

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: P1255622

Luminaire Tested: P3AS20R709035D010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255622
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-45)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R709035D010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R70 optic, 3500K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

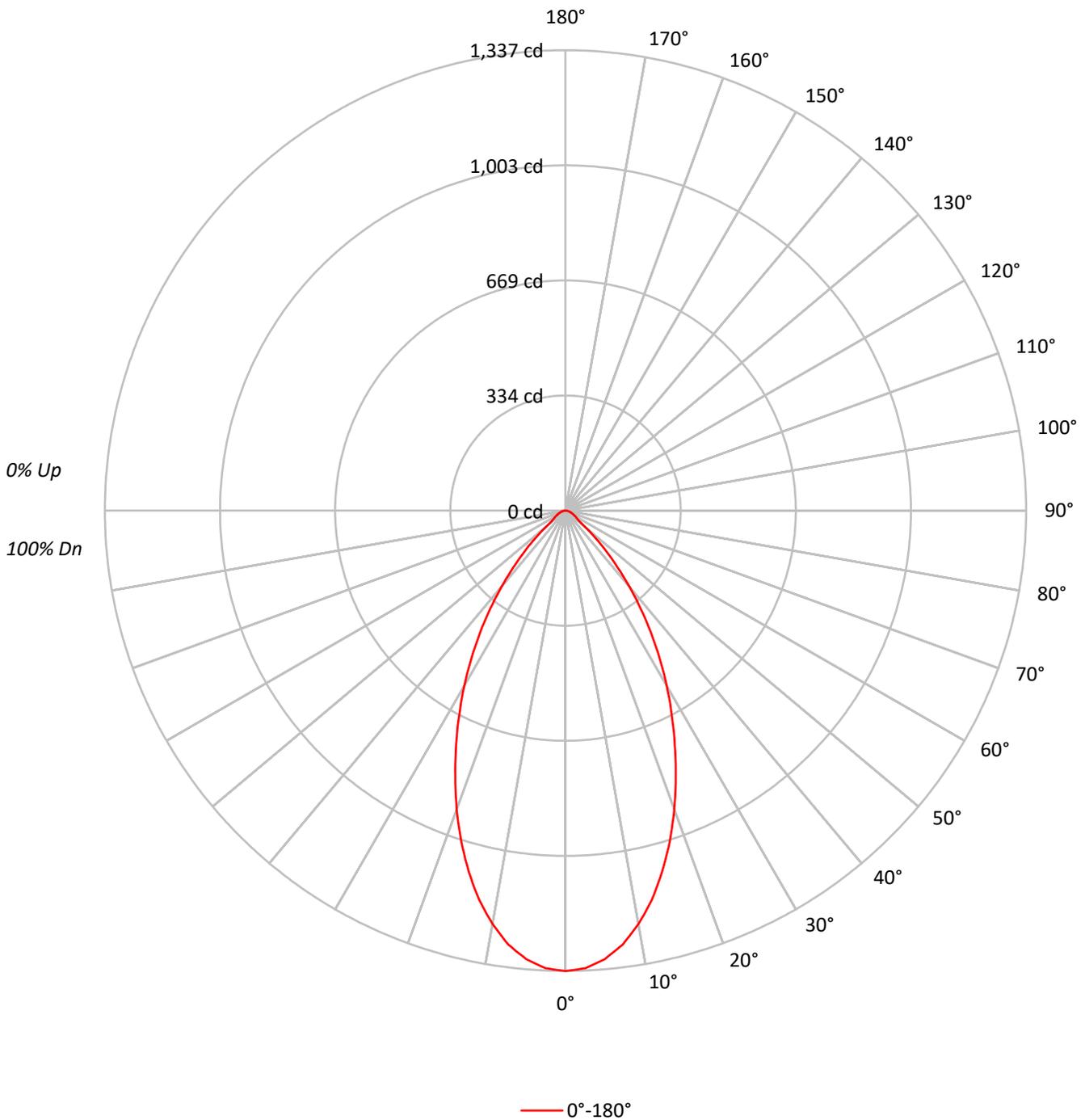
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1250.0 lumens
Efficiency: N/A
Efficacy: 43.4 lumens/watt
Spacing Criteria (0/90/45): 0.82 / 0.82 / 0.87
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: P1255622
CATALOG NUMBER: P3AS20R709035D010 E3DL1WH

Luminous Intensity Polar Plot





TEST NUMBER: P1255622
 CATALOG NUMBER: P3AS20R709035D010 E3DL1WH

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				
RC	80				70				50				30				10			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100			100
1	113	110	107	104	110	107	105	103	103	101	100	100	98	97	96	95	94	92			92
2	106	101	97	93	104	99	95	92	96	93	90	93	90	88	90	88	86	84			84
3	100	93	88	83	98	92	87	83	89	85	81	87	83	80	84	81	79	77			77
4	95	86	80	76	93	85	80	75	83	78	74	81	77	73	79	76	73	71			71
5	89	80	74	69	88	79	73	69	78	72	68	76	71	68	74	70	67	65			65
6	85	75	68	64	83	74	68	64	73	67	63	71	66	63	70	65	62	61			61
7	80	70	64	59	79	69	63	59	68	62	58	67	62	58	66	61	58	56			56
8	76	66	59	55	75	65	59	55	64	58	54	63	58	54	62	57	54	52			52
9	72	62	55	51	71	61	55	51	60	55	51	59	54	51	58	54	50	49			49
10	69	58	52	48	67	58	52	48	57	51	48	56	51	48	55	51	47	46			46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	293200
5°	287805
10°	271404
15°	246312
20°	215455
25°	181728
30°	148808
35°	115429
40°	82612
45°	52316
50°	26097
55°	15942
60°	13727
65°	12608
70°	11156
75°	10336
80°	8840
85°	8806

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 52316 cd/sqm



TEST NUMBER: P1255622
 CATALOG NUMBER: P3AS20R709035D010 E3DL1WH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	122.0	9.8
10°-20°	301.9	24.2
20°-30°	343.8	27.5
30°-40°	268.9	21.5
40°-50°	132.1	10.6
50°-60°	40.6	3.2
60°-70°	24.1	1.9
70°-80°	12.8	1.0
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°	767.7	61.4
0°-40°	1036.6	82.9
0°-60°	1209.3	96.7
0°-90°	1250.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1250.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1337	
5°	1308	122
15°	1085	302
25°	751	344
35°	431	269
45°	169	132
55°	42	41
65°	24	24
75°	12	13
85°	4	4
90°	0	



TEST NUMBER: P1255622
CATALOG NUMBER: P3AS20R709035D010 E3DL1WH

CANDELA DISTRIBUTION (FULL):

	0°
0°	1337.1
2.5°	1330.1
5°	1307.5
7.5°	1271.0
10°	1218.9
12.5°	1158.0
15°	1085.0
17.5°	1006.7
20°	923.3
22.5°	836.3
25°	751.1
27.5°	667.7
30°	587.7
32.5°	507.7
35°	431.2
37.5°	358.2
40°	288.6
42.5°	224.3
45°	168.7
47.5°	118.2
50°	76.5
52.5°	50.4
55°	41.7
57.5°	36.5
60°	31.3
62.5°	27.8
65°	24.3
67.5°	20.9
70°	17.4
72.5°	13.9
75°	12.2
77.5°	10.4
80°	7.0
82.5°	5.2
85°	3.5
87.5°	1.7
90°	0.0

(END OF REPORT)