

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: P1257664

Luminaire Tested: P3AS17R159040DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257664
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: P3AS17R159040DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R15 optic, 4000K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

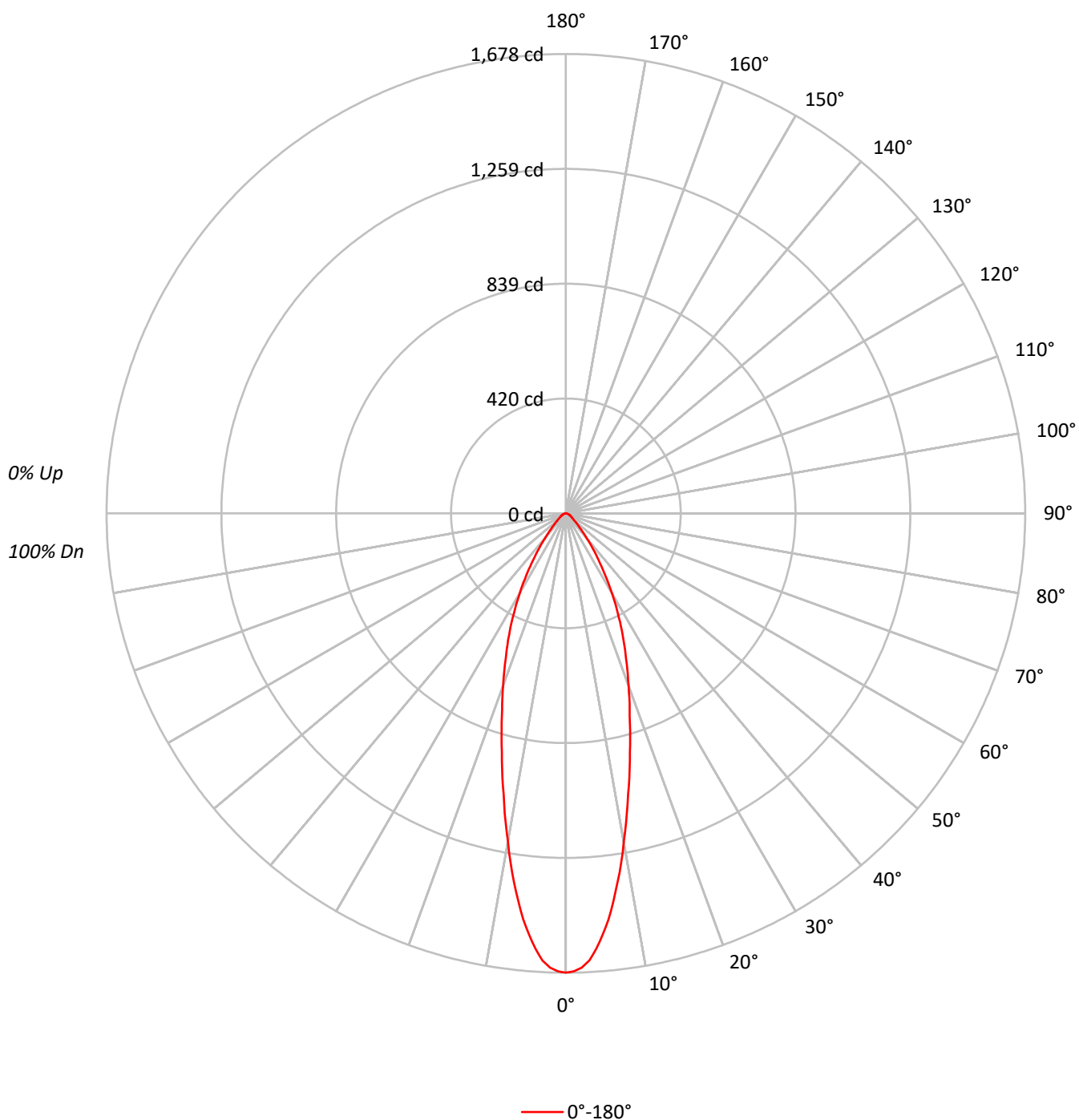
Lumens per Lamp: N/A
Luminaire Lumens: 853.0 lumens
Efficiency: N/A
Efficacy: 40.2 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1257664

CATALOG NUMBER: P3AS17R159040DE010 E3DL1WH

Luminous Intensity Polar Plot



TEST NUMBER: P1257664

CATALOG NUMBER: P3AS17R159040DE010 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°	367843
5°	339973
10°	271427
15°	205018
20°	156114
25°	118967
30°	85228
35°	55626
40°	34092
45°	20622
50°	13714
55°	10590
60°	9122
65°	7887
70°	7117
75°	7032
80°	5304
85°	3522

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 20622 cd/sqm

TEST NUMBER: P1257664

CATALOG NUMBER: P3AS17R159040DE010 E3DL1WH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	136.8	16.0
10°-20°	252.4	29.6
20°-30°	224.7	26.3
30°-40°	133.0	15.6
40°-50°	54.6	6.4
50°-60°	25.6	3.0
60°-70°	15.6	1.8
70°-80°	8.2	1.0
80°-90°	2.1	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°	614.0	72.0
0°-40°	746.9	87.6
0°-60°	827.1	97.0
0°-90°	853.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	853.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1678	
5°	1544	137
15°	903	252
25°	492	225
35°	208	133
45°	66	55
55°	28	26
65°	15	16
75°	8	8
85°	1	2
90°	0	

TEST NUMBER: P1257664

CATALOG NUMBER: P3AS17R159040DE010 E3DL1WH

CANDELA DISTRIBUTION (FULL):

0°	
0°	1677.5
1°	1673.3
2°	1660.8
3°	1635.9
4°	1594.3
5°	1544.5
6°	1490.5
7°	1426.7
8°	1360.2
9°	1292.4
10°	1219.0
12.5°	1051.4
15°	903.1
17.5°	775.7
20°	669.0
22.5°	574.8
25°	491.7
27.5°	411.4
30°	336.6
32.5°	268.7
35°	207.8
37.5°	159.3
40°	119.1
42.5°	88.7
45°	66.5
47.5°	51.3
50°	40.2
52.5°	33.2
55°	27.7
57.5°	23.5
60°	20.8
62.5°	18.0
65°	15.2
67.5°	13.9
70°	11.1
72.5°	9.7
75°	8.3
77.5°	5.5
80°	4.2
82.5°	2.8
85°	1.4
87.5°	1.4
90°	0.0

(END OF REPORT)