

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: P1255477

Luminaire Tested: P3AS20R459035D010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1255477
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-25)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS20R459035D010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R45 optic, 3500K CCT AND, 90CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

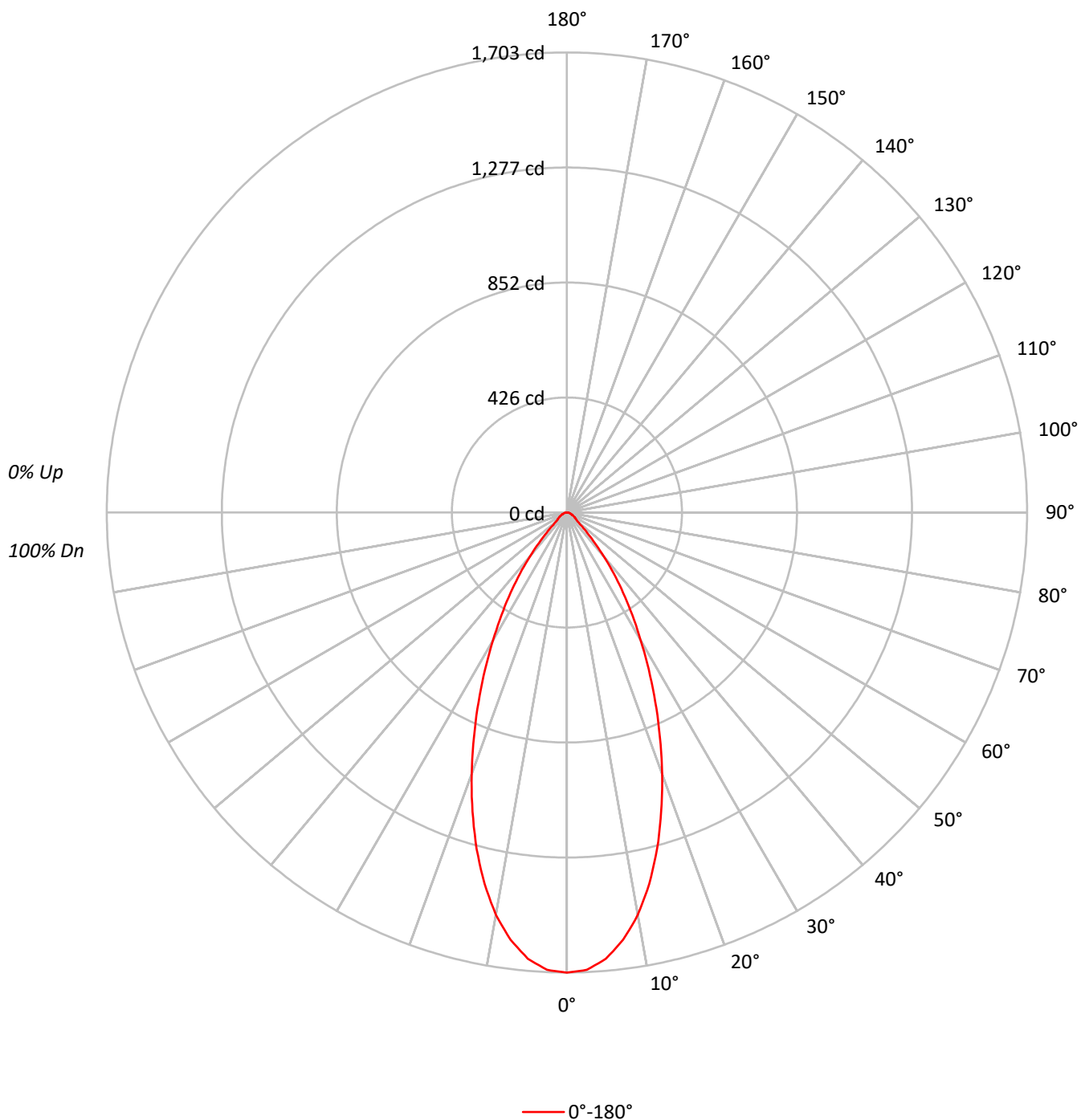
Lumens per Lamp: N/A
Luminaire Lumens: 1254.1 lumens
Efficiency: N/A
Efficacy: 43.5 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.76
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1255477

CATALOG NUMBER: P3AS20R459035D010 E3DL1WH

Luminous Intensity Polar Plot



TEST NUMBER: P1255477

CATALOG NUMBER: P3AS20R459035D010 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	111	108	106	103	104	102	100		100	99	97		97
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		91
3	102	95	90	85	100	93	89	85	91	87	83		88	85	82		86
4	96	88	83	78	94	87	82	78	85	81	77		83	79	76		81
5	91	83	77	72	90	82	76	72	80	75	71		78	74	71		77
6	87	78	72	67	85	77	71	67	75	70	66		74	69	66		73
7	83	73	67	63	81	72	67	63	71	66	62		70	65	62		69
8	79	69	63	59	77	68	63	59	67	62	58		66	62	58		65
9	75	65	59	55	74	65	59	55	64	59	55		63	58	55		62
10	72	62	56	52	71	61	56	52	61	55	52		60	55	52		59

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	373523
5°	365000
10°	336712
15°	292783
20°	240518
25°	187148
30°	138198
35°	97253
40°	60714
45°	32872
50°	17773
55°	15292
60°	13727
65°	11726
70°	10002
75°	10336
80°	8840
85°	8806

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 32872 cd/sqm

TEST NUMBER: P1255477

CATALOG NUMBER: P3AS20R459035D010 E3DL1WH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	153.6	12.2
10°-20°	356.5	28.4
20°-30°	354.0	28.2
30°-40°	228.0	18.2
40°-50°	87.8	7.0
50°-60°	35.7	2.8
60°-70°	22.5	1.8
70°-80°	12.2	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°	864.1	68.9
0°-40°	1092.0	87.1
0°-60°	1215.6	96.9
0°-90°	1254.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1254.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1703	
5°	1658	154
15°	1290	357
25°	774	354
35°	363	228
45°	106	88
55°	40	36
65°	23	23
75°	12	12
85°	4	4
90°	0	

TEST NUMBER: P1255477

CATALOG NUMBER: P3AS20R459035D010 E3DL1WH

CANDELA DISTRIBUTION (FULL):

0°	
0°	1703.4
2.5°	1694.7
5°	1658.2
7.5°	1595.6
10°	1512.2
12.5°	1407.9
15°	1289.7
17.5°	1161.1
20°	1030.7
22.5°	898.6
25°	773.5
27.5°	655.3
30°	545.8
32.5°	450.2
35°	363.3
37.5°	285.1
40°	212.1
42.5°	153.0
45°	106.0
47.5°	71.3
50°	52.1
52.5°	43.5
55°	40.0
57.5°	34.8
60°	31.3
62.5°	26.1
65°	22.6
67.5°	19.1
70°	15.6
72.5°	13.9
75°	12.2
77.5°	8.7
80°	7.0
82.5°	5.2
85°	3.5
87.5°	1.7
90°	0.0

(END OF REPORT)