

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: P1269349

Luminaire Tested: P3A09R209740DE010 E3DL1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1269349
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-7)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A09R209740DE010 E3DL1GPH
Description: 3in Adjustable LED luminaire with, R20 optic, 4000K CCT AND, 97CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

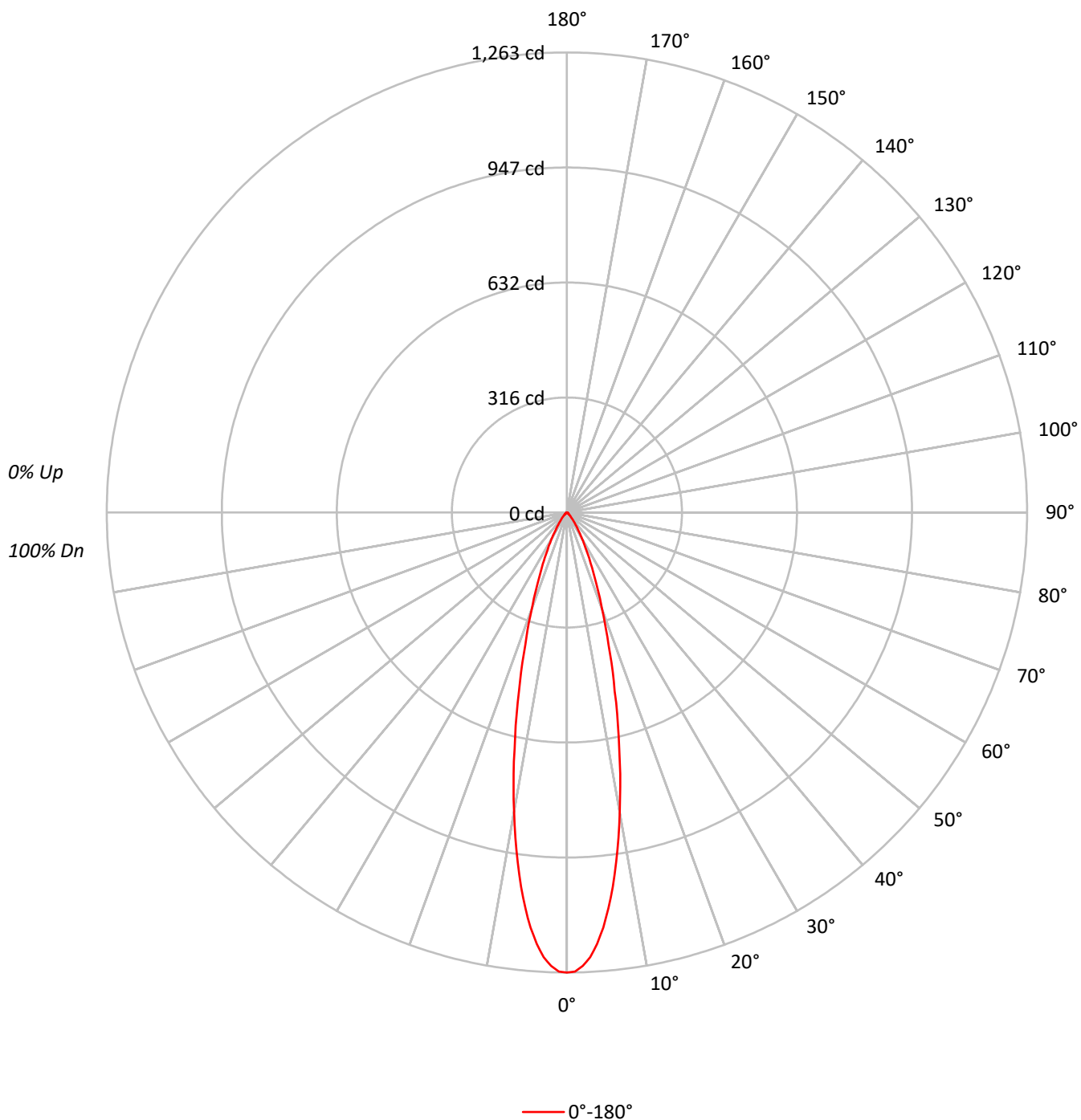
Lumens per Lamp: N/A
Luminaire Lumens: 359.9 lumens
Efficiency: N/A
Efficacy: 32.4 lumens/watt
Spacing Criteria (0/90/45): 0.44 / 0.44 / 0.46
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1269349

CATALOG NUMBER: P3A09R209740DE010 E3DL1GPH

Luminous Intensity Polar Plot





TEST NUMBER: P1269349

CATALOG NUMBER: P3A09R209740DE010 E3DL1GPH

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20			
RC	80				70				50				30				10			0
RW	70	50	30	10	70	50	30	10	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		102	102	102	100
1	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99	98	97	95
2	110	106	102	100	108	104	101	98	101	98	96		98	96	94		95	94	92	91
3	106	100	96	93	104	99	95	92	97	93	91		94	92	89		92	90	88	87
4	102	96	91	88	100	95	90	87	92	89	86		91	88	85		89	86	84	83
5	98	91	87	83	97	90	86	83	89	85	82		87	84	81		86	83	81	79
6	95	87	83	79	93	87	82	79	85	81	78		84	81	78		83	80	77	76
7	91	84	79	76	90	83	79	76	82	78	75		81	78	75		80	77	75	73
8	88	81	76	73	87	80	76	73	79	75	72		78	75	72		78	74	72	71
9	86	78	73	70	85	77	73	70	77	73	70		76	72	70		75	72	69	68
10	83	75	71	68	82	75	70	67	74	70	67		73	70	67		73	69	67	66

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	276973
5°	251771
10°	186080
15°	115120
20°	65736
25°	37526
30°	21041
35°	11457
40°	6269
45°	3442
50°	2013
55°	1453
60°	1360
65°	1245
70°	1090
75°	1186
80°	884
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 3442 cd/sqm

TEST NUMBER: P1269349

CATALOG NUMBER: P3A09R209740DE010 E3DL1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	99.1	27.5
10°-20°	141.4	39.3
20°-30°	73.8	20.5
30°-40°	28.6	7.9
40°-50°	9.2	2.6
50°-60°	3.6	1.0
60°-70°	2.4	0.7
70°-80°	1.4	0.4
80°-90°	0.4	0.1
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°	314.3	87.3
0°-40°	342.8	95.2
0°-60°	355.7	98.8
0°-90°	359.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	359.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1263	
5°	1144	99
15°	507	141
25°	155	74
35°	43	29
45°	11	9
55°	4	4
65°	2	2
75°	1	1
85°	0	0
90°	0	

TEST NUMBER: P1269349

CATALOG NUMBER: P3A09R209740DE010 E3DL1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	1263.1
1°	1260.7
2°	1245.7
3°	1222.8
4°	1187.3
5°	1143.8
6°	1092.4
7°	1035.3
8°	969.3
9°	904.9
10°	835.7
12.5°	664.3
15°	507.1
17.5°	379.4
20°	281.7
22.5°	208.7
25°	155.1
27.5°	114.4
30°	83.1
32.5°	60.2
35°	42.8
37.5°	31.0
40°	21.9
42.5°	15.6
45°	11.1
47.5°	8.0
50°	5.9
52.5°	4.5
55°	3.8
57.5°	3.5
60°	3.1
62.5°	2.8
65°	2.4
67.5°	2.1
70°	1.7
72.5°	1.7
75°	1.4
77.5°	1.0
80°	0.7
82.5°	0.7
85°	0.3
87.5°	0.3
90°	0.0

(END OF REPORT)