

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: P1271002

Luminaire Tested: P3AS02R459827DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1271002
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: P3AS02R459827DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R45 optic, 2700K CCT AND, 98CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

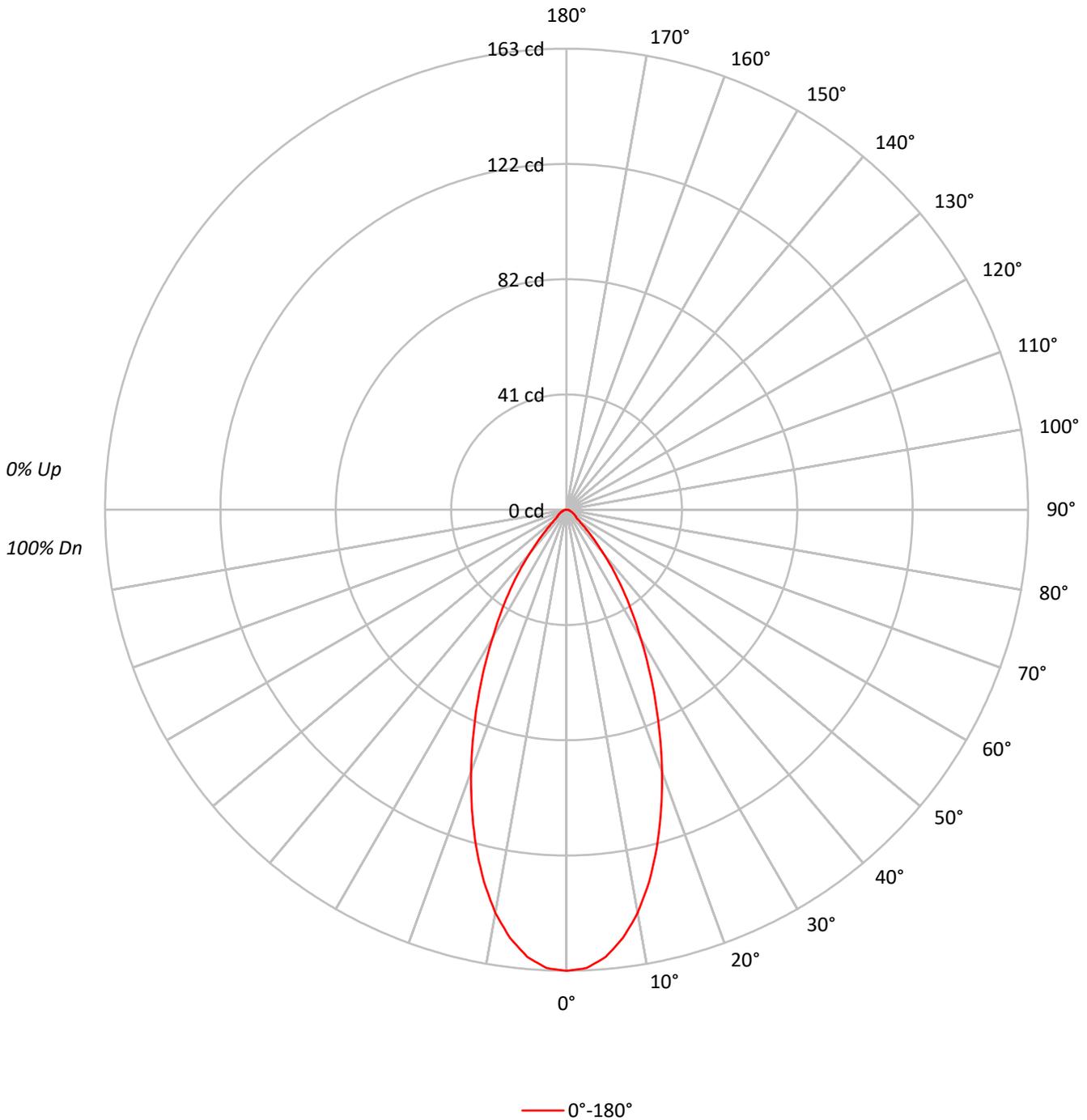
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 120.0 lumens
Efficiency: N/A
Efficacy: 33.3 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): 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: P1271002
CATALOG NUMBER: P3AS02R459827DE010 E3DL1WH

Luminous Intensity Polar Plot





TEST NUMBER: P1271002
 CATALOG NUMBER: P3AS02R459827DE010 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			
1	113	110	107	105	111	108	106	103	104	102	100	100	99	97	97	96	94	93			
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	86			
3	102	95	90	85	100	93	89	85	91	87	83	88	85	82	86	83	81	79			
4	96	88	83	78	94	87	82	78	85	81	77	83	79	76	81	78	75	74			
5	91	83	77	72	90	82	76	72	80	75	71	78	74	71	77	73	70	69			
6	87	78	72	67	85	77	71	67	75	70	66	74	69	66	73	69	66	64			
7	83	73	67	63	81	72	67	63	71	66	62	70	65	62	69	65	61	60			
8	79	69	63	59	77	68	63	59	67	62	58	66	62	58	65	61	58	56			
9	75	65	59	55	74	65	59	55	64	59	55	63	58	55	62	58	55	53			
10	72	62	56	52	71	61	56	52	61	55	52	60	55	52	59	55	52	50			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	35743
5°	34933
10°	32219
15°	28014
20°	23009
25°	17904
30°	13217
35°	9316
40°	5811
45°	3132
50°	1706
55°	1453
60°	1316
65°	1141
70°	962
75°	1017
80°	884
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 3132 cd/sqm



TEST NUMBER: P1271002
 CATALOG NUMBER: P3AS02R459827DE010 E3DL1WH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	14.7	12.2
10°-20°	34.1	28.4
20°-30°	33.9	28.2
30°-40°	21.8	18.2
40°-50°	8.4	7.0
50°-60°	3.4	2.8
60°-70°	2.2	1.8
70°-80°	1.2	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°	82.7	68.9
0°-40°	104.5	87.1
0°-60°	116.3	96.9
0°-90°	120.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	120.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	163	
5°	159	15
15°	123	34
25°	74	34
35°	35	22
45°	10	8
55°	4	3
65°	2	2
75°	1	1
85°	0	0
90°	0	



TEST NUMBER: P1271002
CATALOG NUMBER: P3AS02R459827DE010 E3DL1WH

CANDELA DISTRIBUTION (FULL):

	0°
0°	163.0
2.5°	162.2
5°	158.7
7.5°	152.7
10°	144.7
12.5°	134.7
15°	123.4
17.5°	111.1
20°	98.6
22.5°	86.0
25°	74.0
27.5°	62.7
30°	52.2
32.5°	43.1
35°	34.8
37.5°	27.3
40°	20.3
42.5°	14.6
45°	10.1
47.5°	6.8
50°	5.0
52.5°	4.2
55°	3.8
57.5°	3.3
60°	3.0
62.5°	2.5
65°	2.2
67.5°	1.8
70°	1.5
72.5°	1.3
75°	1.2
77.5°	0.8
80°	0.7
82.5°	0.5
85°	0.3
87.5°	0.2
90°	0.0

(END OF REPORT)