

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: P1262274

Luminaire Tested: P3AS09R309727DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1262274
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R309727DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R30 optic, 2700K CCT AND, 97CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

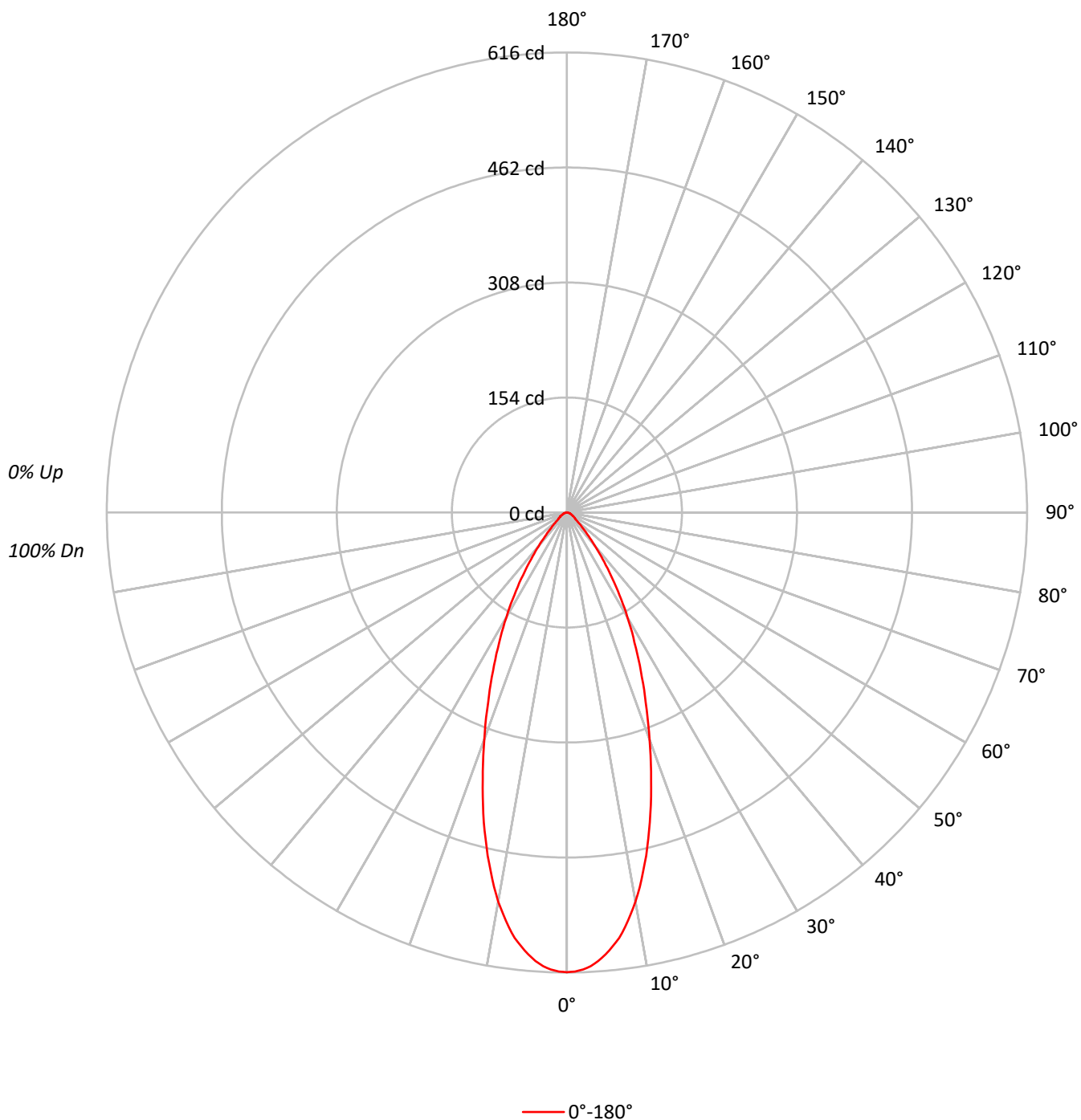
Lumens per Lamp: N/A
Luminaire Lumens: 395.0 lumens
Efficiency: N/A
Efficacy: 35.6 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1262274

CATALOG NUMBER: P3AS09R309727DE010 E3DL1WH

Luminous Intensity Polar Plot



TEST NUMBER: P1262274

CATALOG NUMBER: P3AS09R309727DE010 E3DL1WH

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	110	108	105	111	108	106	104	104	102	100		100	99	97		97
2	107	102	98	95	105	101	97	94	97	94	92		94	92	90		92
3	102	95	90	86	100	94	89	85	91	87	84		89	86	83		87
4	97	89	84	79	95	88	83	79	86	81	78		84	80	77		82
5	92	84	78	73	90	83	77	73	81	76	72		79	75	72		78
6	88	79	73	68	86	78	72	68	76	71	68		75	71	67		74
7	83	74	68	64	82	74	68	64	72	67	63		71	67	63		70
8	80	70	64	60	78	70	64	60	69	63	60		67	63	60		67
9	76	67	61	57	75	66	60	57	65	60	56		64	60	56		63
10	73	63	58	54	72	63	57	54	62	57	54		61	57	53		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	134989
5°	130772
10°	117833
15°	97481
20°	75467
25°	56616
30°	41095
35°	27385
40°	16832
45°	9861
50°	6072
55°	4932
60°	4298
65°	3476
70°	3142
75°	3135
80°	2273
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 9861 cd/sqm

TEST NUMBER: P1262274

CATALOG NUMBER: P3AS09R309727DE010 E3DL1WH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	54.6	13.8
10°-20°	118.3	29.9
20°-30°	107.6	27.2
30°-40°	65.1	16.5
40°-50°	26.1	6.6
50°-60°	11.6	2.9
60°-70°	7.0	1.8
70°-80°	3.8	1.0
80°-90°	1.1	0.3
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°	280.5	71.0
0°-40°	345.5	87.5
0°-60°	383.2	97.0
0°-90°	395.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	395.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	616	
5°	594	55
15°	429	118
25°	234	108
35°	102	65
45°	32	26
55°	13	12
65°	7	7
75°	4	4
85°	1	1
90°	0	

TEST NUMBER: P1262274

CATALOG NUMBER: P3AS09R309727DE010 E3DL1WH

CANDELA DISTRIBUTION (FULL):

0°	
0°	615.6
1°	614.9
2°	612.5
3°	608.2
4°	602.1
5°	594.1
6°	584.3
7°	573.9
8°	560.4
9°	545.1
10°	529.2
11°	510.8
12°	491.2
13°	471.6
14°	450.2
15°	429.4
17.5°	374.8
20°	323.4
22.5°	275.6
25°	234.0
27.5°	196.0
30°	162.3
32.5°	131.1
35°	102.3
37.5°	78.4
40°	58.8
42.5°	42.9
45°	31.8
47.5°	23.9
50°	17.8
52.5°	14.1
55°	12.9
57.5°	11.0
60°	9.8
62.5°	8.0
65°	6.7
67.5°	6.1
70°	4.9
72.5°	4.3
75°	3.7
77.5°	3.1
80°	1.8
82.5°	1.2
85°	1.2
87.5°	0.6



TEST NUMBER: P1262274

CATALOG NUMBER: P3AS09R309727DE010 E3DL1WH

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)