

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: P1245636

Luminaire Tested: P3A02R209024DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1245636
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-6)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A02R209024DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R20 optic, 2400K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

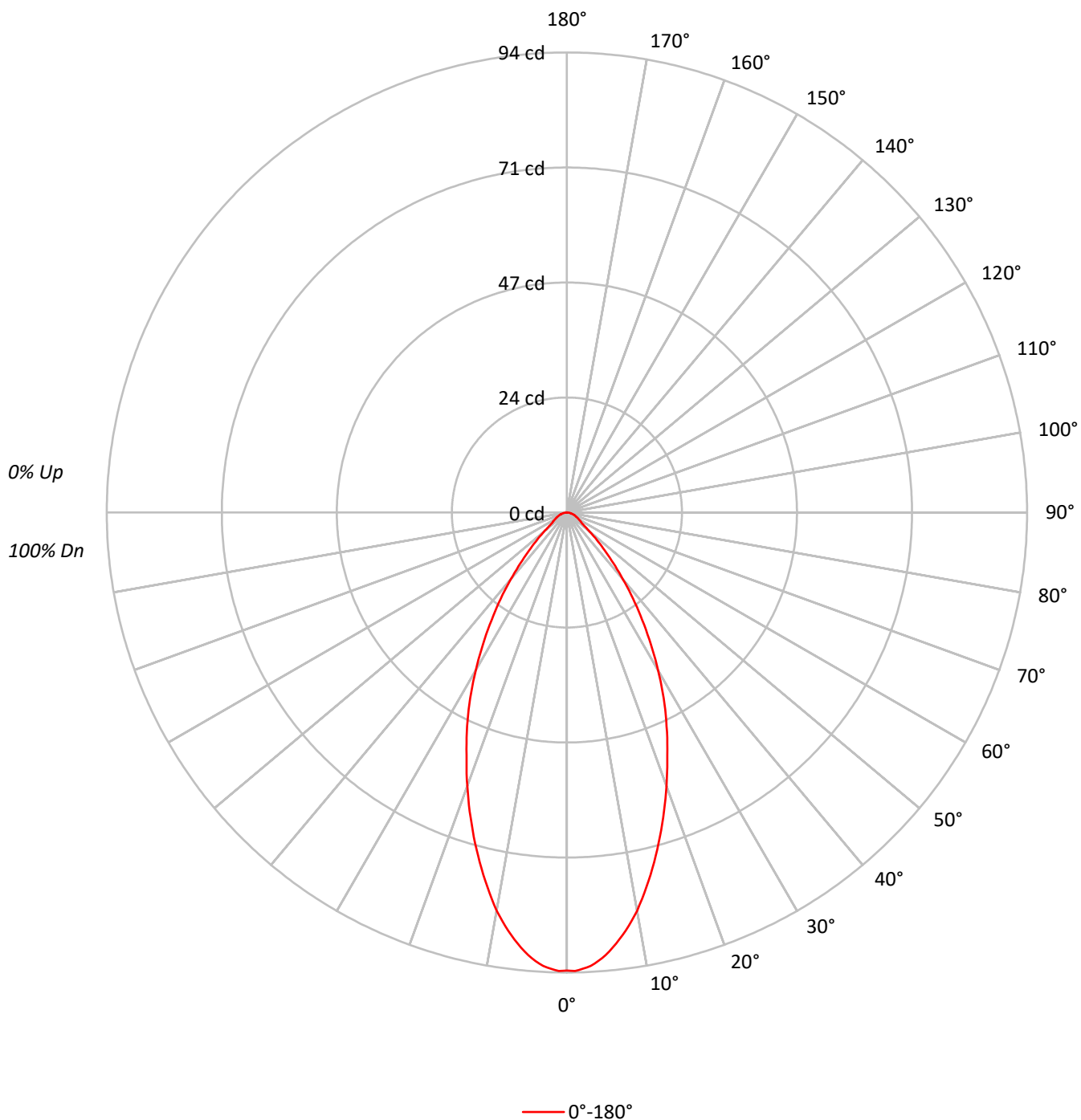
Lumens per Lamp: N/A
Luminaire Lumens: 83.0 lumens
Efficiency: N/A
Efficacy: 23.0 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
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: P1245636

CATALOG NUMBER: P3A02R209024DE010 E3DLD1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1245636

CATALOG NUMBER: P3A02R209024DE010 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	30	10
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	113	109	106	104		110	107	105	102		103	101	99		99	98	96		96	95	93
2	106	100	96	92		104	99	94	91		95	92	89		92	89	87		90	87	85
3	100	93	87	82		98	91	86	82		88	84	80		86	82	79		84	81	78
4	94	86	80	75		92	85	79	74		82	77	73		80	76	73		78	75	72
5	89	80	73	68		87	79	73	68		77	71	67		75	70	67		73	69	66
6	84	74	68	63		82	73	67	63		72	66	62		70	65	62		69	65	61
7	80	69	63	58		78	69	62	58		67	62	58		66	61	57		65	60	57
8	75	65	59	54		74	64	58	54		63	58	54		62	57	53		61	57	53
9	72	61	55	50		70	61	55	50		60	54	50		59	54	50		58	53	50
10	68	58	51	47		67	57	51	47		56	51	47		56	51	47		55	50	47

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	20525
5°	19987
10°	18392
15°	16186
20°	13885
25°	11662
30°	9419
35°	7174
40°	5095
45°	3380
50°	2081
55°	1376
60°	1228
65°	1141
70°	1090
75°	1017
80°	884
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 3380 cd/sqm

TEST NUMBER: P1245636

CATALOG NUMBER: P3A02R209024DE010 E3DLD1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	8.4	10.1
10°-20°	19.9	23.9
20°-30°	22.0	26.6
30°-40°	16.8	20.2
40°-50°	8.6	10.4
50°-60°	3.5	4.3
60°-70°	2.2	2.6
70°-80°	1.2	1.5
80°-90°	0.3	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°	50.3	60.6
0°-40°	67.1	80.8
0°-60°	79.2	95.5
0°-90°	83.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	83.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	94	
5°	91	8
15°	71	20
25°	48	22
35°	27	17
45°	11	9
55°	4	4
65°	2	2
75°	1	1
85°	0	0
90°	0	

TEST NUMBER: P1245636

CATALOG NUMBER: P3A02R209024DE010 E3DLD1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	93.6
1°	93.7
2°	93.3
3°	92.8
4°	91.9
5°	90.8
6°	89.4
7°	87.9
8°	86.3
9°	84.5
10°	82.6
12.5°	77.1
15°	71.3
17.5°	65.4
20°	59.5
22.5°	53.6
25°	48.2
27.5°	42.8
30°	37.2
32.5°	31.9
35°	26.8
37.5°	22.2
40°	17.8
42.5°	14.0
45°	10.9
47.5°	8.2
50°	6.1
52.5°	4.5
55°	3.6
57.5°	3.3
60°	2.8
62.5°	2.5
65°	2.2
67.5°	1.9
70°	1.7
72.5°	1.4
75°	1.2
77.5°	0.9
80°	0.7
82.5°	0.5
85°	0.3
87.5°	0.1
90°	0.0

(END OF REPORT)