

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: P1255680

Luminaire Tested: P3A24R209035D010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255680
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-6)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A24R209035D010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R20 optic, 3500K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

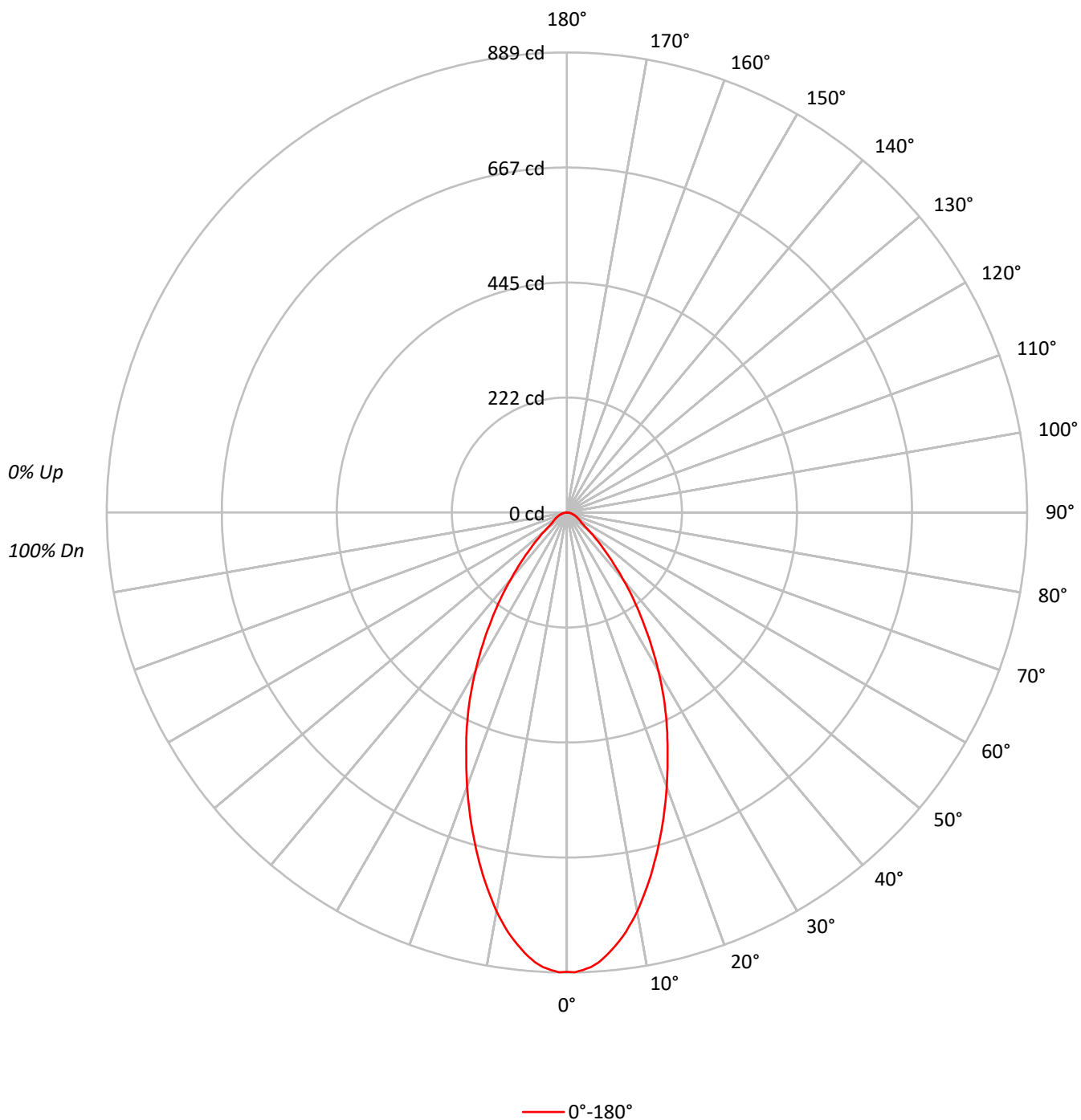
Lumens per Lamp: N/A
Luminaire Lumens: 787.0 lumens
Efficiency: N/A
Efficacy: 27.3 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	113	109	106	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	94	91	95	92	89		92	89	87		90
3	100	93	87	82	98	91	86	82	88	84	80		86	82	79		84
4	94	86	79	75	92	85	79	74	82	77	73		80	76	72		78
5	89	80	73	68	87	79	73	68	77	71	67		75	70	67		73
6	84	74	68	63	82	73	67	63	72	66	62		70	65	62		69
7	80	69	63	58	78	69	62	58	67	62	58		66	61	57		65
8	75	65	59	54	74	64	58	54	63	58	54		62	57	53		61
9	72	61	55	50	70	61	55	50	60	54	50		59	54	50		58
10	68	58	51	47	67	57	51	47	56	51	47		56	50	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	194655
5°	189478
10°	174301
15°	153417
20°	131565
25°	110547
30°	89356
35°	67967
40°	48376
45°	31941
50°	19786
55°	12998
60°	11841
65°	10896
70°	10258
75°	9320
80°	8840
85°	7548

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 31941 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	79.6	10.1
10°-20°	188.1	23.9
20°-30°	208.8	26.5
30°-40°	159.3	20.2
40°-50°	81.6	10.4
50°-60°	33.5	4.3
60°-70°	20.9	2.7
70°-80°	11.7	1.5
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°	476.6	60.6
0°-40°	635.9	80.8
0°-60°	751.0	95.4
0°-90°	787.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	787.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	888	
5°	861	80
15°	676	188
25°	457	209
35°	254	159
45°	103	82
55°	34	34
65°	21	21
75°	11	12
85°	3	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	887.7
1°	888.7
2°	884.7
3°	879.7
4°	871.7
5°	860.8
6°	847.8
7°	833.8
8°	818.8
9°	800.8
10°	782.8
12.5°	730.8
15°	675.8
17.5°	619.8
20°	563.8
22.5°	507.9
25°	456.9
27.5°	405.9
30°	352.9
32.5°	302.9
35°	253.9
37.5°	210.9
40°	169.0
42.5°	133.0
45°	103.0
47.5°	78.0
50°	58.0
52.5°	43.0
55°	34.0
57.5°	31.0
60°	27.0
62.5°	24.0
65°	21.0
67.5°	18.0
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
90°	0.0

(END OF REPORT)