

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: P1273828

Luminaire Tested: P3A09R559830DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1273828
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-33)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R559830DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R55 optic, 3000K CCT AND, 98CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

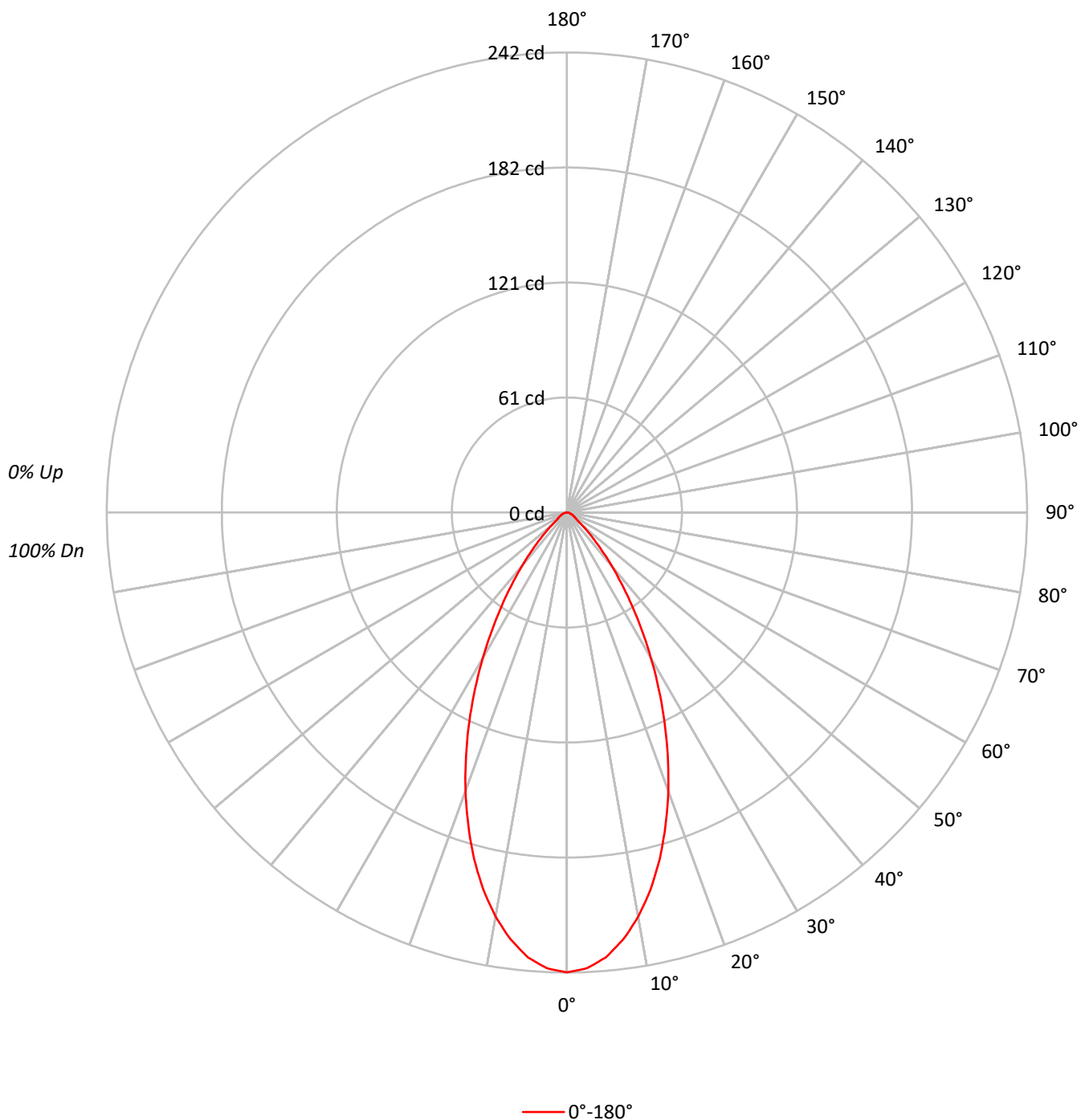
Lumens per Lamp: N/A
Luminaire Lumens: 195.0 lumens
Efficiency: N/A
Efficacy: 17.7 lumens/watt
Spacing Criteria (0/90/45): 0.77 / 0.77 / 0.8
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1273828

CATALOG NUMBER: P3A09R559830DE010 E3DLP1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1273828

CATALOG NUMBER: P3A09R559830DE010 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	110	108	105	103	104	102	100		100	98	97		97
2	107	102	97	94	105	100	96	93	97	93	91		94	91	89		91
3	101	94	89	85	99	93	88	84	90	86	83		88	84	81		85
4	96	88	82	77	94	87	81	77	84	80	76		82	78	75		80
5	91	82	76	71	89	81	75	71	79	74	70		77	73	70		76
6	86	77	70	66	84	76	70	66	74	69	65		73	68	65		72
7	82	72	66	61	80	71	65	61	70	65	61		69	64	60		68
8	78	68	62	57	76	67	61	57	66	61	57		65	60	57		64
9	74	64	58	54	73	63	58	54	62	57	53		62	57	53		61
10	70	60	55	51	69	60	54	50	59	54	50		58	54	50		58

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	53044
5°	51706
10°	48073
15°	42815
20°	36380
25°	29373
30°	22383
35°	15928
40°	10505
45°	6233
50°	3650
55°	2256
60°	2017
65°	1816
70°	1539
75°	1356
80°	1389
85°	1258

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 6233 cd/sqm

TEST NUMBER: P1273828

CATALOG NUMBER: P3A09R559830DE010 E3DLP1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	21.8	11.2
10°-20°	52.3	26.8
20°-30°	55.4	28.4
30°-40°	37.4	19.2
40°-50°	16.4	8.4
50°-60°	5.9	3.0
60°-70°	3.4	1.8
70°-80°	1.8	0.9
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°	129.5	66.4
0°-40°	166.9	85.6
0°-60°	189.2	97.0
0°-90°	195.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	195.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	242	
5°	235	22
15°	189	52
25°	121	55
35°	60	37
45°	20	16
55°	6	6
65°	4	3
75°	2	2
85°	0	1
90°	0	

TEST NUMBER: P1273828

CATALOG NUMBER: P3A09R559830DE010 E3DLP1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	241.9
2.5°	240.0
5°	234.9
7.5°	226.6
10°	215.9
12.5°	203.1
15°	188.6
17.5°	172.5
20°	155.9
22.5°	138.5
25°	121.4
27.5°	104.5
30°	88.4
32.5°	73.1
35°	59.5
37.5°	47.1
40°	36.7
42.5°	27.6
45°	20.1
47.5°	14.7
50°	10.7
52.5°	7.5
55°	5.9
57.5°	5.4
60°	4.6
62.5°	4.0
65°	3.5
67.5°	2.9
70°	2.4
72.5°	2.1
75°	1.6
77.5°	1.3
80°	1.1
82.5°	0.8
85°	0.5
87.5°	0.3
90°	0.0

(END OF REPORT)