

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: P1275171

Luminaire Tested: P3AS02R509835DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275171
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-29)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R509835DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R50 optic, 3500K CCT AND, 98CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

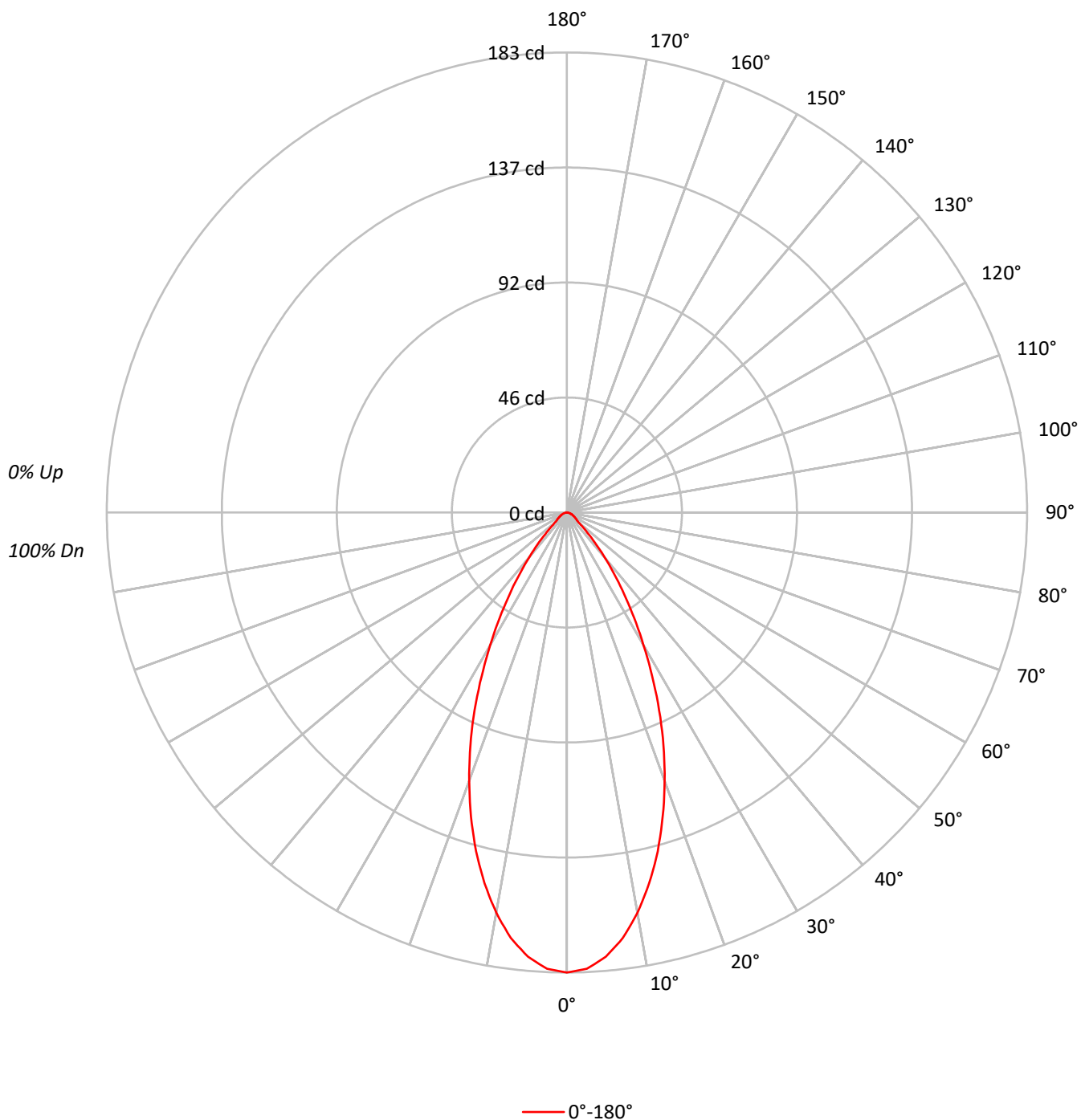
Lumens per Lamp: N/A
Luminaire Lumens: 138.0 lumens
Efficiency: N/A
Efficacy: 38.3 lumens/watt
Spacing Criteria (0/90/45): 0.75 / 0.75 / 0.77
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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: P1275171

CATALOG NUMBER: P3AS02R509835DE010 E3DL1WH

Luminous Intensity Polar Plot



TEST NUMBER: P1275171

CATALOG NUMBER: P3AS02R509835DE010 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	101	95	89	85	99	93	88	85	91	87	83		88	85	82		86
4	96	88	82	78	94	87	82	78	85	80	77		83	79	76		81
5	91	83	76	72	90	82	76	72	80	75	71		78	74	70		77
6	87	77	71	67	85	77	71	67	75	70	66		74	69	66		72
7	82	73	67	62	81	72	66	62	71	66	62		70	65	61		68
8	78	69	63	58	77	68	62	58	67	62	58		66	61	58		65
9	75	65	59	55	74	64	59	55	63	58	55		63	58	54		62
10	71	61	56	52	70	61	55	52	60	55	51		59	55	51		59

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	40128
5°	39049
10°	36005
15°	31669
20°	26509
25°	21001
30°	15420
35°	10601
40°	6727
45°	3752
50°	2047
55°	1720
60°	1491
65°	1349
70°	1218
75°	1101
80°	884
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 3752 cd/sqm

TEST NUMBER: P1275171

CATALOG NUMBER: P3AS02R509835DE010 E3DL1WH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.4	11.9
10°-20°	38.6	28.0
20°-30°	39.5	28.6
30°-40°	25.1	18.2
40°-50°	10.0	7.2
50°-60°	4.0	2.9
60°-70°	2.6	1.9
70°-80°	1.3	1.0
80°-90°	0.4	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°	94.6	68.6
0°-40°	119.7	86.7
0°-60°	133.7	96.9
0°-90°	138.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	138.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	183	
5°	177	16
15°	140	39
25°	87	40
35°	40	25
45°	12	10
55°	4	4
65°	3	3
75°	1	1
85°	0	0
90°	0	

TEST NUMBER: P1275171

CATALOG NUMBER: P3AS02R509835DE010 E3DL1WH

CANDELA DISTRIBUTION (FULL):

0°	
0°	183.0
2.5°	181.7
5°	177.4
7.5°	170.7
10°	161.7
12.5°	151.1
15°	139.5
17.5°	126.8
20°	113.6
22.5°	100.3
25°	86.8
27.5°	73.4
30°	60.9
32.5°	49.7
35°	39.6
37.5°	31.0
40°	23.5
42.5°	17.4
45°	12.1
47.5°	8.2
50°	6.0
52.5°	5.0
55°	4.5
57.5°	3.9
60°	3.4
62.5°	3.0
65°	2.6
67.5°	2.2
70°	1.9
72.5°	1.5
75°	1.3
77.5°	0.9
80°	0.7
82.5°	0.6
85°	0.4
87.5°	0.2
90°	0.0

(END OF REPORT)