

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: P1254326

Luminaire Tested: P3AS09R409035DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1254326
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-22)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R409035DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R40 optic, 3500K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

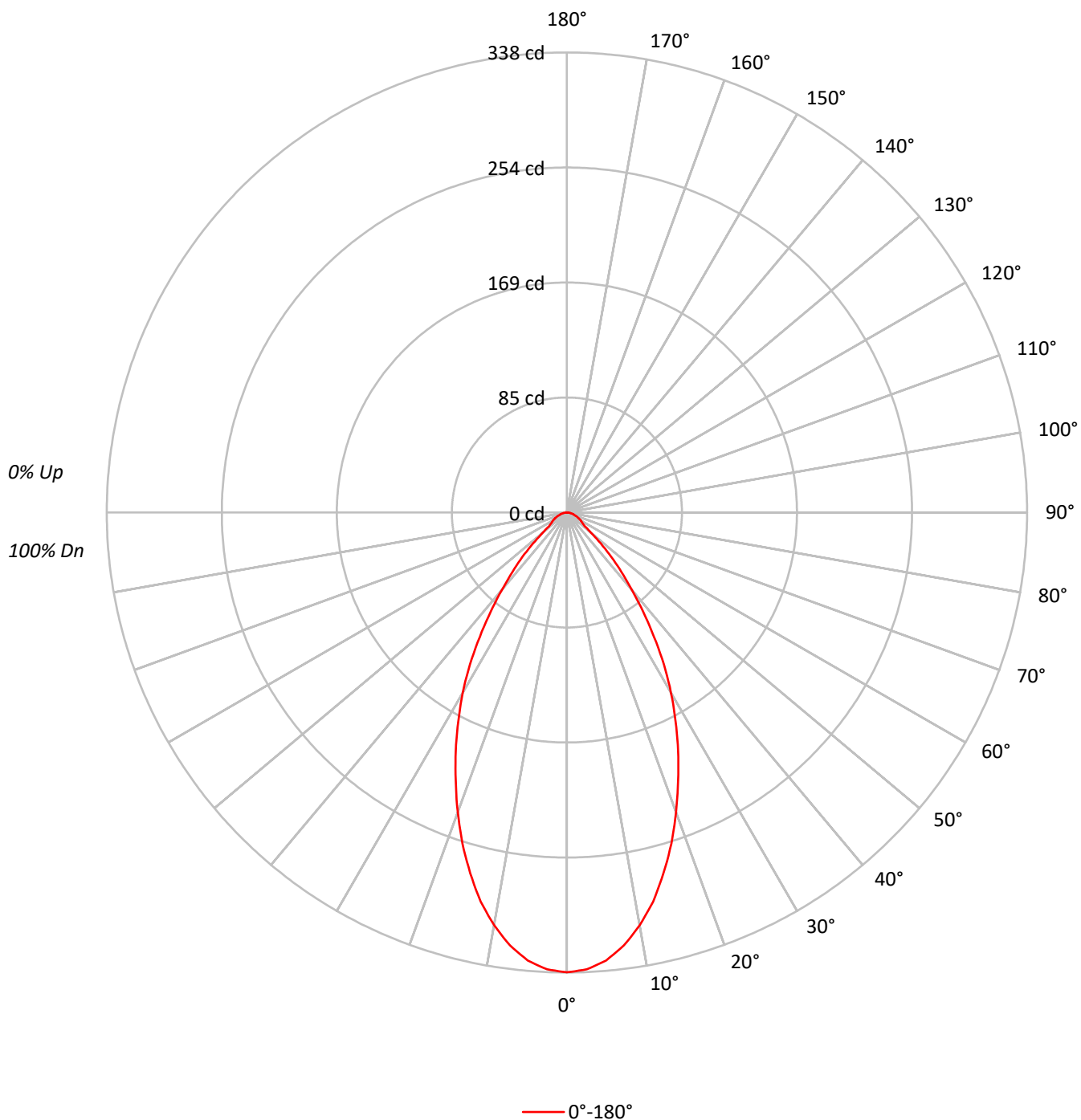
Lumens per Lamp: N/A
Luminaire Lumens: 330.0 lumens
Efficiency: N/A
Efficacy: 29.7 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1254326

CATALOG NUMBER: P3AS09R409035DE010 E3DLD1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1254326

CATALOG NUMBER: P3AS09R409035DE010 E3DLD1GPH

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	112	109	106	104	110	107	104	102	103	101	99		99	98	96		96
2	106	100	96	92	104	98	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	81	88	84	80		86	82	79		83
4	94	85	79	74	92	84	78	74	82	77	73		80	75	72		78
5	89	79	73	68	87	78	72	67	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	61		70	65	61		68
7	79	69	62	57	78	68	62	57	67	61	57		65	60	57		64
8	75	64	58	53	74	64	58	53	63	57	53		62	56	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	51	46	66	56	50	46	56	50	46		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	74073
5°	72727
10°	68558
15°	62271
20°	54698
25°	46720
30°	38715
35°	29848
40°	21240
45°	14327
50°	7812
55°	5505
60°	5175
65°	4774
70°	4231
75°	4067
80°	3283
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 14327 cd/sqm

TEST NUMBER: P1254326

CATALOG NUMBER: P3AS09R409035DE010 E3DLD1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	30.8	9.3
10°-20°	76.4	23.2
20°-30°	88.3	26.8
30°-40°	69.6	21.1
40°-50°	35.8	10.8
50°-60°	13.7	4.1
60°-70°	9.0	2.7
70°-80°	4.9	1.5
80°-90°	1.4	0.4
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°	195.6	59.3
0°-40°	265.2	80.4
0°-60°	314.6	95.3
0°-90°	330.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	330.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	338	
5°	330	31
15°	274	76
25°	193	88
35°	112	70
45°	46	36
55°	14	14
65°	9	9
75°	5	5
85°	1	1
90°	0	

TEST NUMBER: P1254326

CATALOG NUMBER: P3AS09R409035DE010 E3DLD1GPH

CANDELA DISTRIBUTION (FULL):

	0°
0°	337.8
2.5°	336.0
5°	330.4
7.5°	320.8
10°	307.9
12.5°	292.8
15°	274.3
17.5°	255.1
20°	234.4
22.5°	213.4
25°	193.1
27.5°	172.8
30°	152.9
32.5°	132.5
35°	111.5
37.5°	91.9
40°	74.2
42.5°	59.1
45°	46.2
47.5°	33.6
50°	22.9
52.5°	16.6
55°	14.4
57.5°	12.9
60°	11.8
62.5°	10.3
65°	9.2
67.5°	7.8
70°	6.6
72.5°	5.5
75°	4.8
77.5°	3.7
80°	2.6
82.5°	2.2
85°	1.1
87.5°	0.7
90°	0.0

(END OF REPORT)