

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: P1257955

Luminaire Tested: P3AS17R659040DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1257955
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-41)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS17R659040DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R65 optic, 4000K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

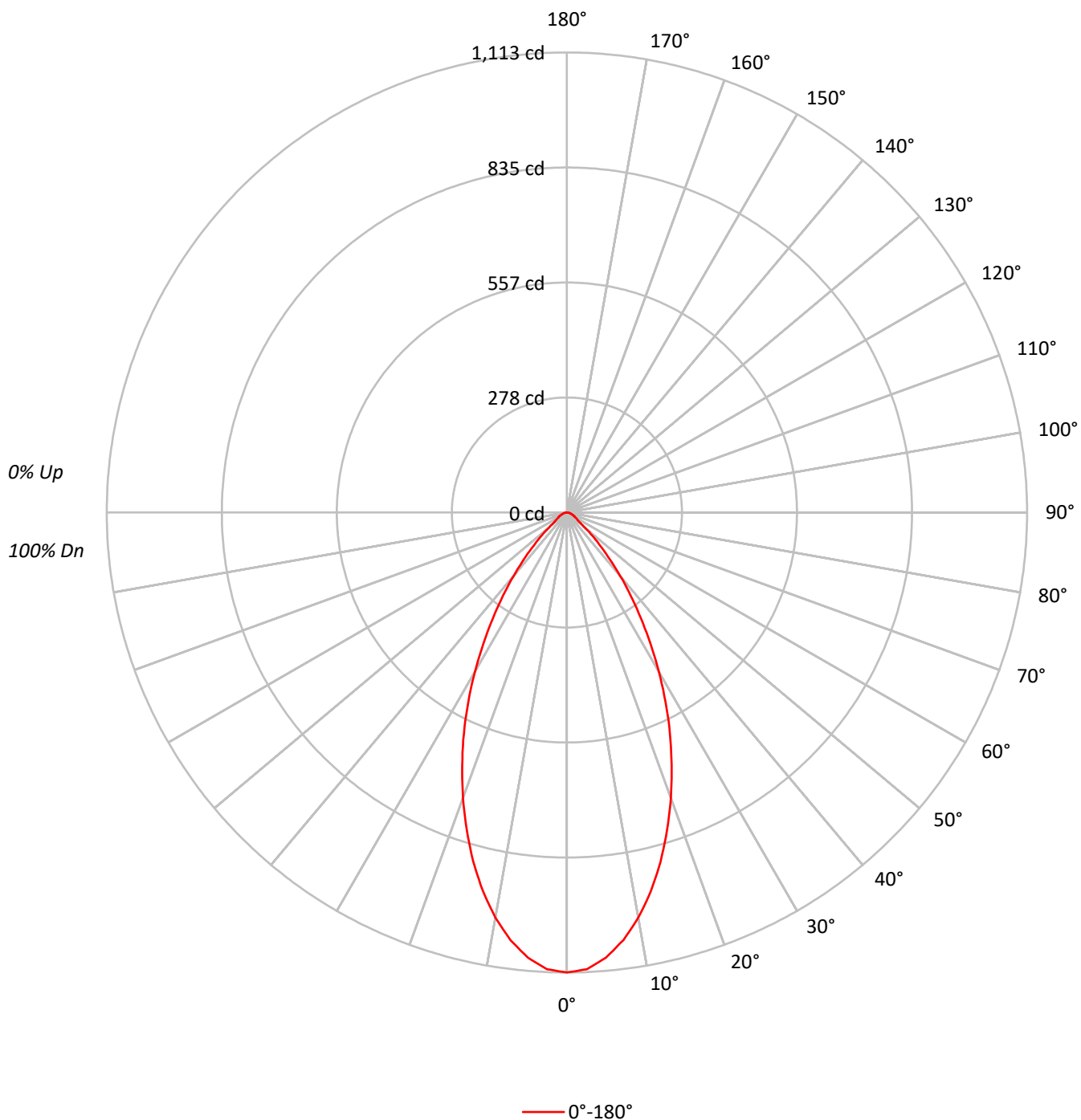
Lumens per Lamp: N/A
Luminaire Lumens: 960.0 lumens
Efficiency: N/A
Efficacy: 45.3 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1257955

CATALOG NUMBER: P3AS17R659040DE010 E3DL1WH

Luminous Intensity Polar Plot





TEST NUMBER: P1257955

CATALOG NUMBER: P3AS17R659040DE010 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	107	105	110	108	105	103	104	102	100		100	98	97		96
2	107	101	97	93	104	100	96	92	96	93	90		93	91	88		90
3	101	94	88	84	99	92	87	83	90	85	82		87	84	81		85
4	95	87	81	76	93	86	80	76	84	79	75		82	78	74		80
5	90	81	75	70	88	80	74	70	78	73	69		77	72	69		75
6	85	76	69	65	84	75	69	65	73	68	64		72	67	64		71
7	81	71	65	60	79	70	64	60	69	64	60		68	63	59		67
8	77	67	60	56	75	66	60	56	65	59	56		64	59	55		63
9	73	63	57	52	72	62	56	52	61	56	52		60	55	52		59
10	69	59	53	49	68	59	53	49	58	53	49		57	52	49		56

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	244016
5°	237948
10°	221595
15°	198571
20°	171492
25°	142653
30°	112498
35°	83359
40°	57450
45°	35632
50°	19343
55°	12157
60°	10306
65°	9340
70°	8014
75°	7032
80°	6945
85°	7045

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 35632 cd/sqm

TEST NUMBER: P1257955

CATALOG NUMBER: P3AS17R659040DE010 E3DL1WH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	100.5	10.5
10°-20°	243.1	25.3
20°-30°	268.8	28.0
30°-40°	195.3	20.3
40°-50°	91.5	9.5
50°-60°	30.8	3.2
60°-70°	17.8	1.9
70°-80°	9.3	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°	612.4	63.8
0°-40°	807.6	84.1
0°-60°	929.9	96.9
0°-90°	960.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	960.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1113	
5°	1081	100
15°	875	243
25°	590	269
35°	311	195
45°	115	91
55°	32	31
65°	18	18
75°	8	9
85°	3	3
90°	0	

TEST NUMBER: P1257955

CATALOG NUMBER: P3AS17R659040DE010 E3DL1WH

CANDELA DISTRIBUTION (FULL):

0°	
0°	1112.8
2.5°	1105.9
5°	1081.0
7.5°	1043.6
10°	995.2
12.5°	938.4
15°	874.7
17.5°	805.5
20°	734.9
22.5°	661.6
25°	589.6
27.5°	516.3
30°	444.3
32.5°	375.1
35°	311.4
37.5°	253.3
40°	200.7
42.5°	153.6
45°	114.9
47.5°	83.0
50°	56.7
52.5°	38.8
55°	31.8
57.5°	27.7
60°	23.5
62.5°	20.8
65°	18.0
67.5°	15.2
70°	12.5
72.5°	11.1
75°	8.3
77.5°	6.9
80°	5.5
82.5°	4.2
85°	2.8
87.5°	1.4
90°	0.0

(END OF REPORT)