

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: P1261578

Luminaire Tested: P3AS02R459727DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261578
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: P3AS02R459727DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R45 optic, 2700K CCT AND, 97CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

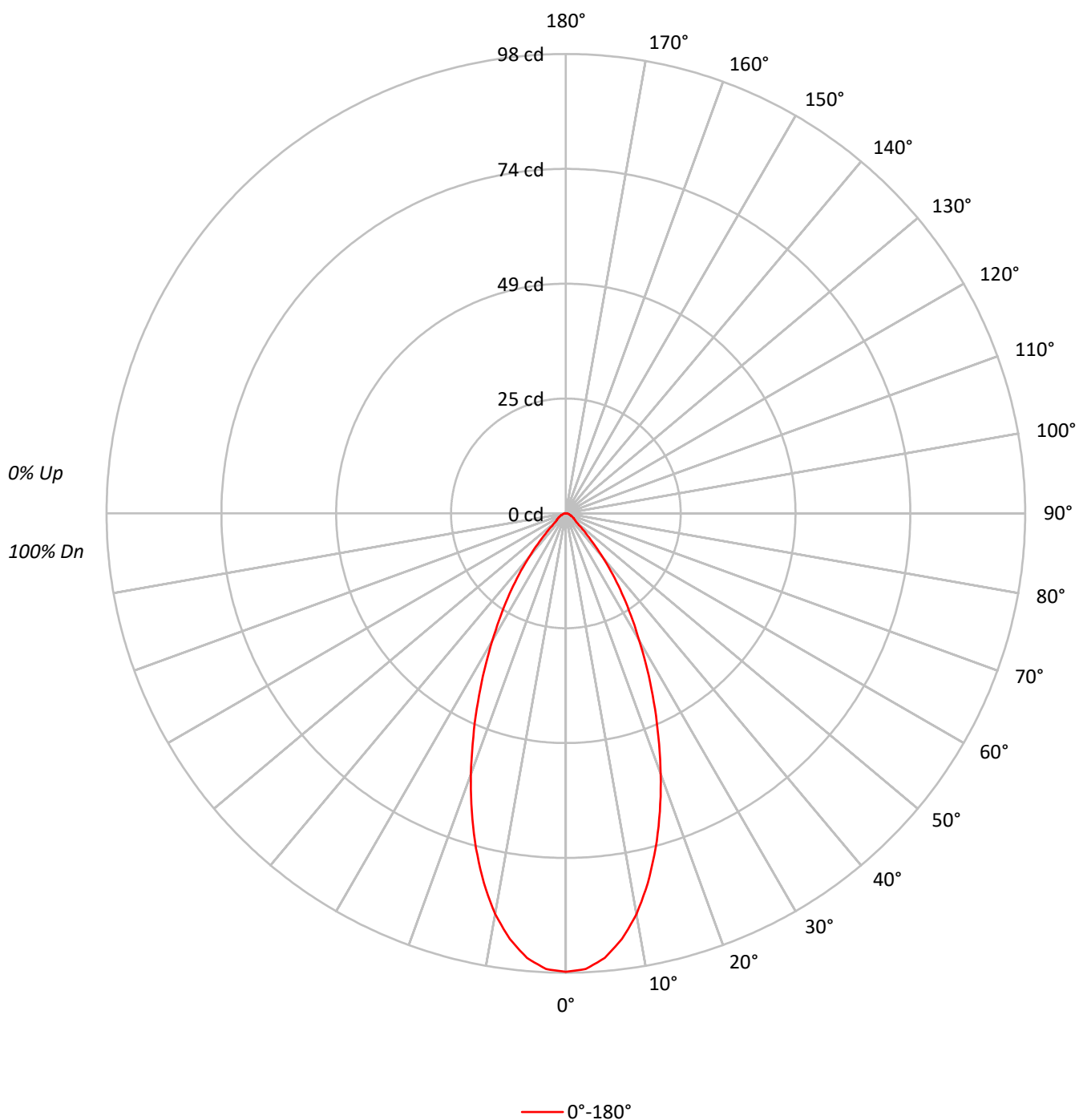
Lumens per Lamp: N/A
Luminaire Lumens: 72.0 lumens
Efficiency: N/A
Efficacy: 20.0 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.76
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1261578

CATALOG NUMBER: P3AS02R459727DE010 E3DLP1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1261578

CATALOG NUMBER: P3AS02R459727DE010 E3DLP1GPH

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	62	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°	21446
5°	20955
10°	19327
15°	16799
20°	13815
25°	10743
30°	7925
35°	5595
40°	3492
45°	1892
50°	1023
55°	879
60°	789
65°	675
70°	577
75°	593
80°	505
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 1892 cd/sqm

TEST NUMBER: P1261578

CATALOG NUMBER: P3AS02R459727DE010 E3DLP1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.8	12.2
10°-20°	20.5	28.4
20°-30°	20.3	28.2
30°-40°	13.1	18.2
40°-50°	5.1	7.0
50°-60°	2.1	2.9
60°-70°	1.3	1.8
70°-80°	0.7	1.0
80°-90°	0.2	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°	49.6	68.9
0°-40°	62.7	87.1
0°-60°	69.8	96.9
0°-90°	72.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	72.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	98	
5°	95	9
15°	74	20
25°	44	20
35°	21	13
45°	6	5
55°	2	2
65°	1	1
75°	1	1
85°	0	0
90°	0	

TEST NUMBER: P1261578

CATALOG NUMBER: P3AS02R459727DE010 E3DLP1GPH

CANDELA DISTRIBUTION (FULL):

	0°
0°	97.8
2.5°	97.3
5°	95.2
7.5°	91.6
10°	86.8
12.5°	80.8
15°	74.0
17.5°	66.7
20°	59.2
22.5°	51.6
25°	44.4
27.5°	37.6
30°	31.3
32.5°	25.8
35°	20.9
37.5°	16.4
40°	12.2
42.5°	8.8
45°	6.1
47.5°	4.1
50°	3.0
52.5°	2.5
55°	2.3
57.5°	2.0
60°	1.8
62.5°	1.5
65°	1.3
67.5°	1.1
70°	0.9
72.5°	0.8
75°	0.7
77.5°	0.5
80°	0.4
82.5°	0.3
85°	0.2
87.5°	0.1
90°	0.0

(END OF REPORT)