

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: P1270861

Luminaire Tested: P3AS02R209827DE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1270861
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: P3AS02R209827DE010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R20 optic, 2700K CCT AND, 98CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

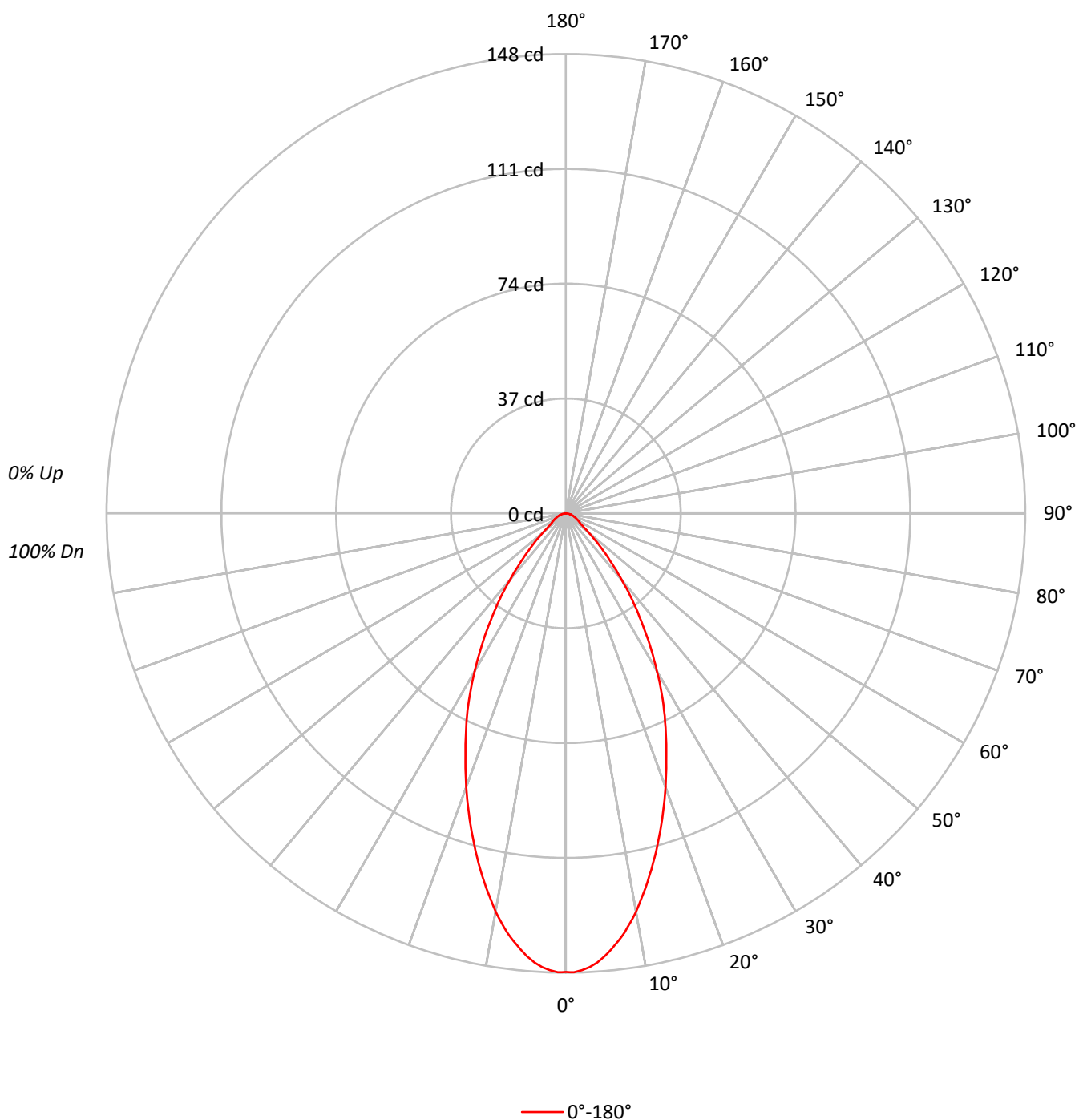
Lumens per Lamp: N/A
Luminaire Lumens: 131.0 lumens
Efficiency: N/A
Efficacy: 36.4 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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

TEST NUMBER: P1270861

CATALOG NUMBER: P3AS02R209827DE010 E3DLD1H

Luminous Intensity Polar Plot



TEST NUMBER: P1270861

CATALOG NUMBER: P3AS02R209827DE010 E3DLD1H

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	113	109	106	104		110	107	105	102		103	101	99		99	98	96		96	95	93
2	106	100	96	92		104	99	94	91		95	92	89		92	89	87		90	87	85
3	100	93	87	82		98	91	86	82		88	84	80		86	82	79		84	81	78
4	94	86	79	75		92	84	79	74		82	77	73		80	76	72		78	75	72
5	89	80	73	68		87	79	73	68		77	71	67		75	70	67		73	69	66
6	84	74	68	63		82	73	67	63		72	66	62		70	65	62		69	65	61
7	80	69	63	58		78	69	62	58		67	62	58		66	61	57		65	60	57
8	75	65	59	54		74	64	58	54		63	58	54		62	57	53		61	57	53
9	72	61	55	50		70	61	55	50		60	54	50		59	54	50		58	53	50
10	68	58	51	47		67	57	51	47		56	51	47		56	50	47		55	50	47

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	32410
5°	31543
10°	29013
15°	25539
20°	21912
25°	18388
30°	14863
35°	11323
40°	8044
45°	5303
50°	3309
55°	2179
60°	1974
65°	1816
70°	1731
75°	1525
80°	1515
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 5303 cd/sqm

TEST NUMBER: P1270861

CATALOG NUMBER: P3AS02R209827DE010 E3DLD1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	13.3	10.1
10°-20°	31.3	23.9
20°-30°	34.8	26.5
30°-40°	26.5	20.2
40°-50°	13.6	10.4
50°-60°	5.6	4.3
60°-70°	3.5	2.7
70°-80°	2.0	1.5
80°-90°	0.6	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°	79.3	60.5
0°-40°	105.8	80.8
0°-60°	125.0	95.4
0°-90°	131.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	131.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	148	
5°	143	13
15°	112	31
25°	76	35
35°	42	27
45°	17	14
55°	6	6
65°	4	3
75°	2	2
85°	0	1
90°	0	

TEST NUMBER: P1270861

CATALOG NUMBER: P3AS02R209827DE010 E3DLD1H

CANDELA DISTRIBUTION (FULL):

0°	
0°	147.8
1°	147.9
2°	147.3
3°	146.4
4°	145.1
5°	143.3
6°	141.1
7°	138.8
8°	136.3
9°	133.3
10°	130.3
12.5°	121.6
15°	112.5
17.5°	103.2
20°	93.9
22.5°	84.5
25°	76.0
27.5°	67.6
30°	58.7
32.5°	50.4
35°	42.3
37.5°	35.1
40°	28.1
42.5°	22.1
45°	17.1
47.5°	13.0
50°	9.7
52.5°	7.2
55°	5.7
57.5°	5.2
60°	4.5
62.5°	4.0
65°	3.5
67.5°	3.0
70°	2.7
72.5°	2.2
75°	1.8
77.5°	1.5
80°	1.2
82.5°	0.8
85°	0.5
87.5°	0.2
90°	0.0

(END OF REPORT)