

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: P1252250

Luminaire Tested: P3AS17R159030DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252250
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-1)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R159030DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R15 optic, 3000K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

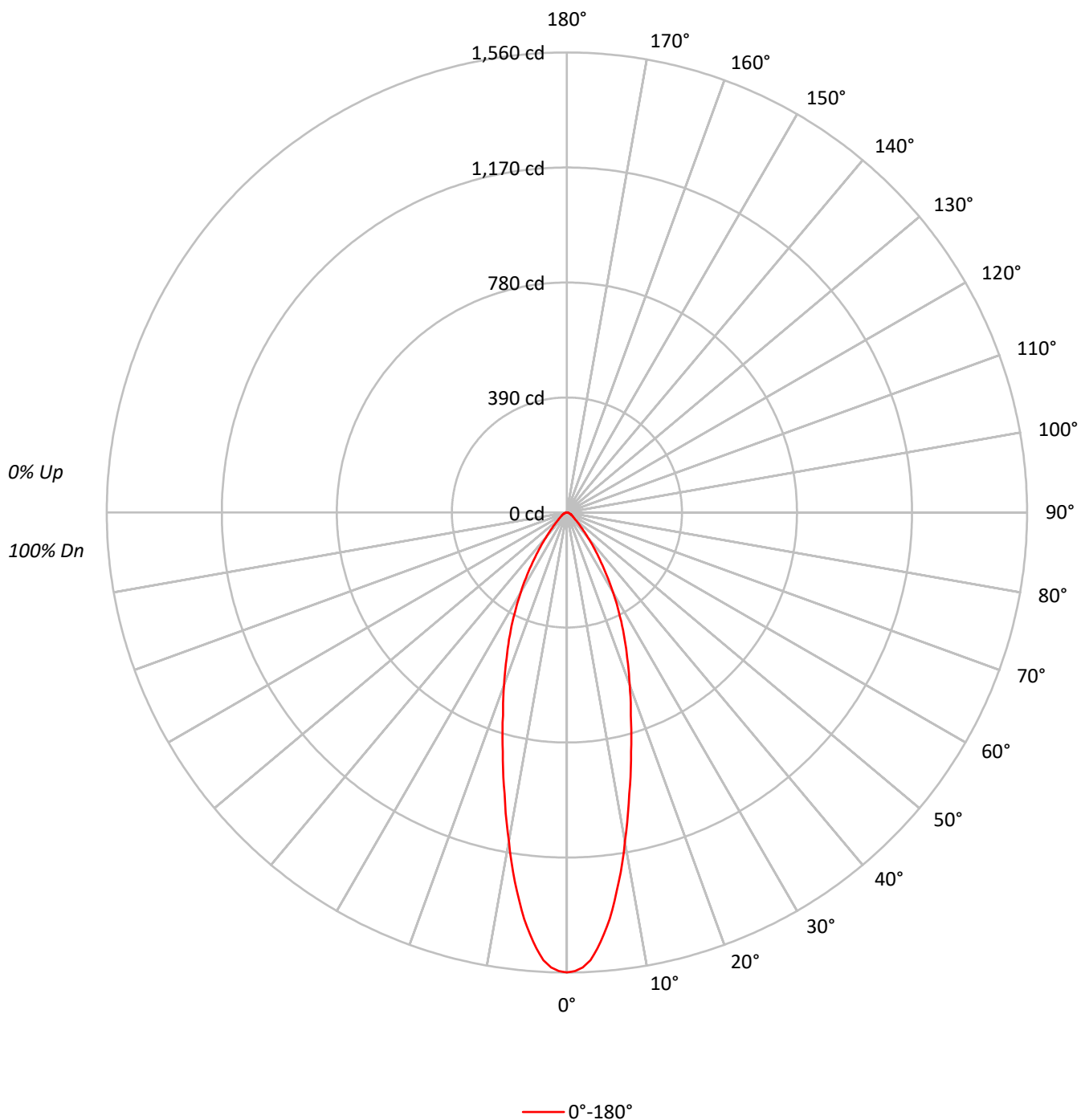
Lumens per Lamp: N/A
Luminaire Lumens: 793.0 lumens
Efficiency: N/A
Efficacy: 37.4 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1252250

CATALOG NUMBER: P3AS17R159030DE010 E3DL1WH

Luminous Intensity Polar Plot



TEST NUMBER: P1252250

CATALOG NUMBER: P3AS17R159030DE010 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	106	111	108	106	104	104	102	101		100	99	98		97
2	108	103	98	95	105	101	97	94	98	95	92		95	92	90		92
3	102	96	91	87	100	94	90	86	92	88	85		89	86	83		87
4	97	90	84	80	95	88	83	79	86	82	78		84	81	78		82
5	93	84	78	74	91	83	78	74	81	77	73		80	76	72		78
6	88	79	73	69	87	79	73	69	77	72	69		76	71	68		74
7	84	75	69	65	83	74	69	65	73	68	64		72	67	64		71
8	80	71	65	61	79	71	65	61	69	64	61		68	64	61		67
9	77	68	62	58	76	67	62	58	66	61	58		65	61	57		64
10	74	64	59	55	73	64	59	55	63	58	55		62	58	55		62

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	341968
5°	316046
10°	252322
15°	190603
20°	145146
25°	110595
30°	79227
35°	51718
40°	31688
45°	19165
50°	12725
55°	9863
60°	8464
65°	7368
70°	6604
75°	6524
80°	4925
85°	3271

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 19165 cd/sqm

TEST NUMBER: P1252250

CATALOG NUMBER: P3AS17R159030DE010 E3DL1WH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	127.2	16.0
10°-20°	234.7	29.6
20°-30°	208.9	26.3
30°-40°	123.6	15.6
40°-50°	50.7	6.4
50°-60°	23.8	3.0
60°-70°	14.5	1.8
70°-80°	7.6	1.0
80°-90°	1.9	0.2
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°	570.8	72.0
0°-40°	694.4	87.6
0°-60°	768.9	97.0
0°-90°	793.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	793.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1560	
5°	1436	127
15°	840	235
25°	457	209
35°	193	124
45°	62	51
55°	26	24
65°	14	14
75°	8	8
85°	1	2
90°	0	

TEST NUMBER: P1252250

CATALOG NUMBER: P3AS17R159030DE010 E3DL1WH

CANDELA DISTRIBUTION (FULL):

0°	
0°	1559.5
1°	1555.6
2°	1544.0
3°	1520.8
4°	1482.2
5°	1435.8
6°	1385.6
7°	1326.4
8°	1264.6
9°	1201.5
10°	1133.2
12.5°	977.4
15°	839.6
17.5°	721.1
20°	622.0
22.5°	534.4
25°	457.1
27.5°	382.5
30°	312.9
32.5°	249.8
35°	193.2
37.5°	148.1
40°	110.7
42.5°	82.4
45°	61.8
47.5°	47.6
50°	37.3
52.5°	30.9
55°	25.8
57.5°	21.9
60°	19.3
62.5°	16.7
65°	14.2
67.5°	12.9
70°	10.3
72.5°	9.0
75°	7.7
77.5°	5.2
80°	3.9
82.5°	2.6
85°	1.3
87.5°	1.3
90°	0.0

(END OF REPORT)