

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: P1257988

Luminaire Tested: P3AS17R709040DE010 E3DLP1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257988
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: P3AS17R709040DE010 E3DLP1LI
Description: 3in Adjustable LED luminaire with, R70 optic, 4000K CCT AND, 90CRI , E3DLP1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

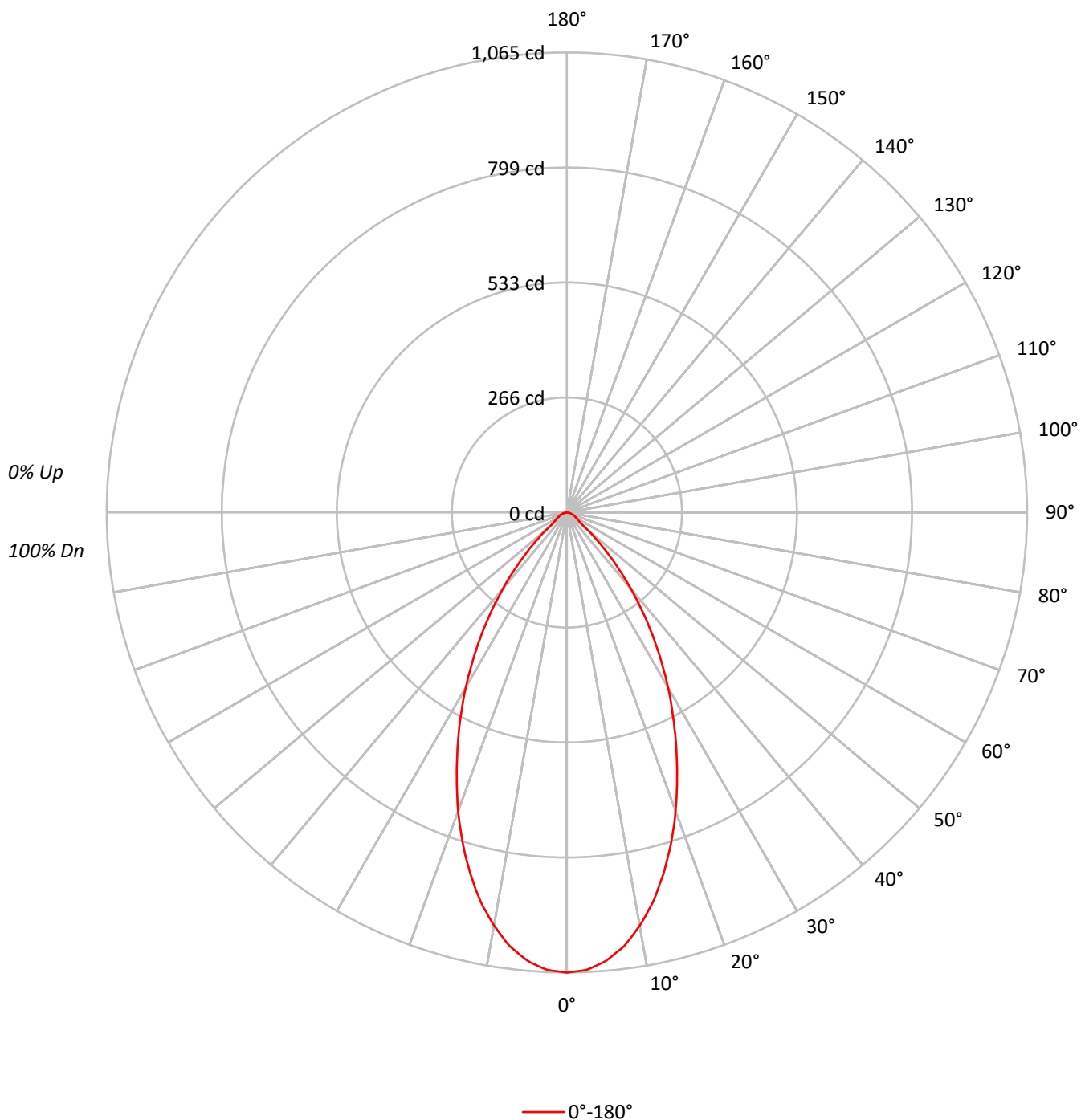
Lumens per Lamp: N/A
Luminaire Lumens: 996.0 lumens
Efficiency: N/A
Efficacy: 47.0 lumens/watt
Spacing Criteria (0/90/45): 0.82 / 0.82 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 21.2
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: P1257988

CATALOG NUMBER: P3AS17R709040DE010 E3DLP1LI

Luminous Intensity Polar Plot



TEST NUMBER: P1257988

CATALOG NUMBER: P3AS17R709040DE010 E3DLP1LI

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°	233622
5°	229341
10°	216251
15°	196255
20°	171678
25°	144807
30°	118575
35°	91979
40°	65838
45°	41679
50°	20810
55°	12731
60°	10920
65°	10066
70°	8912
75°	8218
80°	6945
85°	7045

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 41679 cd/sqm

TEST NUMBER: P1257988

CATALOG NUMBER: P3AS17R709040DE010 E3DLP1LI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	97.2	9.8
10°-20°	240.6	24.2
20°-30°	274.0	27.5
30°-40°	214.2	21.5
40°-50°	105.2	10.6
50°-60°	32.4	3.3
60°-70°	19.2	1.9
70°-80°	10.2	1.0
80°-90°	3.0	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°	611.7	61.4
0°-40°	826.0	82.9
0°-60°	963.6	96.7
0°-90°	996.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	996.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1065	
5°	1042	97
15°	864	241
25°	598	274
35°	344	214
45°	134	105
55°	33	32
65°	19	19
75°	10	10
85°	3	3
90°	0	

TEST NUMBER: P1257988

CATALOG NUMBER: P3AS17R709040DE010 E3DLP1LI

CANDELA DISTRIBUTION (FULL):

0°	
0°	1065.4
2.5°	1059.9
5°	1041.9
7.5°	1012.8
10°	971.2
12.5°	922.7
15°	864.5
17.5°	802.2
20°	735.7
22.5°	666.4
25°	598.5
27.5°	532.0
30°	468.3
32.5°	404.5
35°	343.6
37.5°	285.4
40°	230.0
42.5°	178.7
45°	134.4
47.5°	94.2
50°	61.0
52.5°	40.2
55°	33.3
57.5°	29.1
60°	24.9
62.5°	22.2
65°	19.4
67.5°	16.6
70°	13.9
72.5°	11.1
75°	9.7
77.5°	8.3
80°	5.5
82.5°	4.2
85°	2.8
87.5°	1.4
90°	0.0

(END OF REPORT)