

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: P1249083

Luminaire Tested: P3AS09R709027DE010 E3DLP1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1249083
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-45)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R709027DE010 E3DLP1H
Description: 3in Adjustable LED luminaire with, R70 optic, 2700K CCT AND, 90CRI , E3DLP1H TRIM
Light Source: -
Ballast/Driver: -

Summary

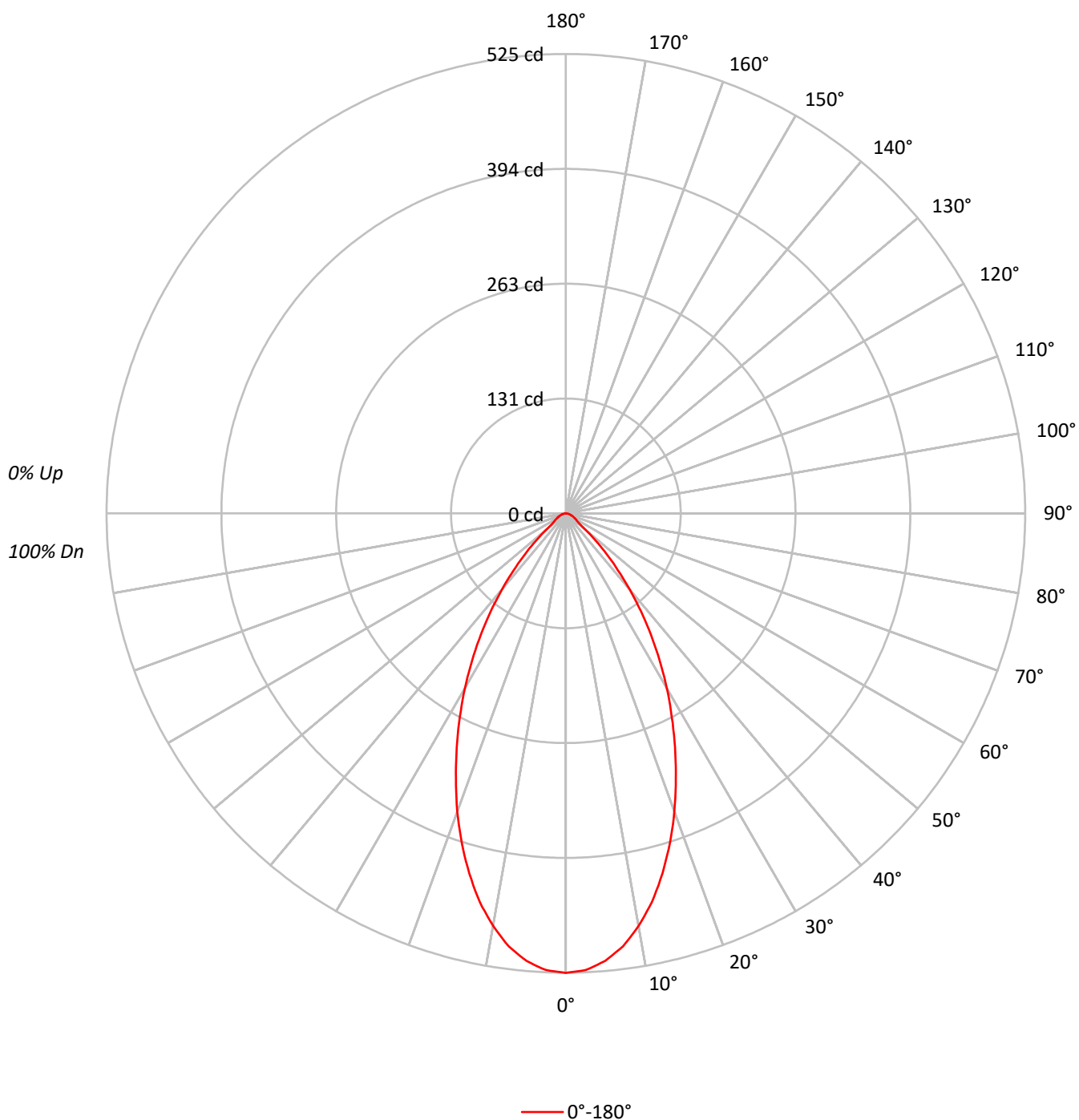
Lumens per Lamp: N/A
Luminaire Lumens: 491.0 lumens
Efficiency: N/A
Efficacy: 44.2 lumens/watt
Spacing Criteria (0/90/45): 0.82 / 0.82 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1249083

CATALOG NUMBER: P3AS09R709027DE010 E3DLP1H

Luminous Intensity Polar Plot



TEST NUMBER: P1249083

CATALOG NUMBER: P3AS09R709027DE010 E3DLP1H

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	107	104	110	107	105	103	103	101	100		100	98	97		96
2	106	101	97	93	104	99	95	92	96	93	90		93	90	88		90
3	100	93	88	83	98	92	87	83	89	85	81		87	83	80		84
4	95	86	80	76	93	85	80	75	83	78	74		81	77	73		79
5	89	80	74	69	88	79	73	69	78	72	68		76	71	68		74
6	85	75	68	64	83	74	68	64	73	67	63		71	66	63		70
7	80	70	64	59	79	69	63	59	68	62	58		67	62	58		66
8	76	66	59	55	75	65	59	55	64	58	54		63	58	54		62
9	72	62	55	51	71	61	55	51	60	55	51		59	54	51		58
10	69	58	52	48	67	58	52	48	57	51	48		56	51	48		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	115166
5°	113053
10°	106611
15°	96754
20°	84637
25°	71375
30°	58439
35°	45347
40°	32461
45°	20529
50°	10268
55°	6270
60°	5394
65°	4981
70°	4360
75°	4067
80°	3410
85°	3522

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 20529 cd/sqm

TEST NUMBER: P1249083

CATALOG NUMBER: P3AS09R709027DE010 E3DLP1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	47.9	9.8
10°-20°	118.6	24.2
20°-30°	135.1	27.5
30°-40°	105.6	21.5
40°-50°	51.9	10.6
50°-60°	16.0	3.2
60°-70°	9.5	1.9
70°-80°	5.1	1.0
80°-90°	1.5	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°	301.6	61.4
0°-40°	407.2	82.9
0°-60°	475.0	96.7
0°-90°	491.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	491.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	525	
5°	514	48
15°	426	119
25°	295	135
35°	169	106
45°	66	52
55°	16	16
65°	10	9
75°	5	5
85°	1	1
90°	0	

TEST NUMBER: P1249083

CATALOG NUMBER: P3AS09R709027DE010 E3DLP1H

CANDELA DISTRIBUTION (FULL):

	0°
0°	525.2
2.5°	522.5
5°	513.6
7.5°	499.3
10°	478.8
12.5°	454.9
15°	426.2
17.5°	395.4
20°	362.7
22.5°	328.5
25°	295.0
27.5°	262.3
30°	230.8
32.5°	199.4
35°	169.4
37.5°	140.7
40°	113.4
42.5°	88.1
45°	66.2
47.5°	46.4
50°	30.1
52.5°	19.8
55°	16.4
57.5°	14.3
60°	12.3
62.5°	10.9
65°	9.6
67.5°	8.2
70°	6.8
72.5°	5.5
75°	4.8
77.5°	4.1
80°	2.7
82.5°	2.0
85°	1.4
87.5°	0.7
90°	0.0

(END OF REPORT)