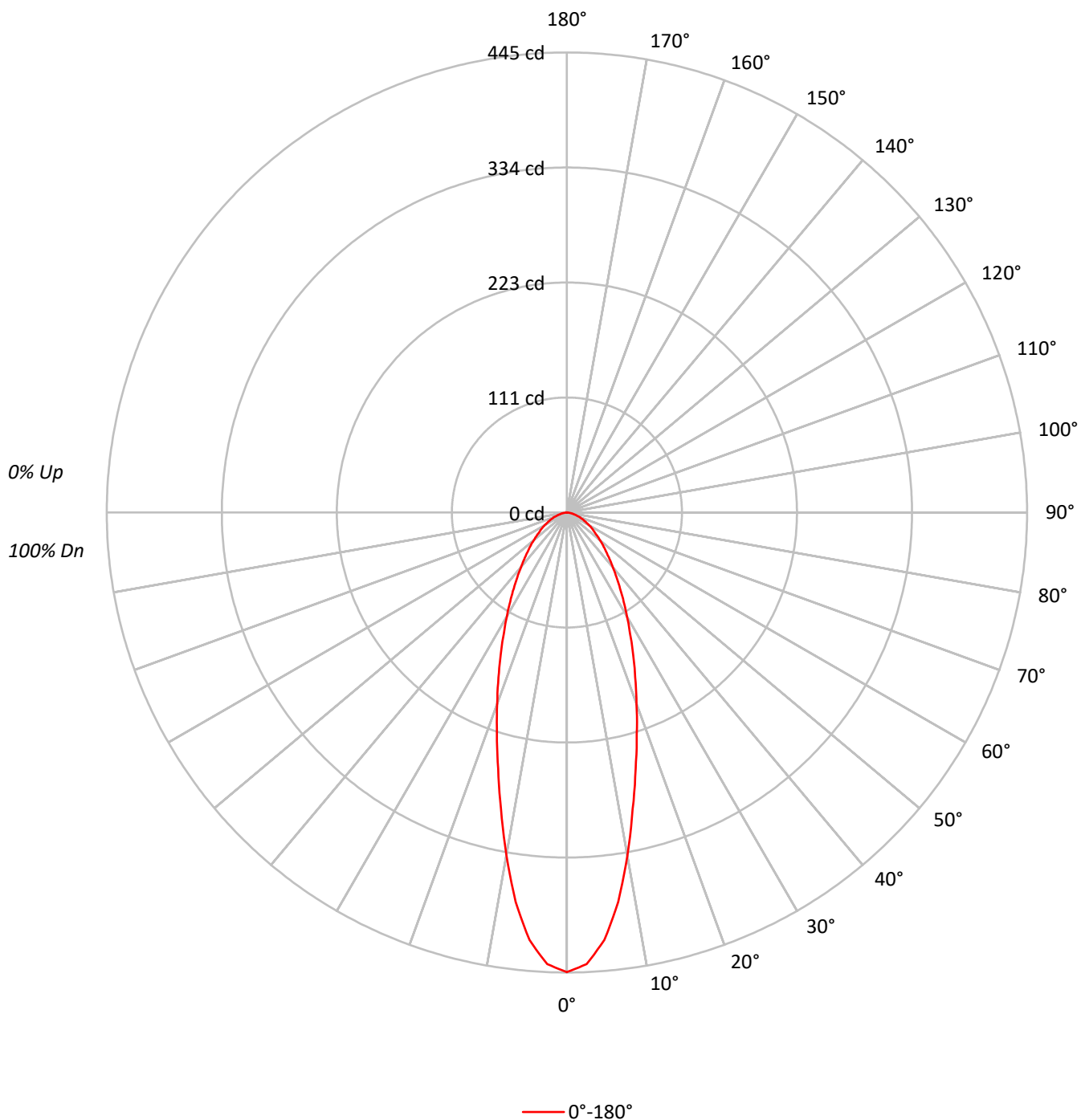
Lumens per Lamp: N/A
Luminaire Lumens: 335.0 lumens
Efficiency: N/A
Efficacy: 44.1 lumens/watt
Spacing Criteria (0/90/45): 0.56 / 0.56 / 0.67
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.6
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	101	102	100	97		98	96	95		95
2	104	98	93	89	102	97	92	88	93	89	86		90	87	84		87
3	98	90	84	79	96	88	83	78	85	81	77		83	79	75		81
4	92	82	76	70	90	81	75	70	79	73	69		77	72	68		75
5	86	76	69	64	84	75	68	63	73	67	63		71	66	62		70
6	81	71	63	58	79	70	63	58	68	62	58		67	61	57		65
7	77	66	59	54	75	65	58	54	64	58	53		62	57	53		61
8	72	61	55	50	71	61	54	50	60	54	49		59	53	49		58
9	69	58	51	47	68	57	51	46	56	50	46		55	50	46		54
10	65	54	48	44	64	54	48	44	53	47	43		52	47	43		52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	97492
5°	91393
10°	74949
15°	58230
20°	45947
25°	36631
30°	29397
35°	23985
40°	19780
45°	16622
50°	14294
55°	12348
60°	10964
65°	9547
70°	8463
75°	6863
80°	5556
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 16622 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	37.1	11.1
10°-20°	71.8	21.4
20°-30°	69.8	20.8
30°-40°	56.4	16.8
40°-50°	41.9	12.5
50°-60°	29.3	8.7
60°-70°	18.3	5.5
70°-80°	8.7	2.6
80°-90°	1.6	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°	178.7	53.4
0°-40°	235.2	70.2
0°-60°	306.3	91.4
0°-90°	335.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	335.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	445	
5°	415	37
15°	256	72
25°	151	70
35°	90	56
45°	54	42
55°	32	29
65°	18	18
75°	8	9
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	444.6
2.5°	437.2
5°	415.2
7.5°	379.9
10°	336.6
12.5°	293.9
15°	256.5
17.5°	224.9
20°	196.9
22.5°	172.7
25°	151.4
27.5°	132.3
30°	116.1
32.5°	102.1
35°	89.6
37.5°	78.6
40°	69.1
42.5°	61.0
45°	53.6
47.5°	47.8
50°	41.9
52.5°	36.7
55°	32.3
57.5°	28.7
60°	25.0
62.5°	21.3
65°	18.4
67.5°	15.4
70°	13.2
72.5°	10.3
75°	8.1
77.5°	5.9
80°	4.4
82.5°	2.2
85°	1.5
87.5°	0.0
90°	0.0

(END OF REPORT)