

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: P1273799

Luminaire Tested: P3A09R509830DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1273799
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: P3A09R509830DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R50 optic, 3000K CCT AND, 98CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

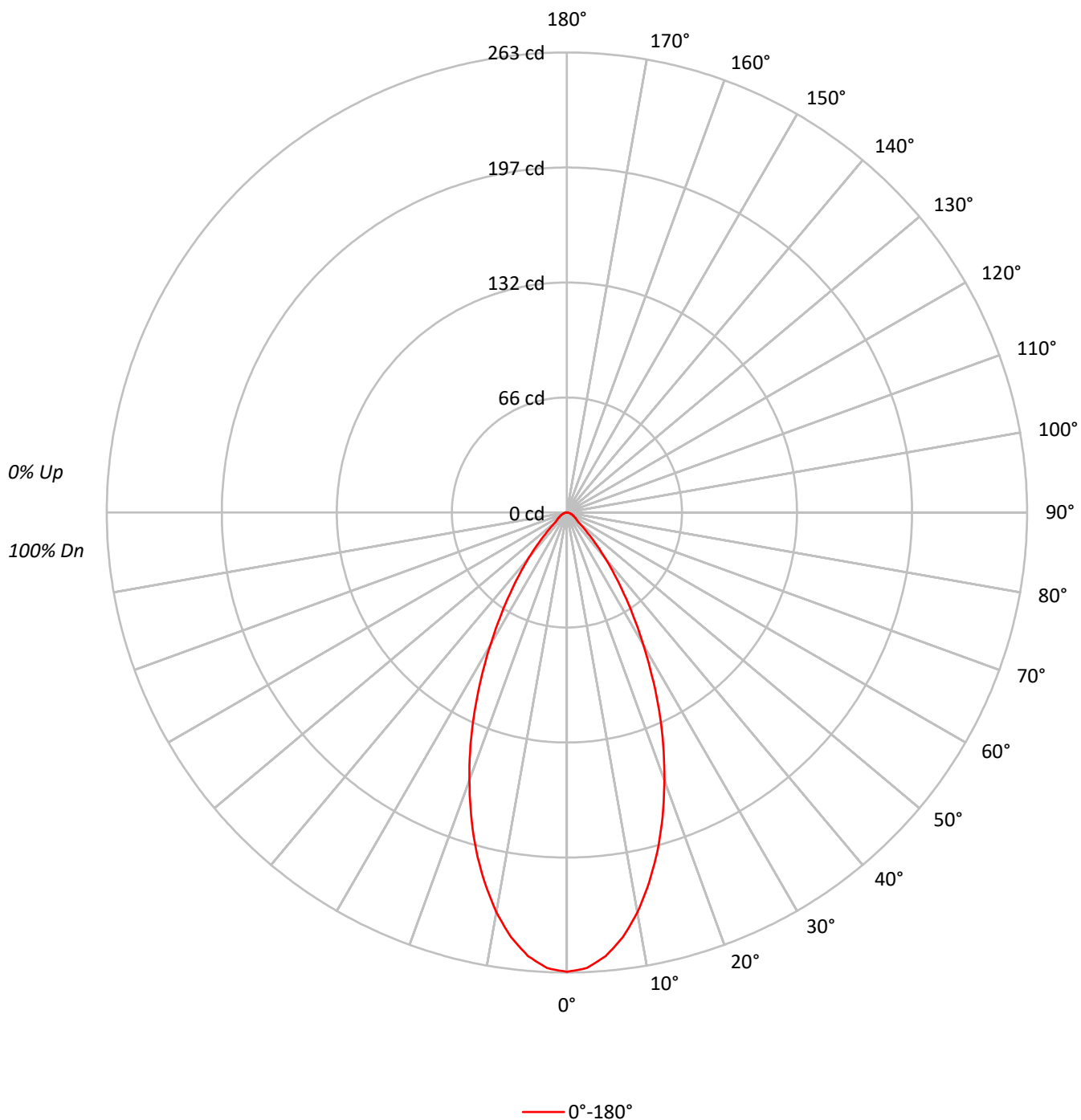
Lumens per Lamp: N/A
Luminaire Lumens: 198.0 lumens
Efficiency: N/A
Efficacy: 18.0 lumens/watt
Spacing Criteria (0/90/45): 0.75 / 0.75 / 0.77
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11
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: P1273799

CATALOG NUMBER: P3A09R509830DE010 E3DLP1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1273799

CATALOG NUMBER: P3A09R509830DE010 E3DLP1GPH

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				0
RW	70	50	30	10	70	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		100
1	113	110	107	105	111	108	106	103	104	102	100		100	99	97		93
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		85
3	101	95	89	85	99	93	88	85	91	87	83		88	85	82		79
4	96	88	82	78	94	87	82	78	85	80	77		83	79	76		73
5	91	83	76	72	90	82	76	72	80	75	71		78	74	70		68
6	87	77	71	67	85	77	71	67	75	70	66		74	69	66		64
7	82	73	67	62	81	72	66	62	71	66	62		70	65	61		60
8	78	69	63	58	77	68	62	58	67	62	58		66	61	58		56
9	75	65	59	55	74	64	59	55	63	58	55		63	58	54		53
10	71	61	56	52	70	61	55	52	60	55	51		59	55	51		50

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	57583
5°	56042
10°	51680
15°	45449
20°	38013
25°	30147
30°	22130
35°	15205
40°	9675
45°	5396
50°	2934
55°	2447
60°	2105
65°	1972
70°	1731
75°	1610
80°	1389
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 5396 cd/sqm

TEST NUMBER: P1273799

CATALOG NUMBER: P3A09R509830DE010 E3DLP1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	23.6	11.9
10°-20°	55.4	28.0
20°-30°	56.7	28.6
30°-40°	36.0	18.2
40°-50°	14.3	7.2
50°-60°	5.8	2.9
60°-70°	3.7	1.9
70°-80°	1.9	1.0
80°-90°	0.6	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°	135.7	68.6
0°-40°	171.7	86.7
0°-60°	191.8	96.9
0°-90°	198.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	198.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	263	
5°	255	24
15°	200	55
25°	125	57
35°	57	36
45°	17	14
55°	6	6
65°	4	4
75°	2	2
85°	0	1
90°	0	

TEST NUMBER: P1273799

CATALOG NUMBER: P3A09R509830DE010 E3DLP1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	262.6
2.5°	260.7
5°	254.6
7.5°	244.9
10°	232.1
12.5°	216.8
15°	200.2
17.5°	182.0
20°	162.9
22.5°	143.9
25°	124.6
27.5°	105.3
30°	87.4
32.5°	71.3
35°	56.8
37.5°	44.5
40°	33.8
42.5°	24.9
45°	17.4
47.5°	11.8
50°	8.6
52.5°	7.2
55°	6.4
57.5°	5.6
60°	4.8
62.5°	4.3
65°	3.8
67.5°	3.2
70°	2.7
72.5°	2.1
75°	1.9
77.5°	1.3
80°	1.1
82.5°	0.8
85°	0.5
87.5°	0.3
90°	0.0

(END OF REPORT)