

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: P1251749

Luminaire Tested: P3AS09R659030DE010 E3D1H

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1251749
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-16)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R659030DE010 E3D1H
Description: 3in Adjustable LED luminaire with, R65 optic, 3000K CCT AND, 90CRI , E3D1H TRIM
Light Source: -
Ballast/Driver: -

Summary

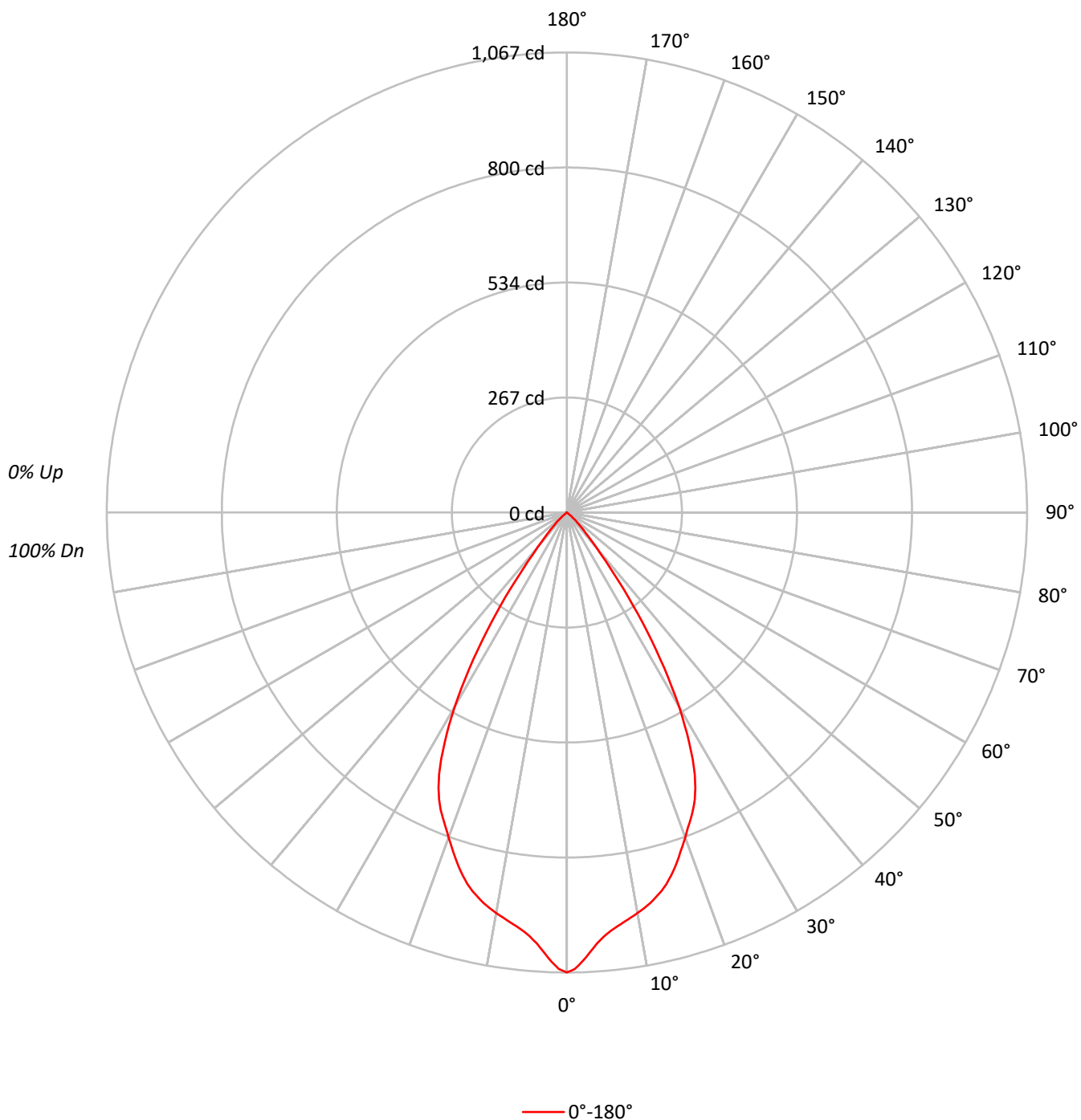
Lumens per Lamp: N/A
Luminaire Lumens: 873.0 lumens
Efficiency: N/A
Efficacy: 78.7 lumens/watt
Spacing Criteria (0/90/45): 0.92 / 0.92 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1251749

CATALOG NUMBER: P3AS09R659030DE010 E3D1H

Luminous Intensity Polar Plot



TEST NUMBER: P1251749

CATALOG NUMBER: P3AS09R659030DE010 E3D1H

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	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	114	111	109	106	111	109	107	105	105	103	102	101	100	99	98	97	96	94		
2	108	104	100	96	106	102	98	95	99	96	93	96	93	91	93	91	89	88		
3	103	97	92	88	101	95	91	88	93	89	86	90	87	85	88	86	83	82		
4	98	91	85	81	96	90	85	81	87	83	80	85	82	79	84	81	78	77		
5	93	85	79	75	92	84	79	75	82	78	74	81	77	74	79	76	73	72		
6	89	80	74	70	87	79	74	70	78	73	69	76	72	69	75	71	68	67		
7	84	75	70	65	83	75	69	65	73	69	65	72	68	65	71	67	64	63		
8	80	71	65	61	79	71	65	61	69	64	61	68	64	61	67	63	60	59		
9	77	67	61	58	76	67	61	57	66	61	57	65	60	57	64	60	57	56		
10	73	64	58	54	72	63	58	54	62	57	54	62	57	54	61	57	54	52		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	233929
5°	217213
10°	210061
15°	202430
20°	187150
25°	170502
30°	131742
35°	76373
40°	30314
45°	12901
50°	3070
55°	421
60°	307
65°	208
70°	256
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 12901 cd/sqm

TEST NUMBER: P1251749

CATALOG NUMBER: P3AS09R659030DE010 E3D1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	93.1	10.7
10°-20°	248.5	28.5
20°-30°	314.5	36.0
30°-40°	179.1	20.5
40°-50°	35.6	4.1
50°-60°	1.8	0.2
60°-70°	0.5	0.1
70°-80°	0.1	0.0
80°-90°	0.0	0.0
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°	656.0	75.1
0°-40°	835.1	95.6
0°-60°	872.5	99.9
0°-90°	873.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	873.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1067	
5°	987	93
15°	892	248
25°	705	314
35°	285	179
45°	42	36
55°	1	2
65°	0	1
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1251749

CATALOG NUMBER: P3AS09R659030DE010 E3D1H

CANDELA DISTRIBUTION (FULL):

0°	
0°	1066.8
1°	1058.9
2°	1041.7
3°	1021.6
4°	1001.8
5°	986.8
6°	975.6
7°	966.7
8°	958.8
9°	950.9
10°	943.4
11°	935.1
12°	926.5
13°	916.1
14°	905.0
15°	891.7
16°	875.9
17°	858.7
18°	840.0
19°	820.3
20°	802.0
21°	783.3
22°	766.5
23°	748.9
24°	728.4
25°	704.7
26°	676.4
27°	642.3
28°	603.9
29°	563.0
30°	520.3
31°	473.3
32°	426.6
32.5°	402.6
33°	379.3
34°	331.9
35°	285.3
36°	242.2
37°	199.5
37.5°	177.6
38°	160.0
39°	129.5
40°	105.9
42.5°	65.3
45°	41.6

TEST NUMBER: P1251749

CATALOG NUMBER: P3AS09R659030DE010 E3D1H

CANDELA DISTRIBUTION (continued):

	0°
47.5°	24.4
50°	9.0
52.5°	1.8
55°	1.1
57.5°	0.7
60°	0.7
62.5°	0.7
65°	0.4
67.5°	0.4
70°	0.4
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)