

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: P1260610

Luminaire Tested: P3AS20R159050D010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260610
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R159050D010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R15 optic, 5000K CCT AND, 90CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

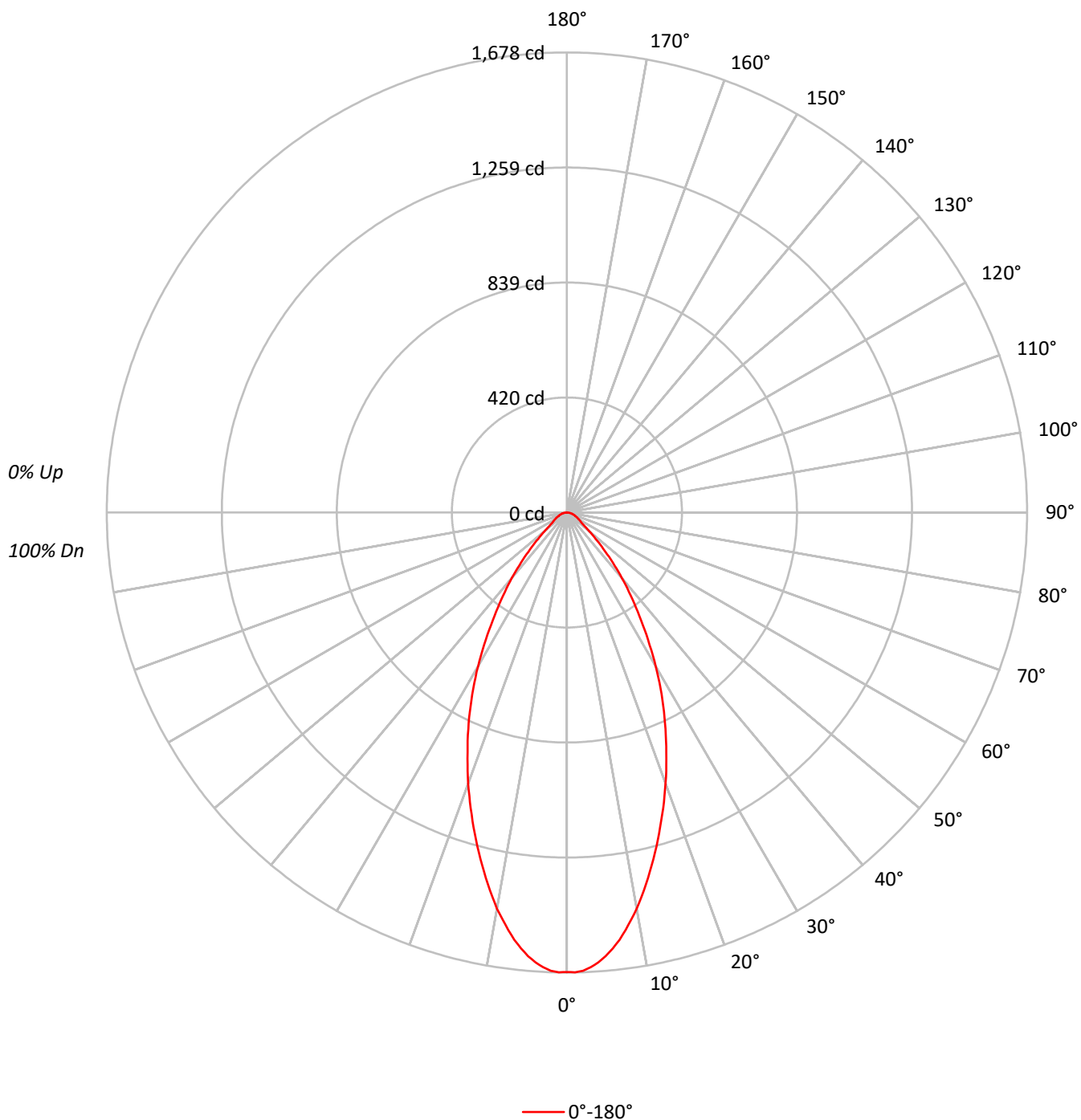
Lumens per Lamp: N/A
Luminaire Lumens: 1456.9 lumens
Efficiency: N/A
Efficacy: 50.6 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1260610

CATALOG NUMBER: P3AS20R159050D010 E3DLD1LI

Luminous Intensity Polar Plot



TEST NUMBER: P1260610

CATALOG NUMBER: P3AS20R159050D010 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	113	109	107	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	95	91	95	92	89		92	90	87		90
3	100	93	87	83	98	91	86	82	89	84	81		86	82	79		84
4	94	86	80	75	92	85	79	74	82	77	73		80	76	73		78
5	89	80	73	68	87	79	73	68	77	72	67		75	71	67		74
6	84	74	68	63	83	73	67	63	72	66	62		70	66	62		69
7	80	69	63	58	78	69	63	58	67	62	58		66	61	57		65
8	76	65	59	54	74	65	58	54	63	58	54		62	57	54		61
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		58
10	68	58	52	48	67	57	51	47	57	51	47		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	367514
5°	357538
10°	326736
15°	286199
20°	245511
25°	204980
30°	164051
35°	123031
40°	89282
45°	58394
50°	36536
55°	24697
60°	21840
65°	20132
70°	18913
75°	17199
80°	16290
85°	13838

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 58394 cd/sqm

TEST NUMBER: P1260610

CATALOG NUMBER: P3AS20R159050D010 E3DLD1LI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	149.9	10.3
10°-20°	351.3	24.1
20°-30°	387.0	26.6
30°-40°	289.8	19.9
40°-50°	150.2	10.3
50°-60°	62.3	4.3
60°-70°	38.6	2.6
70°-80°	21.7	1.5
80°-90°	6.2	0.4
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°	888.2	61.0
0°-40°	1178.0	80.9
0°-60°	1390.5	95.4
0°-90°	1456.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1456.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1676	
5°	1624	150
15°	1261	351
25°	847	387
35°	460	290
45°	188	150
55°	65	62
65°	39	39
75°	20	22
85°	6	6
90°	0	

TEST NUMBER: P1260610

CATALOG NUMBER: P3AS20R159050D010 E3DLD1LI

CANDELA DISTRIBUTION (FULL):

0°	
0°	1676.0
1°	1677.8
2°	1672.3
3°	1661.2
4°	1644.6
5°	1624.3
6°	1598.5
7°	1570.8
8°	1537.5
9°	1502.5
10°	1467.4
12.5°	1365.9
15°	1260.7
17.5°	1155.5
20°	1052.1
22.5°	946.9
25°	847.2
27.5°	747.5
30°	647.9
32.5°	550.0
35°	459.6
37.5°	382.1
40°	311.9
42.5°	247.3
45°	188.3
47.5°	142.1
50°	107.1
52.5°	79.4
55°	64.6
57.5°	57.2
60°	49.8
62.5°	44.3
65°	38.8
67.5°	33.2
70°	29.5
72.5°	24.0
75°	20.3
77.5°	16.6
80°	12.9
82.5°	9.2
85°	5.5
87.5°	1.8
90°	0.0

(END OF REPORT)