

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: P1255662

Luminaire Tested: P3A24R159035D010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255662
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: P3A24R159035D010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 3500K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

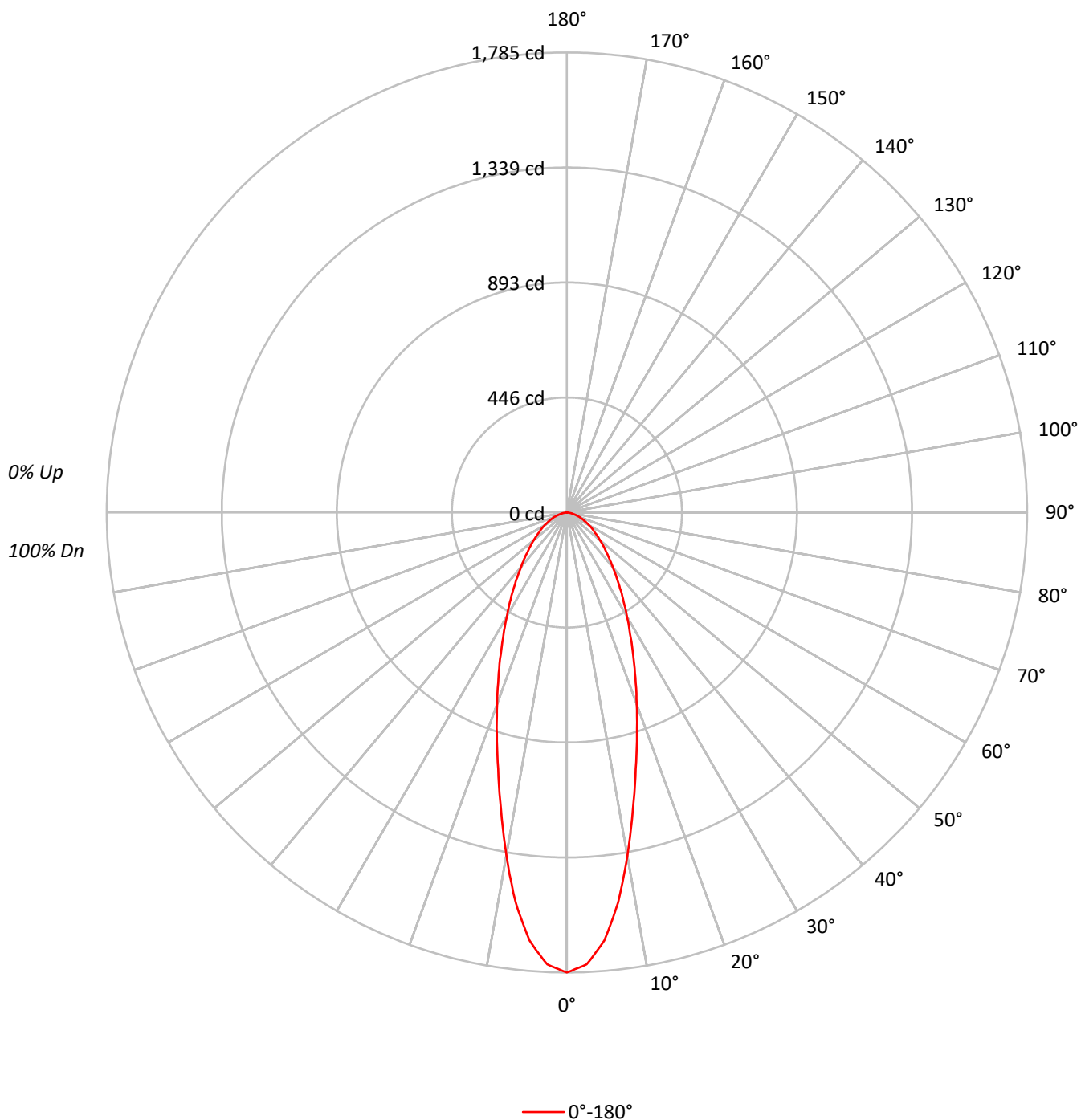
Lumens per Lamp: N/A
Luminaire Lumens: 1345.1 lumens
Efficiency: N/A
Efficacy: 46.7 lumens/watt
Spacing Criteria (0/90/45): 0.56 / 0.56 / 0.66
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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	70	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	46	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°	391394
5°	366915
10°	300863
15°	233758
20°	184513
25°	147057
30°	118018
35°	96342
40°	79377
45°	66798
50°	57380
55°	49623
60°	43988
65°	38292
70°	34044
75°	27535
80°	22351
85°	14844

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 66798 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	148.9	11.1
10°-20°	288.4	21.4
20°-30°	280.3	20.8
30°-40°	226.6	16.8
40°-50°	168.2	12.5
50°-60°	117.6	8.7
60°-70°	73.7	5.5
70°-80°	35.0	2.6
80°-90°	6.4	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°	717.6	53.4
0°-40°	944.2	70.2
0°-60°	1230.0	91.4
0°-90°	1345.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1345.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1785	
5°	1667	149
15°	1030	288
25°	608	280
35°	360	227
45°	215	168
55°	130	118
65°	74	74
75°	32	35
85°	6	6
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1784.9
2.5°	1755.4
5°	1666.9
7.5°	1525.3
10°	1351.2
12.5°	1180.1
15°	1029.7
17.5°	902.8
20°	790.7
22.5°	693.3
25°	607.8
27.5°	531.1
30°	466.1
32.5°	410.1
35°	359.9
37.5°	315.7
40°	277.3
42.5°	244.9
45°	215.4
47.5°	191.8
50°	168.2
52.5°	147.5
55°	129.8
57.5°	115.1
60°	100.3
62.5°	85.6
65°	73.8
67.5°	62.0
70°	53.1
72.5°	41.3
75°	32.5
77.5°	23.6
80°	17.7
82.5°	8.9
85°	5.9
87.5°	0.0
90°	0.0

(END OF REPORT)