

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: P1255535

Luminaire Tested: P3AS20R559035D010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255535
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-33)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R559035D010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R55 optic, 3500K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

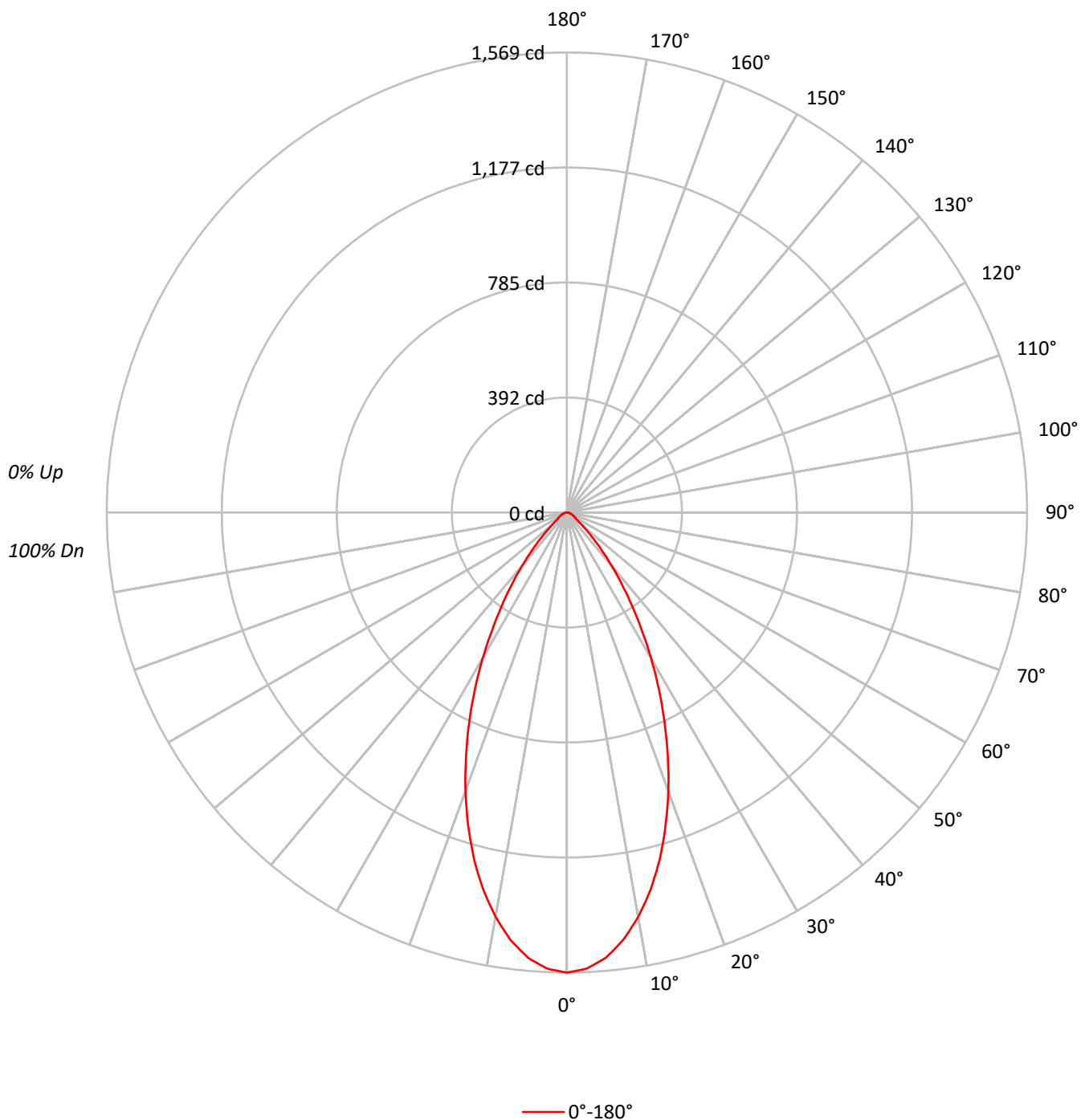
Lumens per Lamp: N/A
Luminaire Lumens: 1265.0 lumens
Efficiency: N/A
Efficacy: 43.9 lumens/watt
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.8
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1255535

CATALOG NUMBER: P3AS20R559035D010 E3DL1WH

Luminous Intensity Polar Plot



TEST NUMBER: P1255535

CATALOG NUMBER: P3AS20R559035D010 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		97
2	107	102	97	94	105	100	96	93	97	93	91		94	91	89		91
3	101	94	89	85	99	93	88	84	90	86	83		88	84	81		85
4	96	88	82	77	94	87	81	77	84	80	76		82	78	75		80
5	91	82	76	71	89	81	75	71	79	74	70		77	73	70		76
6	86	77	70	66	84	76	70	66	74	69	65		73	68	65		72
7	82	72	66	61	80	71	65	61	70	65	61		69	64	60		68
8	78	68	62	57	76	67	61	57	66	61	57		65	60	57		64
9	74	64	58	54	73	63	58	54	62	57	53		62	57	53		61
10	70	60	55	51	69	60	54	50	59	54	50		58	54	50		58

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	344117
5°	335482
10°	311885
15°	277754
20°	236037
25°	190487
30°	145212
35°	103276
40°	68156
45°	40407
50°	23709
55°	14604
60°	12938
65°	11726
70°	10002
75°	8811
80°	8840
85°	8806

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 40407 cd/sqm

TEST NUMBER: P1255535

CATALOG NUMBER: P3AS20R559035D010 E3DL1WH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	141.5	11.2
10°-20°	339.2	26.8
20°-30°	359.3	28.4
30°-40°	242.8	19.2
40°-50°	106.4	8.4
50°-60°	38.1	3.0
60°-70°	22.3	1.8
70°-80°	11.7	0.9
80°-90°	3.8	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°	840.0	66.4
0°-40°	1082.7	85.6
0°-60°	1227.2	97.0
0°-90°	1265.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1265.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1569	
5°	1524	142
15°	1224	339
25°	787	359
35°	386	243
45°	130	106
55°	38	38
65°	23	22
75°	10	12
85°	4	4
90°	0	

TEST NUMBER: P1255535

CATALOG NUMBER: P3AS20R559035D010 E3DL1WH

CANDELA DISTRIBUTION (FULL):

0°	
0°	1569.3
2.5°	1557.1
5°	1524.1
7.5°	1470.3
10°	1400.7
12.5°	1317.3
15°	1223.5
17.5°	1119.2
20°	1011.5
22.5°	898.5
25°	787.3
27.5°	677.8
30°	573.5
32.5°	474.4
35°	385.8
37.5°	305.9
40°	238.1
42.5°	179.0
45°	130.3
47.5°	95.6
50°	69.5
52.5°	48.7
55°	38.2
57.5°	34.8
60°	29.5
62.5°	26.1
65°	22.6
67.5°	19.1
70°	15.6
72.5°	13.9
75°	10.4
77.5°	8.7
80°	7.0
82.5°	5.2
85°	3.5
87.5°	1.7
90°	0.0

(END OF REPORT)