

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: P1255538

Luminaire Tested: P3AS20R559035D010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255538
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-34)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R559035D010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R55 optic, 3500K CCT AND, 90CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

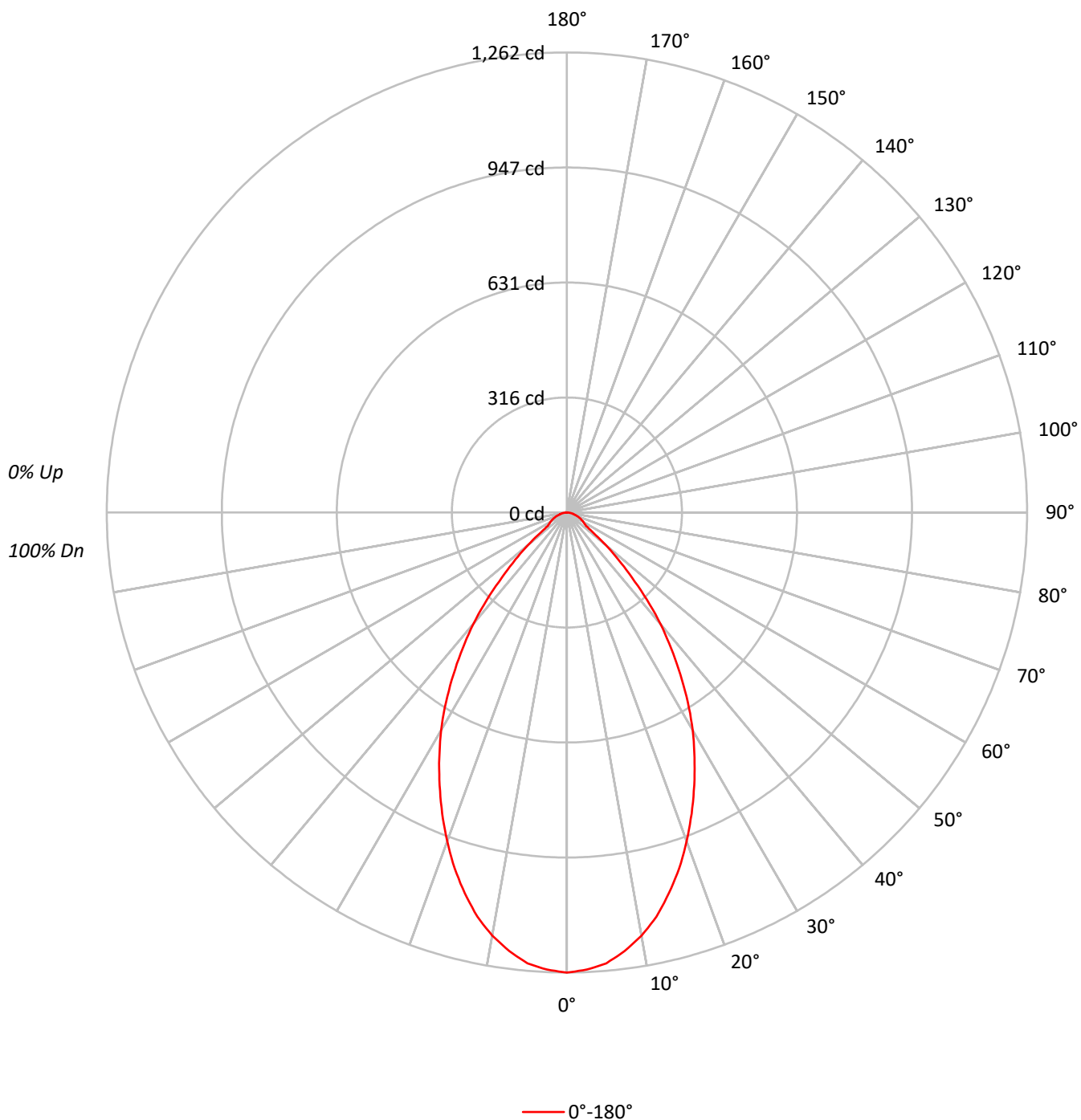
Lumens per Lamp: N/A
Luminaire Lumens: 1472.0 lumens
Efficiency: N/A
Efficacy: 51.1 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1255538

CATALOG NUMBER: P3AS20R559035D010 E3DLD1H

Luminous Intensity Polar Plot





TEST NUMBER: P1255538

CATALOG NUMBER: P3AS20R559035D010 E3DLD1H

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	102	103	100	98		99	97	95		95
2	105	100	95	91	103	98	93	90	94	91	88		91	88	86		89
3	99	91	85	81	97	90	84	80	87	82	79		85	81	77		82
4	93	84	77	72	91	83	77	72	80	75	71		78	74	70		76
5	87	77	71	66	85	76	70	65	75	69	65		73	68	64		71
6	82	72	65	60	80	71	64	60	69	64	59		68	63	59		66
7	77	67	60	55	76	66	59	55	65	59	54		63	58	54		62
8	73	62	55	51	72	62	55	51	60	55	50		59	54	50		58
9	69	58	51	47	68	58	51	47	57	51	47		56	50	46		55
10	65	55	48	44	64	54	48	44	53	47	43		52	47	43		52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	276776
5°	273233
10°	262453
15°	245495
20°	223949
25°	199802
30°	174761
35°	145196
40°	114472
45°	77651
50°	47453
55°	24582
60°	22893
65°	21637
70°	20067
75°	17707
80°	17553
85°	13083

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 77651 cd/sqm

TEST NUMBER: P1255538

CATALOG NUMBER: P3AS20R559035D010 E3DLD1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	116.4	7.9
10°-20°	302.2	20.5
20°-30°	378.5	25.7
30°-40°	337.9	23.0
40°-50°	197.8	13.4
50°-60°	68.3	4.6
60°-70°	41.3	2.8
70°-80°	22.9	1.6
80°-90°	6.6	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°	797.1	54.2
0°-40°	1135.0	77.1
0°-60°	1401.2	95.2
0°-90°	1472.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1472.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1262	
5°	1241	116
15°	1081	302
25°	826	378
35°	542	338
45°	250	198
55°	64	68
65°	42	41
75°	21	23
85°	5	7
90°	0	

TEST NUMBER: P1255538

CATALOG NUMBER: P3AS20R559035D010 E3DLD1H

CANDELA DISTRIBUTION (FULL):

	0°
0°	1262.2
2.5°	1255.2
5°	1241.3
7.5°	1213.5
10°	1178.7
12.5°	1135.3
15°	1081.4
17.5°	1024.0
20°	959.7
22.5°	893.6
25°	825.8
27.5°	758.0
30°	690.2
32.5°	617.2
35°	542.4
37.5°	469.4
40°	399.9
42.5°	325.1
45°	250.4
47.5°	191.2
50°	139.1
52.5°	90.4
55°	64.3
57.5°	57.4
60°	52.2
62.5°	46.9
65°	41.7
67.5°	36.5
70°	31.3
72.5°	26.1
75°	20.9
77.5°	17.4
80°	13.9
82.5°	8.7
85°	5.2
87.5°	3.5
90°	0.0

(END OF REPORT)