

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: P1255739

Luminaire Tested: P3A24R309035D010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255739
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-14)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A24R309035D010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R30 optic, 3500K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

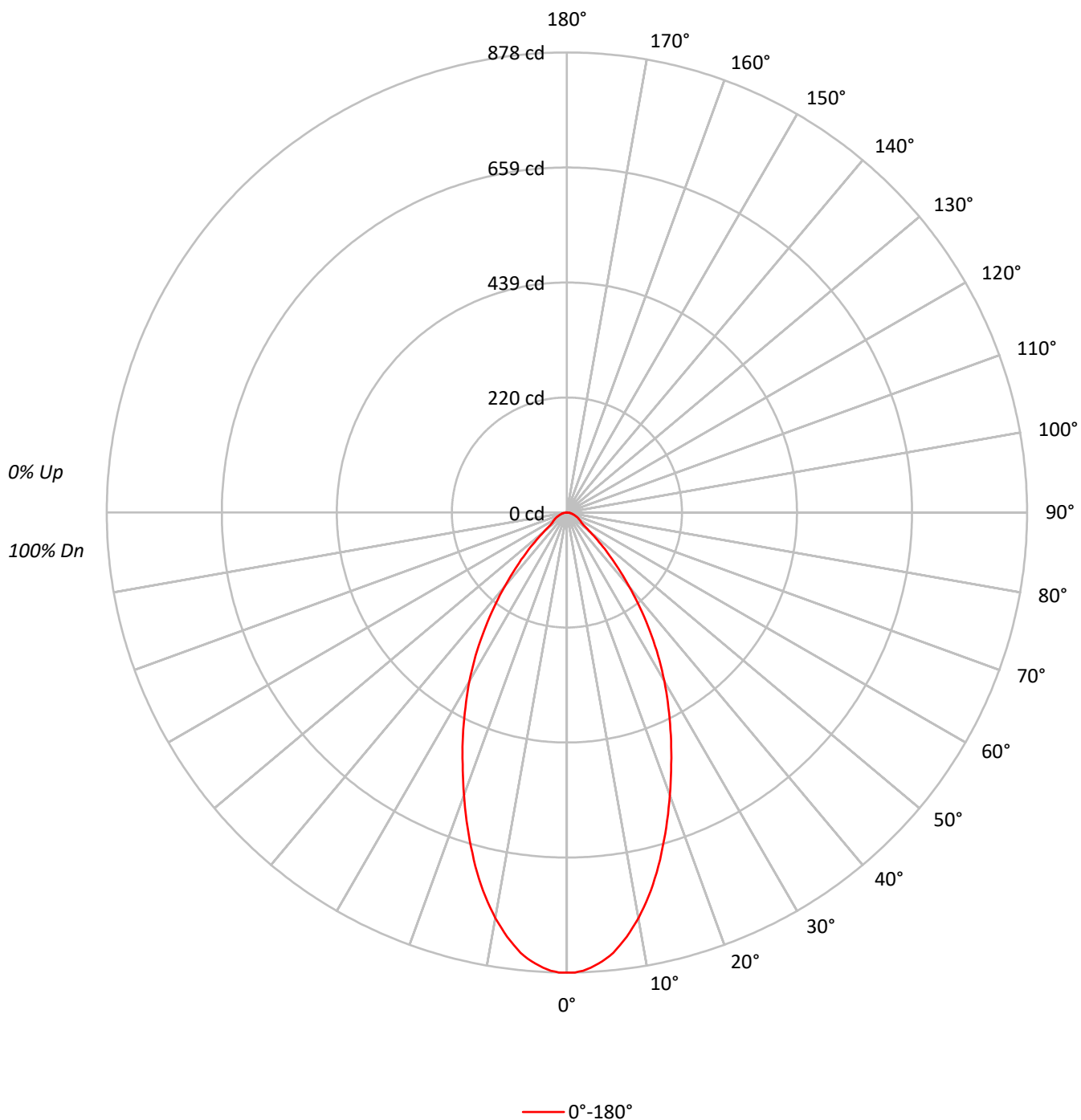
Lumens per Lamp: N/A
Luminaire Lumens: 815.0 lumens
Efficiency: N/A
Efficacy: 28.3 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	30	10
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	112	109	106	104		110	107	105	102		103	101	99		99	98	96		96	94	93
2	106	100	96	92		104	99	94	91		95	92	89		92	89	87		89	87	85
3	100	92	87	82		98	91	86	82		88	84	80		86	82	79		84	80	78
4	94	85	79	74		92	84	79	74		82	77	73		80	76	72		78	74	71
5	89	79	73	68		87	78	72	68		76	71	67		75	70	66		73	69	66
6	84	74	67	62		82	73	67	62		71	66	62		70	65	61		69	64	61
7	79	69	62	58		78	68	62	58		67	61	57		66	61	57		65	60	57
8	75	65	58	54		74	64	58	53		63	57	53		62	57	53		61	56	53
9	71	61	54	50		70	60	54	50		59	54	50		58	53	50		57	53	49
10	68	57	51	47		67	57	51	47		56	50	47		55	50	46		54	50	46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	192550
5°	188223
10°	175036
15°	155756
20°	133945
25°	113474
30°	94192
35°	73883
40°	52956
45°	34732
50°	19786
55°	12998
60°	12280
65°	11415
70°	10258
75°	9320
80°	8840
85°	7548

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 34732 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	79.4	9.7
10°-20°	190.7	23.4
20°-30°	214.9	26.4
30°-40°	171.6	21.1
40°-50°	88.2	10.8
50°-60°	33.2	4.1
60°-70°	21.8	2.7
70°-80°	11.7	1.4
80°-90°	3.4	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°	485.0	59.5
0°-40°	656.7	80.6
0°-60°	778.1	95.5
0°-90°	815.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	815.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	878	
5°	855	79
15°	686	191
25°	469	215
35°	276	172
45°	112	88
55°	34	33
65°	22	22
75°	11	12
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	878.1
1°	878.1
2°	875.1
3°	870.1
4°	863.1
5°	855.1
6°	845.1
7°	832.1
8°	818.1
9°	802.1
10°	786.1
11°	768.1
12°	749.1
13°	729.1
14°	708.1
15°	686.1
17.5°	630.1
20°	574.0
22.5°	520.0
25°	469.0
27.5°	419.0
30°	372.0
32.5°	324.0
35°	276.0
37.5°	229.0
40°	185.0
42.5°	146.0
45°	112.0
47.5°	83.0
50°	58.0
52.5°	41.0
55°	34.0
57.5°	31.0
60°	28.0
62.5°	25.0
65°	22.0
67.5°	19.0
70°	16.0
72.5°	13.0
75°	11.0
77.5°	9.0
80°	7.0
82.5°	5.0
85°	3.0
87.5°	1.0



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)