

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: P1261688

Luminaire Tested: P3AS02R659727DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1261688
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-42)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R659727DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R65 optic, 2700K CCT AND, 97CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

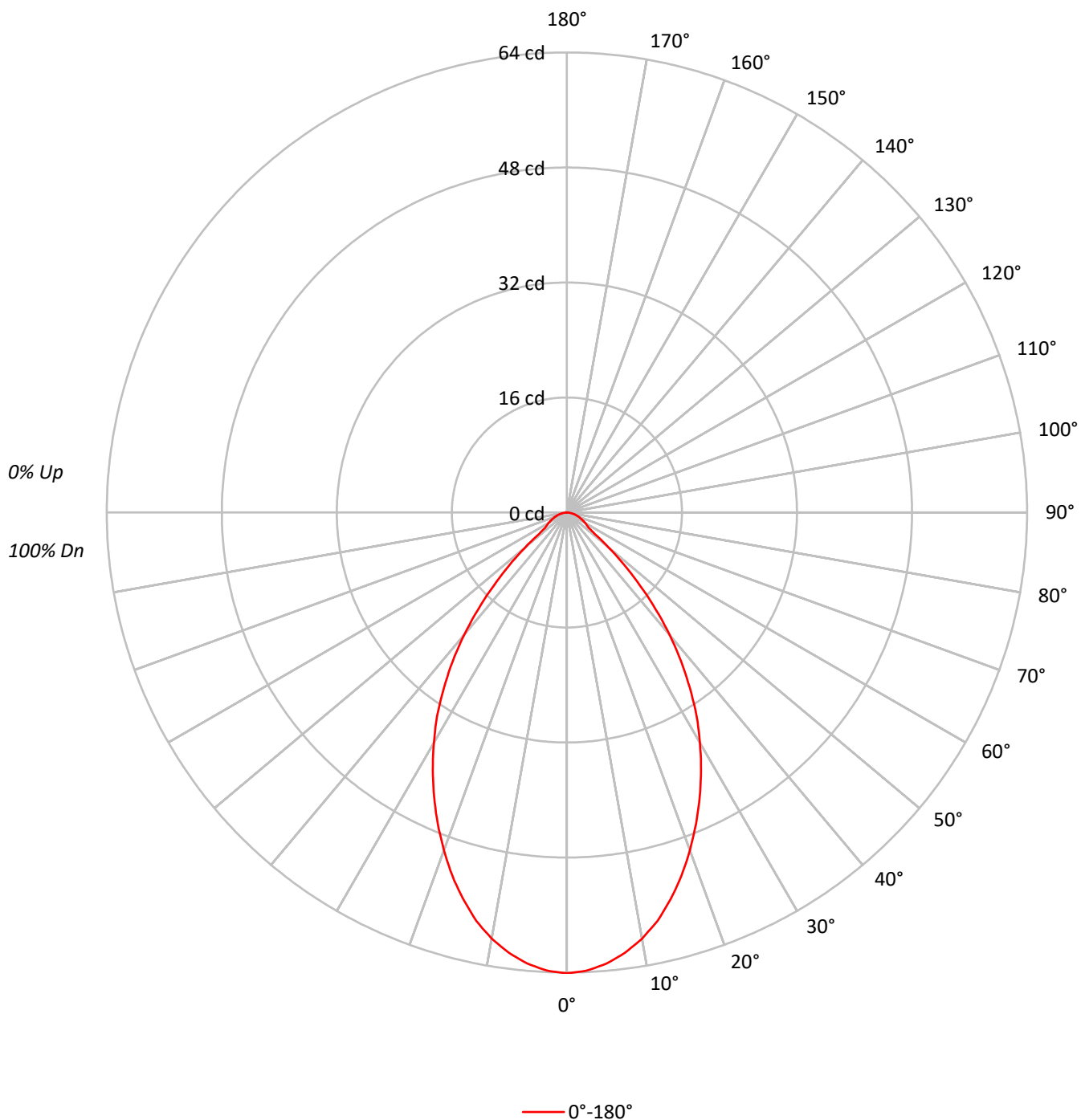
Lumens per Lamp: N/A
Luminaire Lumens: 79.0 lumens
Efficiency: N/A
Efficacy: 21.9 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1261688

CATALOG NUMBER: P3AS02R659727DE010 E3DLD1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1261688

CATALOG NUMBER: P3AS02R659727DE010 E3DLD1GPH

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	112	109	106	103	110	107	104	101	102	100	98		99	97	95		95
2	105	99	94	90	103	98	93	89	94	90	87		91	88	85		88
3	99	91	85	80	96	89	84	79	87	82	78		84	80	77		82
4	92	83	77	72	91	82	76	71	80	75	71		78	73	70		76
5	87	77	70	65	85	76	69	65	74	68	64		72	67	63		71
6	82	71	64	59	80	70	64	59	69	63	58		67	62	58		66
7	77	66	59	54	75	65	59	54	64	58	54		63	57	53		61
8	72	61	55	50	71	61	54	50	60	54	49		59	53	49		58
9	68	57	51	46	67	57	50	46	56	50	46		55	50	46		54
10	65	54	47	43	64	53	47	43	52	47	43		52	46	42		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	14056
5°	13867
10°	13404
15°	12645
20°	11668
25°	10573
30°	9369
35°	7977
40°	6355
45°	4466
50°	2593
55°	1415
60°	1316
65°	1193
70°	1090
75°	1017
80°	884
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 4466 cd/sqm

TEST NUMBER: P1261688

CATALOG NUMBER: P3AS02R659727DE010 E3DLD1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5.9	7.5
10°-20°	15.6	19.7
20°-30°	20.0	25.3
30°-40°	18.5	23.5
40°-50°	11.2	14.1
50°-60°	3.8	4.8
60°-70°	2.3	2.9
70°-80°	1.3	1.6
80°-90°	0.4	0.5
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°	41.5	52.6
0°-40°	60.0	76.0
0°-60°	75.0	95.0
0°-90°	79.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	79.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	64	
5°	63	6
15°	56	16
25°	44	20
35°	30	19
45°	14	11
55°	4	4
65°	2	2
75°	1	1
85°	0	0
90°	0	

TEST NUMBER: P1261688

CATALOG NUMBER: P3AS02R659727DE010 E3DLD1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	64.1
2.5°	63.8
5°	63.0
7.5°	61.8
10°	60.2
12.5°	58.2
15°	55.7
17.5°	53.0
20°	50.0
22.5°	46.9
25°	43.7
27.5°	40.4
30°	37.0
32.5°	33.6
35°	29.8
37.5°	26.1
40°	22.2
42.5°	18.3
45°	14.4
47.5°	10.9
50°	7.6
52.5°	4.8
55°	3.7
57.5°	3.3
60°	3.0
62.5°	2.6
65°	2.3
67.5°	2.0
70°	1.7
72.5°	1.5
75°	1.2
77.5°	1.0
80°	0.7
82.5°	0.5
85°	0.3
87.5°	0.2
90°	0.0

(END OF REPORT)