

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: P1255911

Luminaire Tested: P3A24R609035D010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255911
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-38)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A24R609035D010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R60 optic, 3500K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

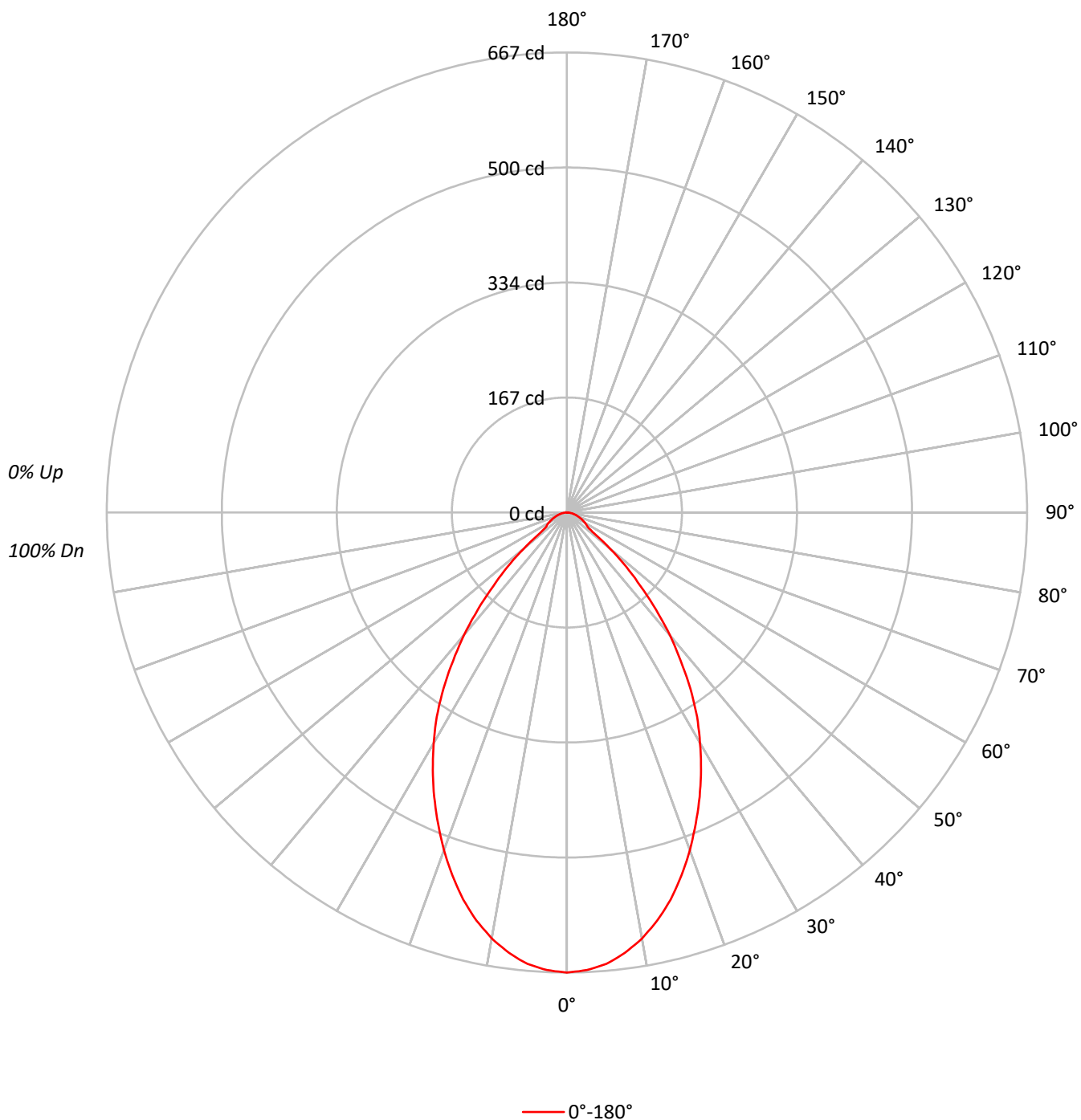
Lumens per Lamp: N/A
Luminaire Lumens: 823.9 lumens
Efficiency: N/A
Efficacy: 28.6 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	101	102	100	98		99	97	95		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	96	89	84	79	87	82	78		84	80	77		82
4	92	83	77	72	90	82	76	71	80	75	70		78	73	70		76
5	87	77	70	65	85	76	69	65	74	68	64		72	67	63		71
6	82	71	64	59	80	70	64	59	69	63	58		67	62	58		66
7	77	66	59	54	75	65	59	54	64	58	54		63	57	53		61
8	72	61	55	50	71	61	54	50	60	54	49		59	53	49		58
9	68	57	51	46	67	57	50	46	56	50	46		55	49	46		54
10	65	54	47	43	64	53	47	43	52	47	43		52	46	42		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	146282
5°	144640
10°	139632
15°	131896
20°	121577
25°	110087
30°	97737
35°	83520
40°	66410
45°	46827
50°	27973
55°	14145
60°	13595
65°	12453
70°	11540
75°	11014
80°	10102
85°	7548

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 46827 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	61.7	7.5
10°-20°	162.4	19.7
20°-30°	208.5	25.3
30°-40°	193.3	23.5
40°-50°	117.7	14.3
50°-60°	39.2	4.8
60°-70°	23.9	2.9
70°-80°	13.4	1.6
80°-90°	3.8	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°	432.6	52.5
0°-40°	625.9	76.0
0°-60°	782.8	95.0
0°-90°	823.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	823.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	667	
5°	657	62
15°	581	162
25°	455	208
35°	312	193
45°	151	118
55°	37	39
65°	24	24
75°	13	13
85°	3	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	667.1
2.5°	664.1
5°	657.1
7.5°	644.1
10°	627.1
12.5°	606.0
15°	581.0
17.5°	552.0
20°	521.0
22.5°	488.0
25°	455.0
27.5°	421.0
30°	386.0
32.5°	351.0
35°	312.0
37.5°	271.0
40°	232.0
42.5°	191.0
45°	151.0
47.5°	117.0
50°	82.0
52.5°	49.0
55°	37.0
57.5°	34.0
60°	31.0
62.5°	27.0
65°	24.0
67.5°	21.0
70°	18.0
72.5°	15.0
75°	13.0
77.5°	10.0
80°	8.0
82.5°	5.0
85°	3.0
87.5°	2.0
90°	0.0

(END OF REPORT)