

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: P1254177

Luminaire Tested: P3AS09R159035DE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1254177
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R159035DE010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R15 optic, 3500K CCT AND, 90CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

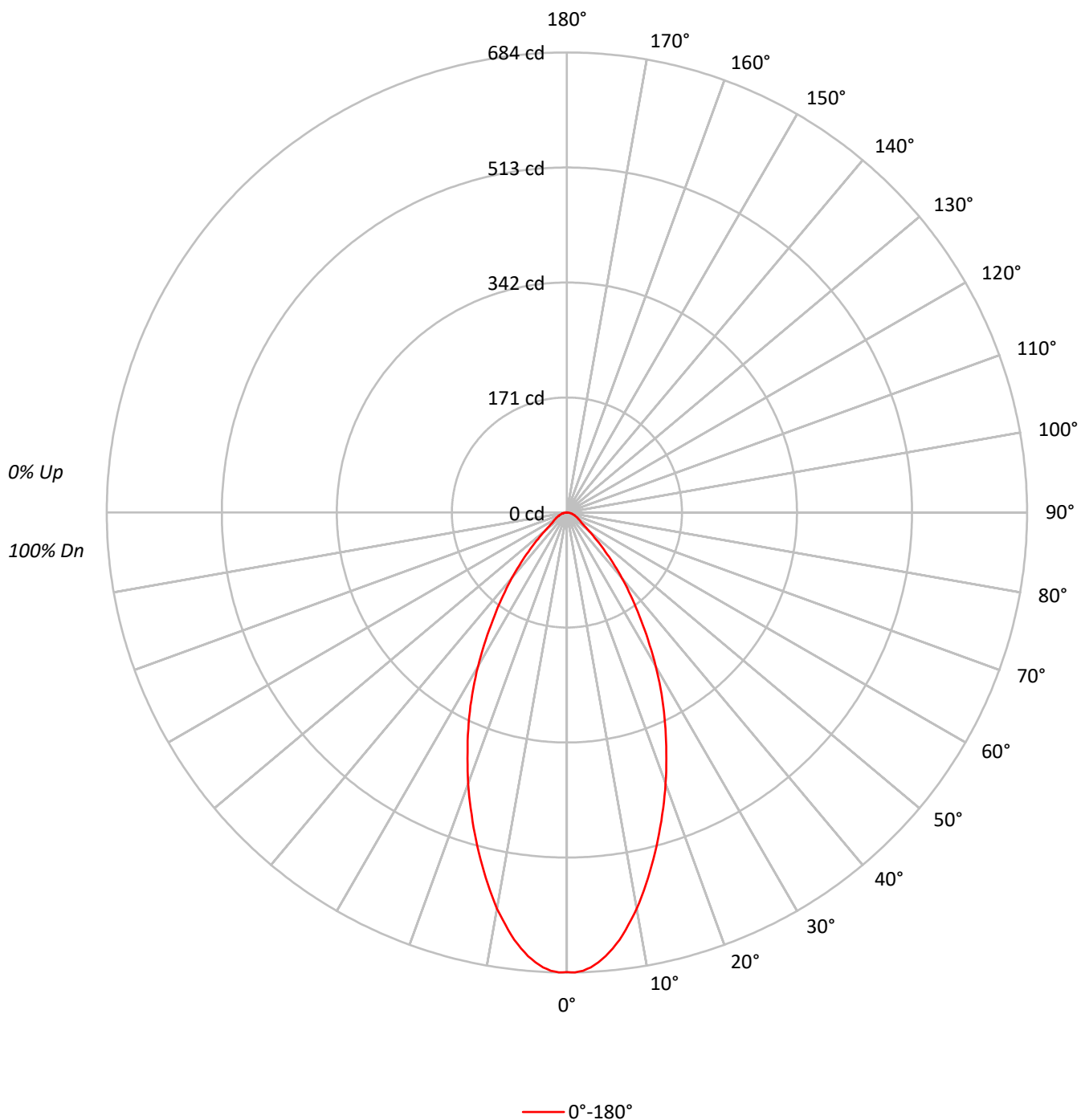
Lumens per Lamp: N/A
Luminaire Lumens: 594.0 lumens
Efficiency: N/A
Efficacy: 53.5 lumens/watt
Spacing Criteria (0/90/45): 0.75 / 0.75 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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: P1254177

CATALOG NUMBER: P3AS09R159035DE010 E3DLD1H

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	113	109	106	104		110	107	105	102		103	101	99		99	98	96		96	95	93
2	106	100	96	92		104	99	95	91		95	92	89		92	90	87		90	87	85
3	100	93	87	83		98	91	86	82		89	84	81		86	82	79		84	81	78
4	94	86	80	75		92	85	79	74		82	77	73		80	76	73		78	75	72
5	89	80	73	68		87	79	73	68		77	72	67		75	70	67		74	69	66
6	84	74	68	63		83	73	67	63		72	66	62		70	66	62		69	65	61
7	80	69	63	58		78	69	63	58		67	62	58		66	61	57		65	61	57
8	76	65	59	54		74	65	58	54		63	58	54		62	57	54		61	57	53
9	72	61	55	51		71	61	55	51		60	54	50		59	54	50		58	53	50
10	68	58	52	48		67	57	51	47		57	51	47		56	51	47		55	50	47

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	149834
5°	145762
10°	133197
15°	116686
20°	100085
25°	83569
30°	66871
35°	50166
40°	36411
45°	23816
50°	14874
55°	10055
60°	8903
65°	8198
70°	7694
75°	7032
80°	6693
85°	5787

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 23816 cd/sqm

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CATALOG NUMBER: P3AS09R159035DE010 E3DLD1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	61.1	10.3
10°-20°	143.2	24.1
20°-30°	157.8	26.6
30°-40°	118.2	19.9
40°-50°	61.2	10.3
50°-60°	25.4	4.3
60°-70°	15.7	2.6
70°-80°	8.8	1.5
80°-90°	2.6	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°	362.1	61.0
0°-40°	480.3	80.8
0°-60°	566.9	95.4
0°-90°	594.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	594.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	683	
5°	662	61
15°	514	143
25°	345	158
35°	187	118
45°	77	61
55°	26	25
65°	16	16
75°	8	9
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	683.3
1°	684.0
2°	681.8
3°	677.3
4°	670.5
5°	662.2
6°	651.7
7°	640.4
8°	626.8
9°	612.5
10°	598.2
12.5°	556.9
15°	514.0
17.5°	471.1
20°	428.9
22.5°	386.0
25°	345.4
27.5°	304.8
30°	264.1
32.5°	224.2
35°	187.4
37.5°	155.8
40°	127.2
42.5°	100.8
45°	76.8
47.5°	57.9
50°	43.6
52.5°	32.4
55°	26.3
57.5°	23.3
60°	20.3
62.5°	18.1
65°	15.8
67.5°	13.5
70°	12.0
72.5°	9.8
75°	8.3
77.5°	6.8
80°	5.3
82.5°	3.8
85°	2.3
87.5°	0.8
90°	0.0

(END OF REPORT)