

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: P1255882

Luminaire Tested: P3A24R559035D010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255882
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-34)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A24R559035D010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R55 optic, 3500K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

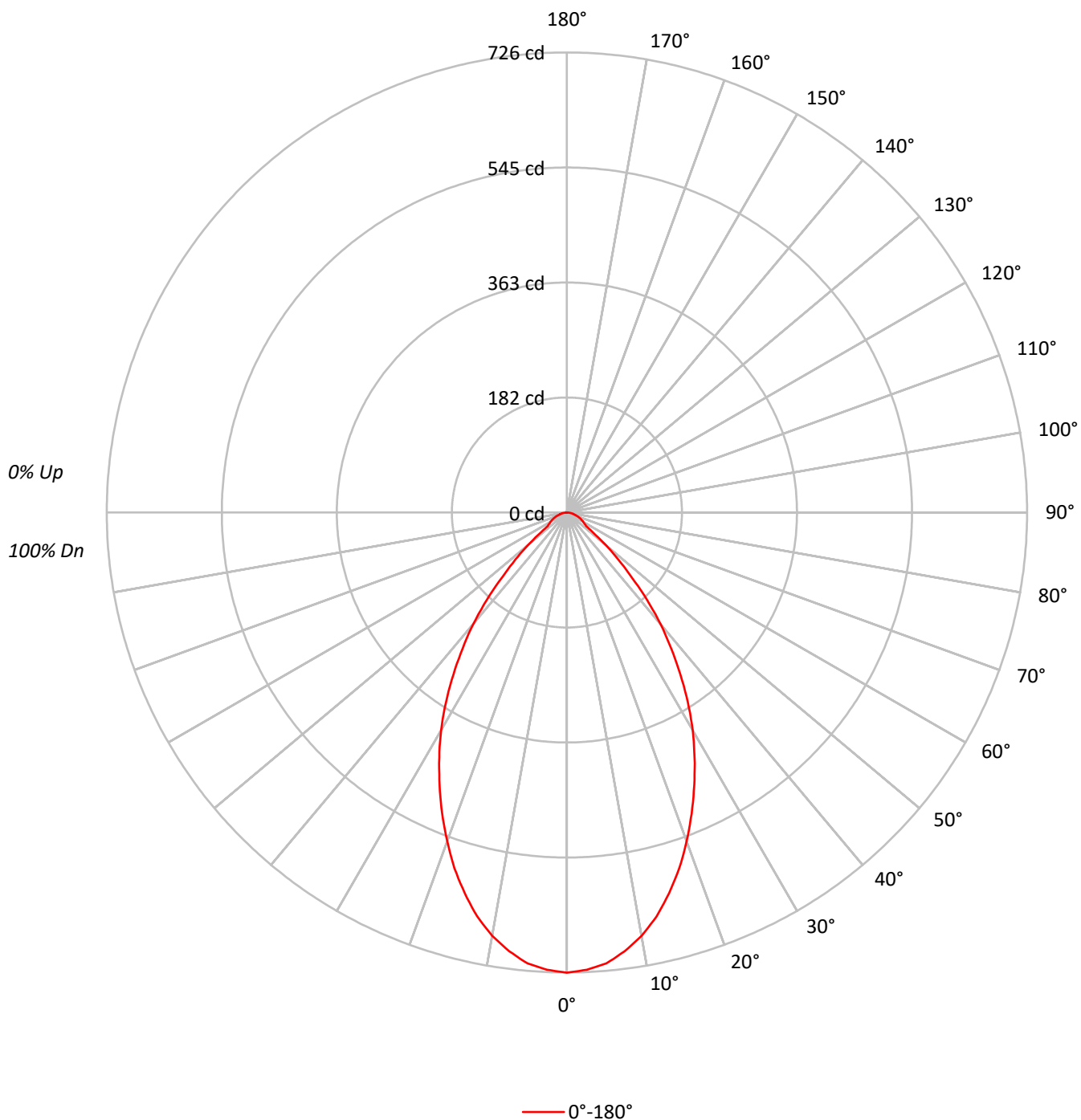
Lumens per Lamp: N/A
Luminaire Lumens: 847.0 lumens
Efficiency: N/A
Efficacy: 29.4 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	109	106	103	110	107	104	102	103	100	98		99	97	95		95
2	105	100	95	91	103	98	93	90	94	91	88		91	88	86		89
3	99	91	85	81	97	90	84	80	87	82	79		85	81	77		82
4	93	84	77	72	91	83	77	72	80	75	71		78	74	70		76
5	87	77	71	66	85	76	70	65	75	69	65		73	68	64		71
6	82	72	65	60	80	71	64	60	69	64	59		68	63	59		66
7	77	67	60	55	76	66	59	55	65	59	54		63	58	54		62
8	73	62	55	51	72	62	55	51	60	55	50		59	54	50		58
9	69	58	51	47	68	58	51	47	57	51	47		56	50	46		55
10	65	55	48	44	64	54	48	44	53	47	43		52	47	43		52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	159264
5°	157230
10°	151033
15°	141249
20°	128858
25°	114974
30°	100547
35°	83547
40°	65866
45°	44687
50°	27291
55°	14145
60°	13157
65°	12453
70°	11540
75°	10167
80°	10102
85°	7548

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 44687 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	67.0	7.9
10°-20°	173.9	20.5
20°-30°	217.8	25.7
30°-40°	194.4	23.0
40°-50°	113.8	13.4
50°-60°	39.3	4.6
60°-70°	23.7	2.8
70°-80°	13.2	1.6
80°-90°	3.8	0.4
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°	458.7	54.2
0°-40°	653.1	77.1
0°-60°	806.2	95.2
0°-90°	847.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	847.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	726	
5°	714	67
15°	622	174
25°	475	218
35°	312	194
45°	144	114
55°	37	39
65°	24	24
75°	12	13
85°	3	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	726.3
2.5°	722.3
5°	714.3
7.5°	698.3
10°	678.3
12.5°	653.2
15°	622.2
17.5°	589.2
20°	552.2
22.5°	514.2
25°	475.2
27.5°	436.2
30°	397.1
32.5°	355.1
35°	312.1
37.5°	270.1
40°	230.1
42.5°	187.1
45°	144.1
47.5°	110.0
50°	80.0
52.5°	52.0
55°	37.0
57.5°	33.0
60°	30.0
62.5°	27.0
65°	24.0
67.5°	21.0
70°	18.0
72.5°	15.0
75°	12.0
77.5°	10.0
80°	8.0
82.5°	5.0
85°	3.0
87.5°	2.0
90°	0.0

(END OF REPORT)