

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: P1286004

Luminaire Tested: P3AS02R159030D2WDE010 E3DL1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1286004
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-3)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R159030D2WDE010 E3DL1H
Description: 3in Adjustable Dim to Warm LED luminaire with, R15 optic, 3000K CCT AND, 90CRI , E3DL1H TRIM
Light Source: -
Ballast/Driver: -

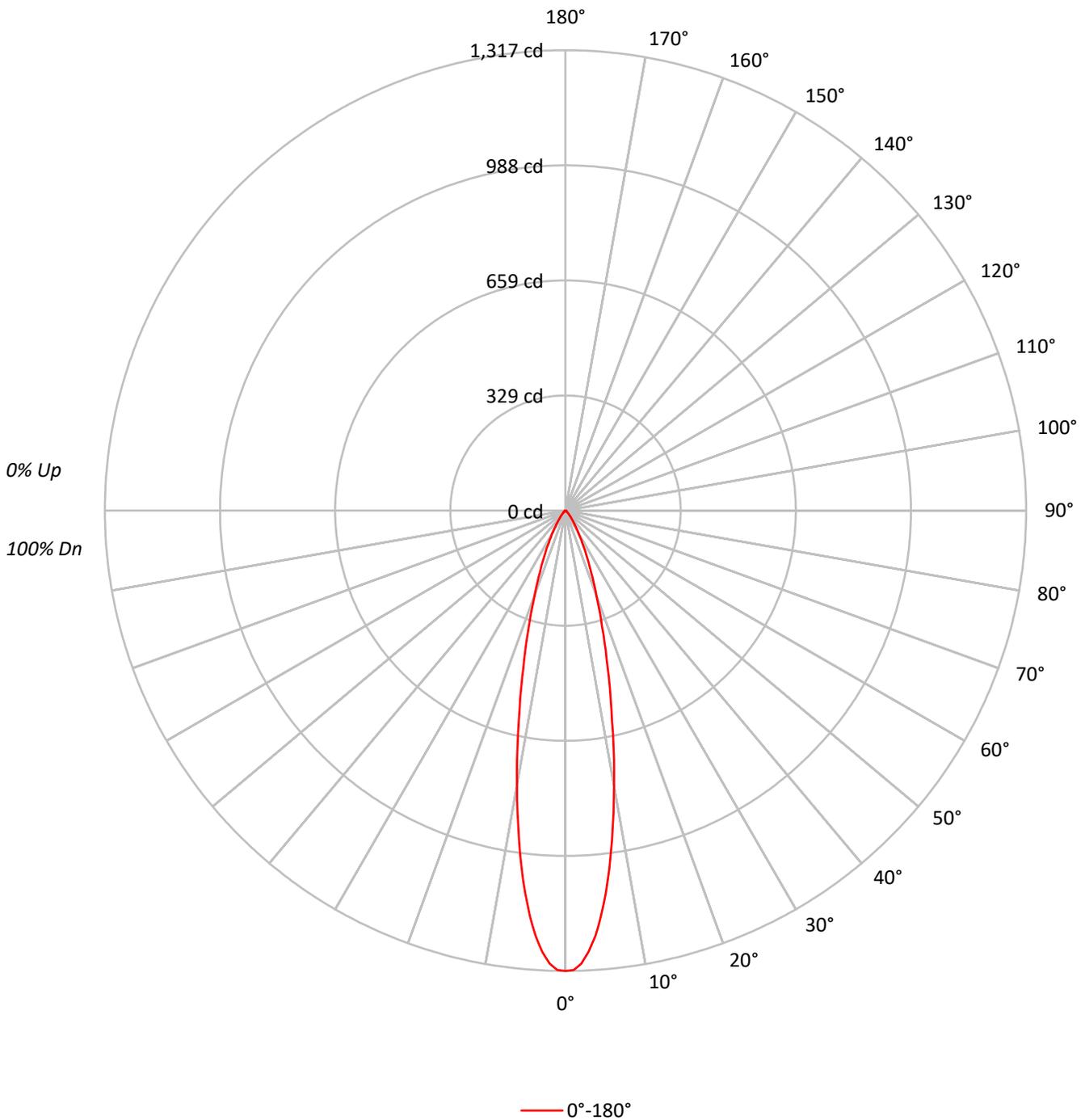
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 338.0 lumens
Efficiency: N/A
Efficacy: 47.0 lumens/watt
Spacing Criteria (0/90/45): 0.4 / 0.4 / 0.43
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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: P1286004
CATALOG NUMBER: P3AS02R159030D2WDE010 E3DL1H

Luminous Intensity Polar Plot





TEST NUMBER: P1286004
 CATALOG NUMBER: P3AS02R159030D2WDE010 E3DL1H

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	102	102	102	100
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	97	98	97	95
2	110	106	103	100	108	104	101	99	101	99	97	98	96	95	96	94	93	93	96	94	91
3	106	101	97	93	104	99	96	93	97	94	91	94	92	90	92	90	88	88	92	90	87
4	102	96	92	88	100	95	91	88	93	89	87	91	88	86	89	87	85	85	89	87	83
5	98	92	87	84	97	91	87	83	89	85	83	88	84	82	86	83	81	81	86	83	80
6	95	88	83	80	94	87	83	80	86	82	79	85	81	79	83	80	78	78	83	80	77
7	92	85	80	77	91	84	80	76	83	79	76	82	78	76	81	78	75	75	81	78	74
8	89	81	77	74	88	81	77	73	80	76	73	79	75	73	78	75	73	73	78	75	72
9	86	79	74	71	85	78	74	71	77	73	71	77	73	70	76	73	70	70	76	73	69
10	84	76	71	68	83	76	71	68	75	71	68	74	71	68	74	70	68	68	74	70	67

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	288749
5°	256306
10°	177997
15°	105267
20°	59949
25°	34260
30°	18965
35°	10119
40°	5582
45°	3039
50°	1876
55°	1491
60°	1272
65°	1193
70°	1026
75°	1101
80°	884
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 3039 cd/sqm



TEST NUMBER: P1286004

CATALOG NUMBER: P3AS02R159030D2WDE010 E3DL1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	99.0	29.3
10°-20°	130.7	38.7
20°-30°	67.3	19.9
30°-40°	25.3	7.5
40°-50°	8.3	2.4
50°-60°	3.6	1.1
60°-70°	2.3	0.7
70°-80°	1.3	0.4
80°-90°	0.4	0.1
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°	297.0	87.9
0°-40°	322.2	95.3
0°-60°	334.1	98.8
0°-90°	338.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	338.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1317	
5°	1164	99
15°	464	131
25°	142	67
35°	38	25
45°	10	8
55°	4	4
65°	2	2
75°	1	1
85°	0	0
90°	0	



TEST NUMBER: P1286004
CATALOG NUMBER: P3AS02R159030D2WDE010 E3DL1H

CANDELA DISTRIBUTION (FULL):

0°	
0°	1316.8
1°	1314.2
2°	1296.9
3°	1264.0
4°	1220.7
5°	1164.4
6°	1100.6
7°	1030.6
8°	952.7
9°	875.9
10°	799.4
12.5°	615.1
15°	463.7
17.5°	347.1
20°	256.9
22.5°	191.8
25°	141.6
27.5°	103.2
30°	74.9
32.5°	53.1
35°	37.8
37.5°	27.0
40°	19.5
42.5°	14.0
45°	9.8
47.5°	7.2
50°	5.5
52.5°	4.6
55°	3.9
57.5°	3.3
60°	2.9
62.5°	2.6
65°	2.3
67.5°	2.0
70°	1.6
72.5°	1.6
75°	1.3
77.5°	1.0
80°	0.7
82.5°	0.7
85°	0.3
87.5°	0.0
90°	0.0

(END OF REPORT)