

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: P1248162

Luminaire Tested: P3AS02R459027DE010 E3DLP1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1248162
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: P3AS02R459027DE010 E3DLP1LI
Description: 3in Adjustable LED luminaire with, R45 optic, 2700K CCT AND, 90CRI , E3DLP1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

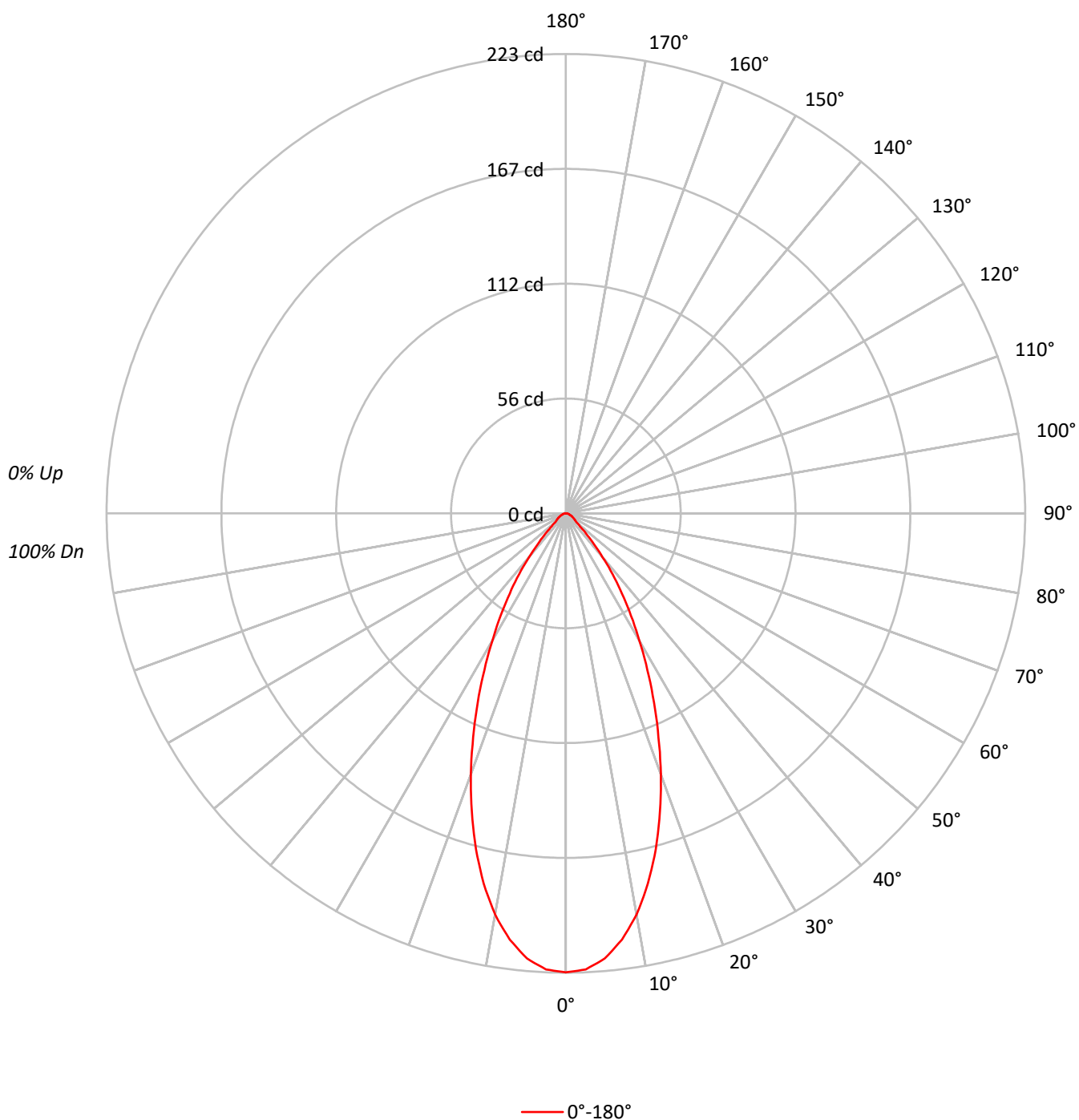
Lumens per Lamp: N/A
Luminaire Lumens: 164.0 lumens
Efficiency: N/A
Efficacy: 45.6 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.76
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1248162

CATALOG NUMBER: P3AS02R459027DE010 E3DLP1LI

Luminous Intensity Polar Plot



TEST NUMBER: P1248162

CATALOG NUMBER: P3AS02R459027DE010 E3DLP1LI

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°	48856
5°	47744
10°	44043
15°	38298
20°	31456
25°	24485
30°	18079
35°	12715
40°	7929
45°	4311
50°	2320
55°	1988
60°	1798
65°	1557
70°	1282
75°	1356
80°	1137
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 4311 cd/sqm

TEST NUMBER: P1248162

CATALOG NUMBER: P3AS02R459027DE010 E3DLP1LI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	20.1	12.2
10°-20°	46.6	28.4
20°-30°	46.3	28.2
30°-40°	29.8	18.2
40°-50°	11.5	7.0
50°-60°	4.7	2.8
60°-70°	3.0	1.8
70°-80°	1.6	1.0
80°-90°	0.5	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°	113.0	68.9
0°-40°	142.8	87.1
0°-60°	159.0	96.9
0°-90°	164.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	164.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	223	
5°	217	20
15°	169	47
25°	101	46
35°	48	30
45°	14	11
55°	5	5
65°	3	3
75°	2	2
85°	0	1
90°	0	

TEST NUMBER: P1248162

CATALOG NUMBER: P3AS02R459027DE010 E3DLP1LI

CANDELA DISTRIBUTION (FULL):

	0°
0°	222.8
2.5°	221.6
5°	216.9
7.5°	208.7
10°	197.8
12.5°	184.1
15°	168.7
17.5°	151.8
20°	134.8
22.5°	117.5
25°	101.2
27.5°	85.7
30°	71.4
32.5°	58.9
35°	47.5
37.5°	37.3
40°	27.7
42.5°	20.0
45°	13.9
47.5°	9.3
50°	6.8
52.5°	5.7
55°	5.2
57.5°	4.5
60°	4.1
62.5°	3.4
65°	3.0
67.5°	2.5
70°	2.0
72.5°	1.8
75°	1.6
77.5°	1.1
80°	0.9
82.5°	0.7
85°	0.5
87.5°	0.2
90°	0.0

(END OF REPORT)