

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: P1273283

Luminaire Tested: P3A05R209830DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1273283
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R209830DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 3000K CCT AND, 98CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

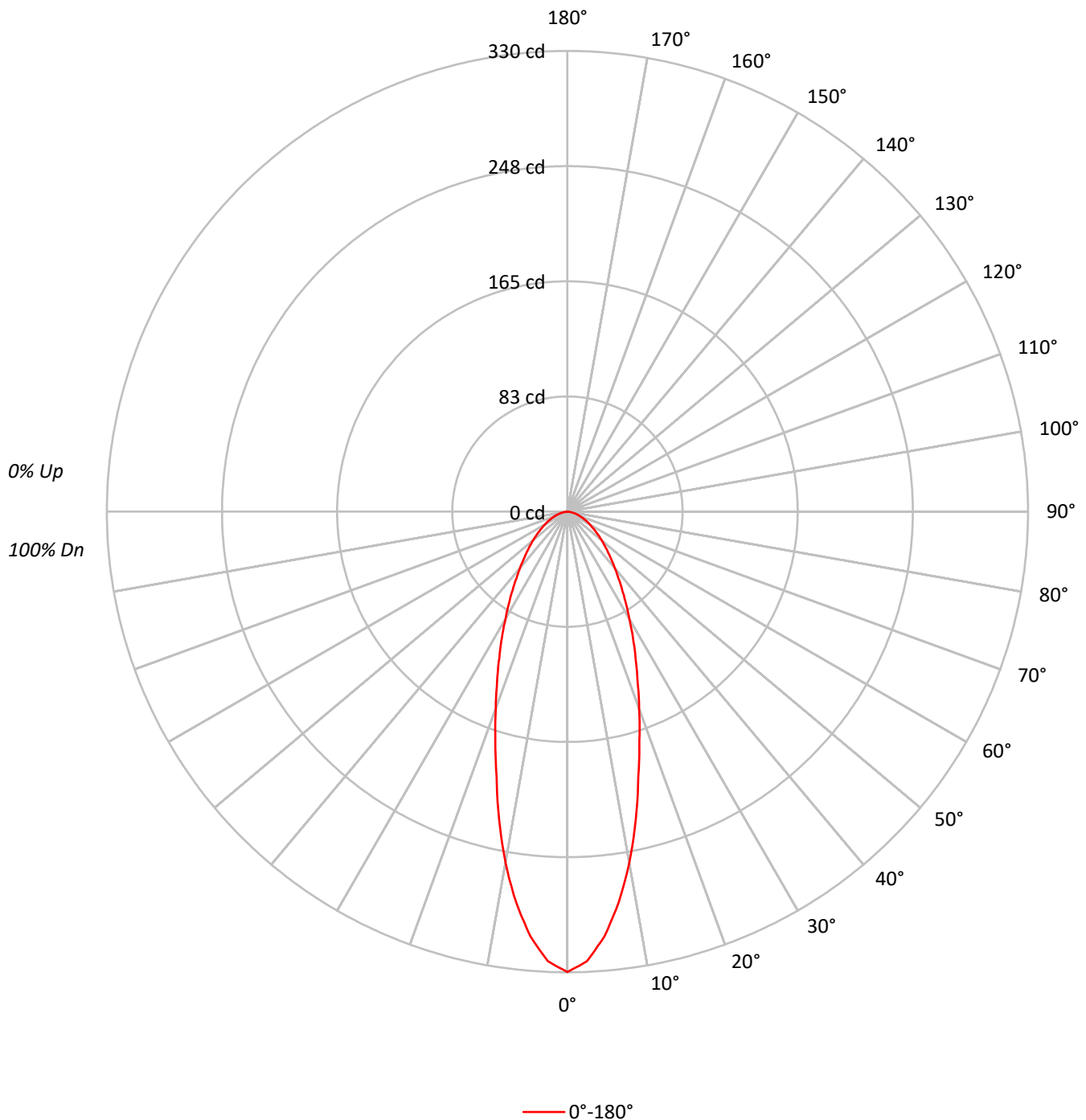
Lumens per Lamp: N/A
Luminaire Lumens: 255.0 lumens
Efficiency: N/A
Efficacy: 35.4 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	101	102	100	97		98	96	95		95
2	104	98	93	89	102	96	92	88	93	89	86		90	87	84		87
3	98	90	83	78	95	88	82	78	85	81	77		83	79	75		80
4	92	82	75	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	70	63	58	79	70	63	58	68	62	58		66	61	57		65
7	76	66	59	54	75	65	58	53	63	58	53		62	57	53		61
8	72	61	54	50	71	61	54	50	60	54	49		58	53	49		57
9	69	58	51	46	67	57	51	46	56	50	46		55	50	46		54
10	65	54	48	43	64	54	48	43	53	47	43		52	47	43		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	72319
5°	67180
10°	56891
15°	44541
20°	35050
25°	27945
30°	22459
35°	18310
40°	15143
45°	12777
50°	10951
55°	9405
60°	8201
65°	7212
70°	6155
75°	5422
80°	4041
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 12777 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	27.6	10.8
10°-20°	54.9	21.5
20°-30°	53.3	20.9
30°-40°	43.1	16.9
40°-50°	32.0	12.6
50°-60°	22.2	8.7
60°-70°	13.9	5.5
70°-80°	6.7	2.6
80°-90°	1.2	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°	135.8	53.3
0°-40°	178.9	70.1
0°-60°	233.2	91.4
0°-90°	255.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	255.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	330	
5°	305	28
15°	196	55
25°	116	53
35°	68	43
45°	41	32
55°	25	22
65°	14	14
75°	6	7
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	329.8
2.5°	322.3
5°	305.2
7.5°	282.2
10°	255.5
12.5°	226.1
15°	196.2
17.5°	171.6
20°	150.2
22.5°	131.5
25°	115.5
27.5°	101.6
30°	88.7
32.5°	78.0
35°	68.4
37.5°	59.9
40°	52.9
42.5°	46.5
45°	41.2
47.5°	36.3
50°	32.1
52.5°	28.3
55°	24.6
57.5°	21.4
60°	18.7
62.5°	16.6
65°	13.9
67.5°	11.8
70°	9.6
72.5°	8.0
75°	6.4
77.5°	4.8
80°	3.2
82.5°	1.6
85°	1.1
87.5°	0.0
90°	0.0

(END OF REPORT)