

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: P1271039

Luminaire Tested: P3AS02R509827DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1271039
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-29)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R509827DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R50 optic, 2700K CCT AND, 98CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

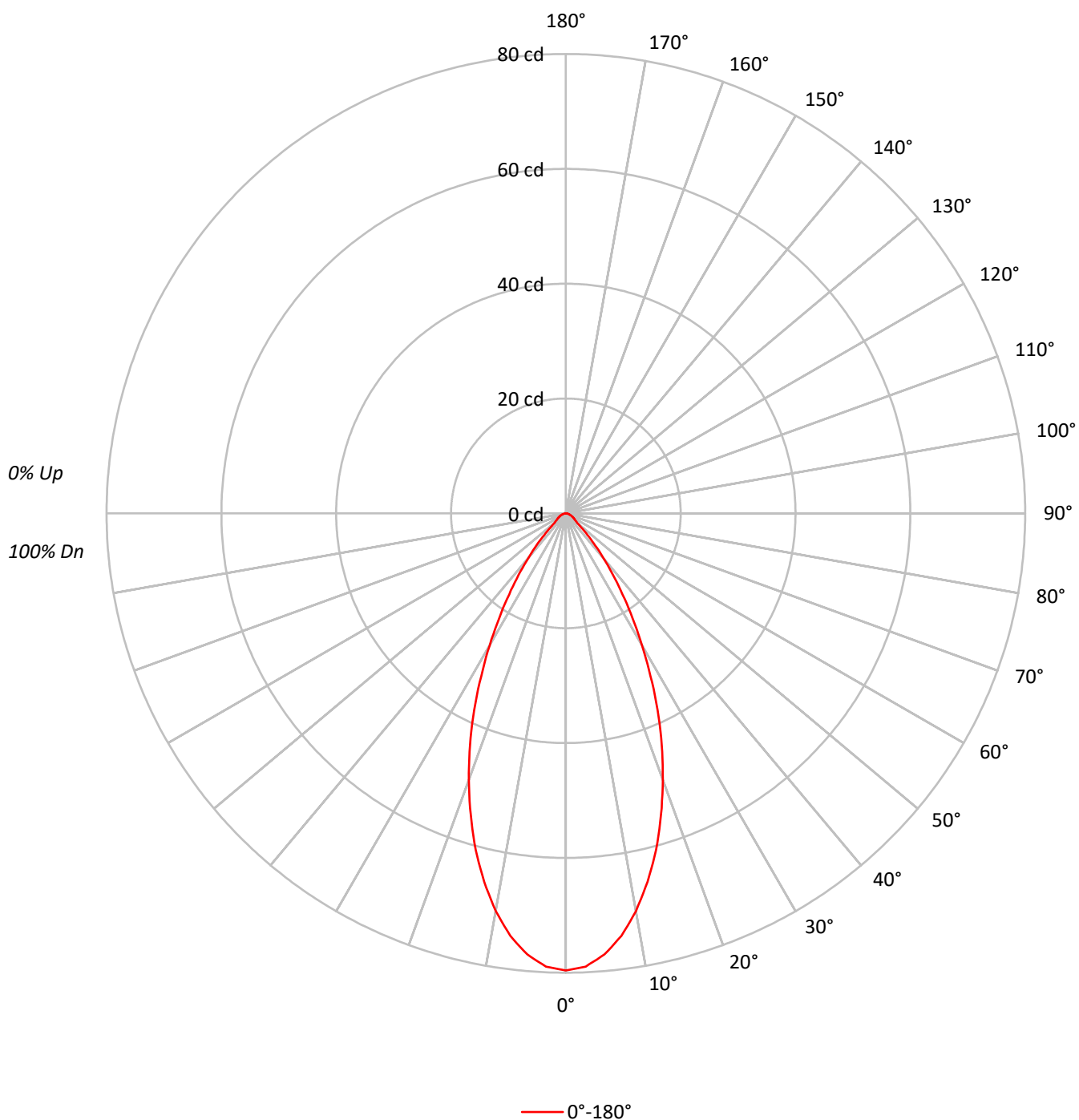
Lumens per Lamp: N/A
Luminaire Lumens: 60.0 lumens
Efficiency: N/A
Efficacy: 16.7 lumens/watt
Spacing Criteria (0/90/45): 0.75 / 0.75 / 0.77
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1271039

CATALOG NUMBER: P3AS02R509827DE010 E3DLP1GPH

Luminous Intensity Polar Plot





TEST NUMBER: P1271039

CATALOG NUMBER: P3AS02R509827DE010 E3DLP1GPH

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20					20					20					20					20
RC	80					70					30					10					0
RW	70	50	30	10		70	50	30	10		50	30	10		50	30	10		50	30	10
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	113	110	107	105		111	108	106	103		104	102	100		100	99	97		97	95	94
2	107	102	98	94		105	100	96	93		97	94	91		94	91	89		91	89	87
3	101	95	89	85		99	93	88	85		91	87	83		88	85	82		86	83	81
4	96	88	82	78		94	87	82	78		85	80	77		83	79	76		81	78	75
5	91	83	76	72		90	82	76	72		80	75	71		78	74	70		77	73	70
6	87	77	71	67		85	77	71	67		75	70	66		74	69	66		72	68	65
7	82	73	67	62		81	72	66	62		71	66	62		70	65	61		68	64	61
8	78	69	63	58		77	68	62	58		67	62	58		66	61	58		65	61	57
9	75	65	59	55		74	64	59	55		63	58	55		63	58	54		62	57	54
10	71	61	56	52		70	61	55	52		60	55	51		59	55	51		59	54	51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	17455
5°	16971
10°	15653
15°	13780
20°	11528
25°	9146
30°	6710
35°	4604
40°	2920
45°	1644
50°	887
55°	726
60°	658
65°	571
70°	513
75°	508
80°	379
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 1644 cd/sqm

TEST NUMBER: P1271039

CATALOG NUMBER: P3AS02R509827DE010 E3DLP1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	7.1	11.9
10°-20°	16.8	28.0
20°-30°	17.2	28.6
30°-40°	10.9	18.2
40°-50°	4.4	7.3
50°-60°	1.8	2.9
60°-70°	1.1	1.9
70°-80°	0.6	0.9
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°	41.1	68.6
0°-40°	52.0	86.7
0°-60°	58.1	96.9
0°-90°	60.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	60.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	80	
5°	77	7
15°	61	17
25°	38	17
35°	17	11
45°	5	4
55°	2	2
65°	1	1
75°	1	1
85°	0	0
90°	0	

TEST NUMBER: P1271039

CATALOG NUMBER: P3AS02R509827DE010 E3DLP1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	79.6
2.5°	79.0
5°	77.1
7.5°	74.2
10°	70.3
12.5°	65.7
15°	60.7
17.5°	55.1
20°	49.4
22.5°	43.6
25°	37.8
27.5°	31.9
30°	26.5
32.5°	21.6
35°	17.2
37.5°	13.5
40°	10.2
42.5°	7.6
45°	5.3
47.5°	3.6
50°	2.6
52.5°	2.2
55°	1.9
57.5°	1.7
60°	1.5
62.5°	1.3
65°	1.1
67.5°	1.0
70°	0.8
72.5°	0.6
75°	0.6
77.5°	0.4
80°	0.3
82.5°	0.2
85°	0.2
87.5°	0.1
90°	0.0

(END OF REPORT)