

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: P1270750

Luminaire Tested: P3AS20R659740D010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1270750
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-42)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R659740D010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R65 optic, 4000K CCT AND, 97CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

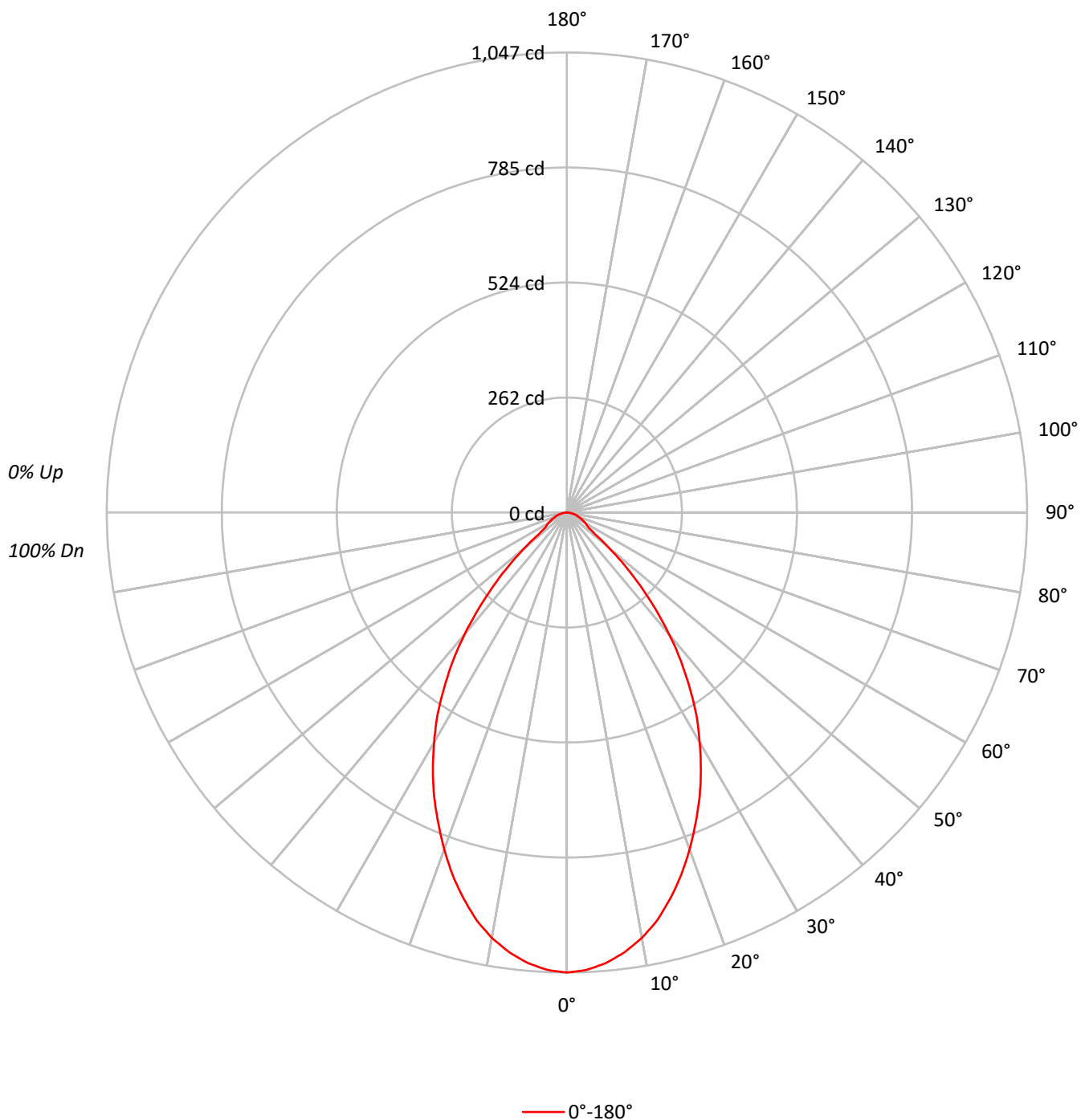
Lumens per Lamp: N/A
Luminaire Lumens: 1290.1 lumens
Efficiency: N/A
Efficacy: 44.8 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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: P1270750

CATALOG NUMBER: P3AS20R659740D010 E3DLD1LI

Luminous Intensity Polar Plot



TEST NUMBER: P1270750

CATALOG NUMBER: P3AS20R659740D010 E3DLD1LI

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	112	109	106	103	110	107	104	101	102	100	98		99	97	95		95
2	105	99	94	90	103	97	93	89	94	90	87		91	88	85		88
3	99	91	85	80	96	89	84	79	87	82	78		84	80	77		82
4	92	83	77	72	90	82	76	71	80	75	70		78	73	70		76
5	87	77	70	65	85	76	69	65	74	68	64		72	67	63		71
6	82	71	64	59	80	70	64	59	69	63	58		67	62	58		66
7	77	66	59	54	75	65	59	54	64	58	54		63	57	53		61
8	72	61	55	50	71	61	54	50	60	54	49		59	53	49		58
9	68	57	51	46	67	57	50	46	56	50	46		55	49	46		54
10	65	54	47	43	64	53	47	43	52	47	43		52	46	42		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	229565
5°	226480
10°	218878
15°	206426
20°	190393
25°	172824
30°	153062
35°	130259
40°	103651
45°	73155
50°	42472
55°	23168
60°	21533
65°	19561
70°	17888
75°	16691
80°	14522
85°	12328

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 73155 cd/sqm

TEST NUMBER: P1270750

CATALOG NUMBER: P3AS20R659740D010 E3DLD1LI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	96.8	7.5
10°-20°	254.4	19.7
20°-30°	326.9	25.3
30°-40°	302.4	23.4
40°-50°	182.6	14.2
50°-60°	62.3	4.8
60°-70°	37.5	2.9
70°-80°	21.2	1.6
80°-90°	6.0	0.5
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°	678.1	52.6
0°-40°	980.5	76.0
0°-60°	1225.3	95.0
0°-90°	1290.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1290.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1047	
5°	1029	97
15°	909	254
25°	714	327
35°	487	302
45°	236	183
55°	61	62
65°	38	37
75°	20	21
85°	5	6
90°	0	

TEST NUMBER: P1270750

CATALOG NUMBER: P3AS20R659740D010 E3DLD1LI

CANDELA DISTRIBUTION (FULL):

	0°
0°	1046.9
2.5°	1042.0
5°	1028.9
7.5°	1009.2
10°	983.0
12.5°	950.2
15°	909.3
17.5°	865.0
20°	815.9
22.5°	765.1
25°	714.3
27.5°	660.2
30°	604.5
32.5°	548.8
35°	486.6
37.5°	426.0
40°	362.1
42.5°	298.2
45°	235.9
47.5°	178.6
50°	124.5
52.5°	78.6
55°	60.6
57.5°	54.1
60°	49.1
62.5°	42.6
65°	37.7
67.5°	32.8
70°	27.9
72.5°	24.6
75°	19.7
77.5°	16.4
80°	11.5
82.5°	8.2
85°	4.9
87.5°	3.3
90°	0.0

(END OF REPORT)