

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: P1273315

Luminaire Tested: P3A05R259830DE010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1273315
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R259830DE010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 98CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

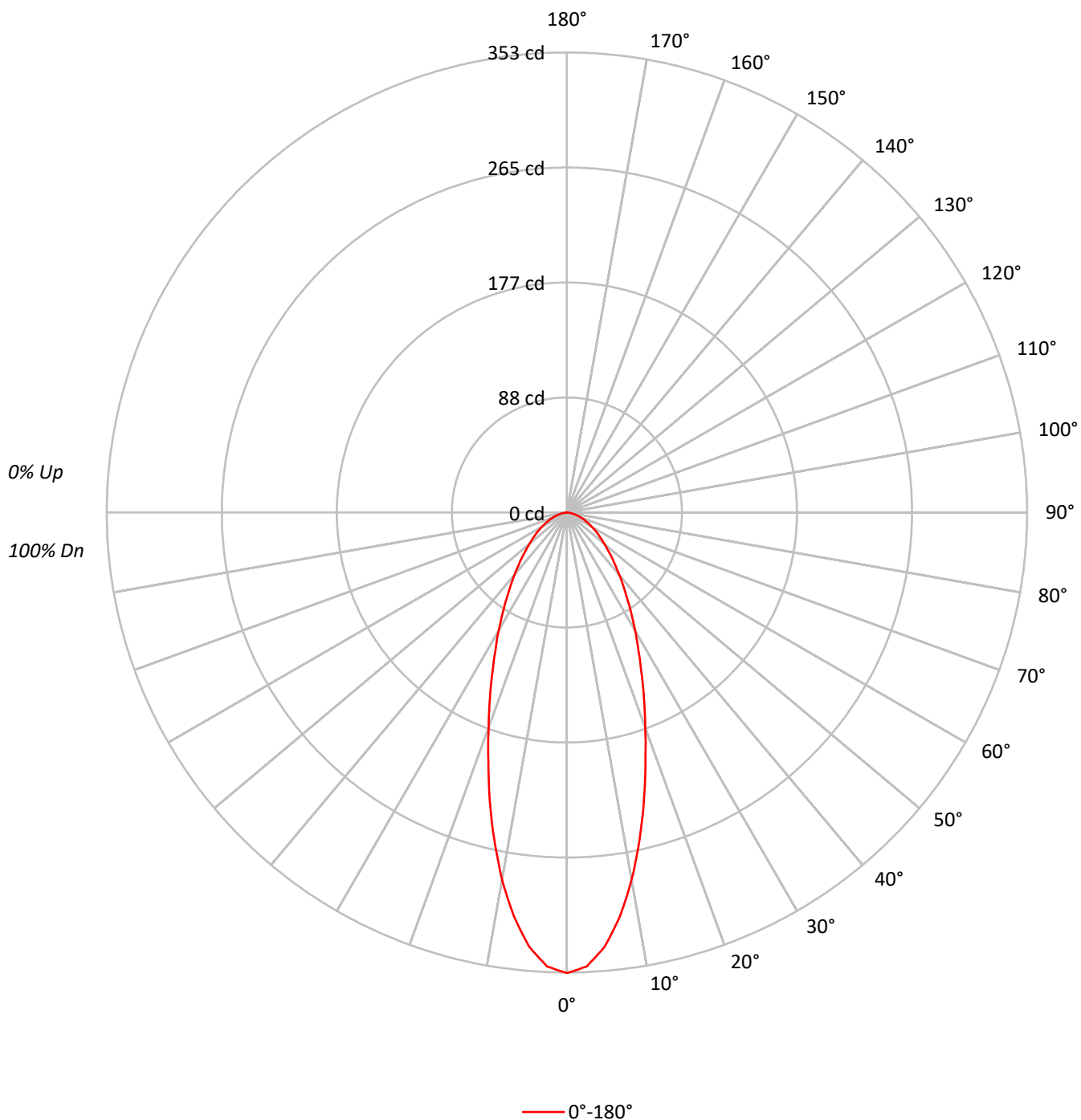
Lumens per Lamp: N/A
Luminaire Lumens: 297.0 lumens
Efficiency: N/A
Efficacy: 41.2 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.71
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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		95
2	104	98	93	89	102	96	92	88	93	89	86		90	87	84		87
3	98	89	83	78	95	88	82	78	85	80	76		83	78	75		80
4	91	82	75	70	89	81	74	69	78	73	69		76	72	68		74
5	86	76	68	63	84	75	68	63	73	67	62		71	66	62		69
6	81	70	63	58	79	69	62	57	68	62	57		66	61	57		65
7	76	65	58	53	75	64	58	53	63	57	53		62	56	52		61
8	72	61	54	49	71	60	54	49	59	53	49		58	53	49		57
9	68	57	50	46	67	57	50	46	56	50	46		55	49	45		54
10	65	54	47	43	64	53	47	43	52	47	43		52	46	43		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	77494
5°	73564
10°	63704
15°	51873
20°	40977
25°	32687
30°	26485
35°	21576
40°	17891
45°	15071
50°	12759
55°	11240
60°	9824
65°	8561
70°	7501
75°	6354
80°	4672
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 15071 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	30.3	10.2
10°-20°	63.4	21.3
20°-30°	62.4	21.0
30°-40°	50.8	17.1
40°-50°	37.7	12.7
50°-60°	26.3	8.9
60°-70°	16.5	5.5
70°-80°	7.9	2.7
80°-90°	1.5	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°	156.1	52.6
0°-40°	207.0	69.7
0°-60°	271.1	91.3
0°-90°	297.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	297.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	353	
5°	334	30
15°	228	63
25°	135	62
35°	81	51
45°	49	38
55°	29	26
65°	16	16
75°	8	8
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	353.4
2.5°	348.6
5°	334.2
7.5°	312.3
10°	286.1
12.5°	257.3
15°	228.5
17.5°	200.2
20°	175.6
22.5°	154.3
25°	135.1
27.5°	118.5
30°	104.6
32.5°	91.8
35°	80.6
37.5°	71.0
40°	62.5
42.5°	55.0
45°	48.6
47.5°	42.7
50°	37.4
52.5°	33.1
55°	29.4
57.5°	25.6
60°	22.4
62.5°	19.2
65°	16.5
67.5°	13.9
70°	11.7
72.5°	9.6
75°	7.5
77.5°	5.3
80°	3.7
82.5°	2.1
85°	1.1
87.5°	0.5
90°	0.0

(END OF REPORT)