

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: P1260966

Luminaire Tested: P3AS24R159050D010 E3PHLD1MW

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260966
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: P3AS24R159050D010 E3PHLD1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 5000K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

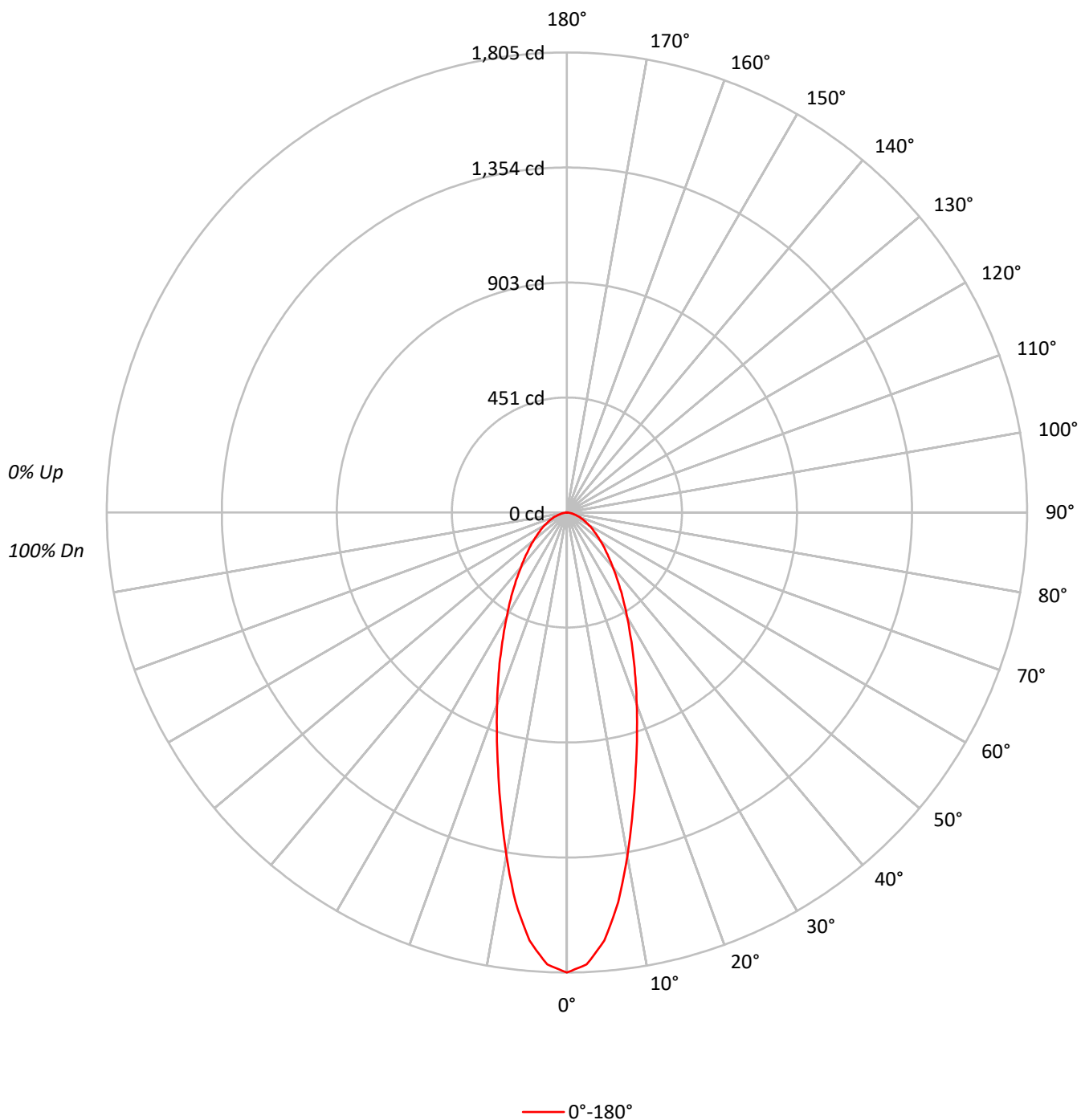
Lumens per Lamp: N/A
Luminaire Lumens: 1360.0 lumens
Efficiency: N/A
Efficacy: 47.2 lumens/watt
Spacing Criteria (0/90/45): 0.56 / 0.56 / 0.66
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	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°	395758
5°	371009
10°	304225
15°	236346
20°	186566
25°	148678
30°	119335
35°	97413
40°	80265
45°	67542
50°	57994
55°	50197
60°	44470
65°	38707
70°	34429
75°	27789
80°	22604
85°	15096

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 67542 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	150.5	11.1
10°-20°	291.6	21.4
20°-30°	283.5	20.8
30°-40°	229.1	16.8
40°-50°	170.1	12.5
50°-60°	118.9	8.7
60°-70°	74.5	5.5
70°-80°	35.4	2.6
80°-90°	6.5	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°	725.6	53.4
0°-40°	954.7	70.2
0°-60°	1243.7	91.4
0°-90°	1360.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1360.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1805	
5°	1686	151
15°	1041	292
25°	614	283
35°	364	229
45°	218	170
55°	131	119
65°	75	74
75°	33	35
85°	6	6
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	1804.8
2.5°	1775.0
5°	1685.5
7.5°	1542.3
10°	1366.3
12.5°	1193.3
15°	1041.1
17.5°	912.9
20°	799.5
22.5°	701.1
25°	614.5
27.5°	537.0
30°	471.3
32.5°	414.7
35°	363.9
37.5°	319.2
40°	280.4
42.5°	247.6
45°	217.8
47.5°	193.9
50°	170.0
52.5°	149.2
55°	131.3
57.5°	116.3
60°	101.4
62.5°	86.5
65°	74.6
67.5°	62.6
70°	53.7
72.5°	41.8
75°	32.8
77.5°	23.9
80°	17.9
82.5°	8.9
85°	6.0
87.5°	0.0
90°	0.0

(END OF REPORT)