

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: P1269609

Luminaire Tested: P3A09R659740DE010 E3DL1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1269609
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-43)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R659740DE010 E3DL1H
Description: 3in Adjustable LED luminaire with, R65 optic, 4000K CCT AND, 97CRI , E3DL1H TRIM
Light Source: -
Ballast/Driver: -

Summary

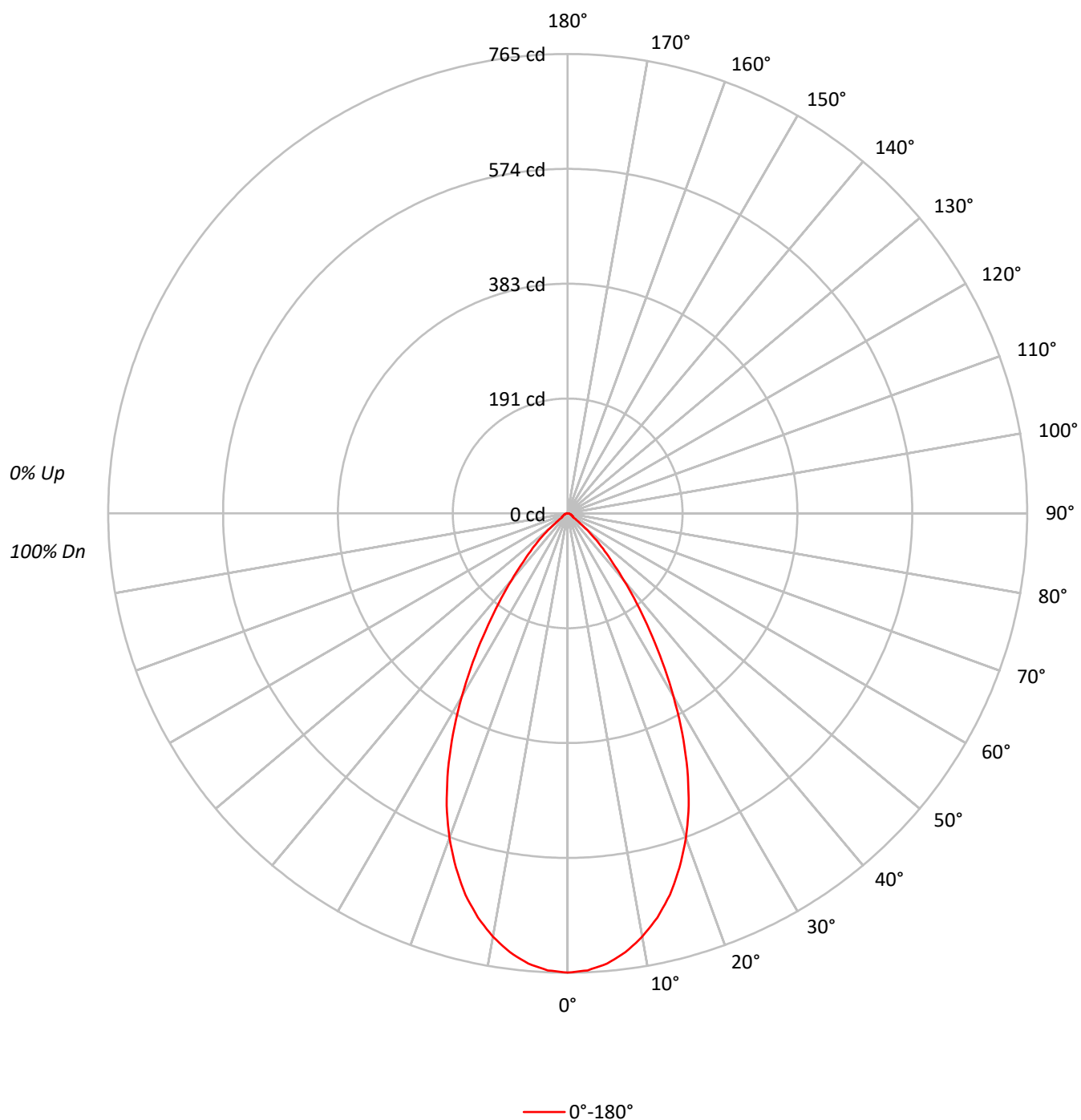
Lumens per Lamp: N/A
Luminaire Lumens: 711.0 lumens
Efficiency: N/A
Efficacy: 64.1 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 11.1
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: P1269609

CATALOG NUMBER: P3A09R659740DE010 E3DL1H

Luminous Intensity Polar Plot



TEST NUMBER: P1269609

CATALOG NUMBER: P3A09R659740DE010 E3DL1H

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	101	95	89	85	99	93	88	84	90	86	83		88	85	82		86
4	96	88	82	78	94	87	81	77	85	80	76		83	79	75		81
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	64	61		69	64	60		67
8	77	67	61	57	76	67	61	57	66	60	57		65	60	56		64
9	74	64	57	53	72	63	57	53	62	57	53		61	56	53		60
10	70	60	54	50	69	59	54	50	59	53	50		58	53	50		57

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	167684
5°	165661
10°	159382
15°	149286
20°	134272
25°	114031
30°	89178
35°	63550
40°	41592
45°	25708
50°	13066
55°	4588
60°	4035
65°	4047
70°	3654
75°	3643
80°	3536
85°	3522

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 25708 cd/sqm

TEST NUMBER: P1269609

CATALOG NUMBER: P3A09R659740DE010 E3DL1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	70.7	9.9
10°-20°	183.0	25.7
20°-30°	213.9	30.1
30°-40°	149.5	21.0
40°-50°	65.8	9.3
50°-60°	14.6	2.1
60°-70°	7.5	1.0
70°-80°	4.5	0.6
80°-90°	1.5	0.2
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°	467.6	65.8
0°-40°	617.1	86.8
0°-60°	697.5	98.1
0°-90°	711.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	711.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	765	
5°	753	71
15°	658	183
25°	471	214
35°	237	149
45°	83	66
55°	12	15
65°	8	7
75°	4	4
85°	1	2
90°	0	

TEST NUMBER: P1269609

CATALOG NUMBER: P3A09R659740DE010 E3DL1H

CANDELA DISTRIBUTION (FULL):

0°	
0°	764.7
2.5°	761.8
5°	752.6
7.5°	737.0
10°	715.8
12.5°	689.5
15°	657.6
17.5°	618.7
20°	575.4
22.5°	526.5
25°	471.3
27.5°	413.2
30°	352.2
32.5°	293.4
35°	237.4
37.5°	188.5
40°	145.3
42.5°	109.8
45°	82.9
47.5°	60.9
50°	38.3
52.5°	19.8
55°	12.0
57.5°	10.6
60°	9.2
62.5°	8.5
65°	7.8
67.5°	6.4
70°	5.7
72.5°	5.0
75°	4.3
77.5°	3.5
80°	2.8
82.5°	2.1
85°	1.4
87.5°	0.7
90°	0.0

(END OF REPORT)