

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: P1245856

Luminaire Tested: P3A02R609024DE010 E3D1H

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1245856
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A02R609024DE010 E3D1H
Description: 3in Adjustable LED luminaire with, R60 optic, 2400K CCT AND, 90CRI , E3D1H TRIM
Light Source: -
Ballast/Driver: -

Summary

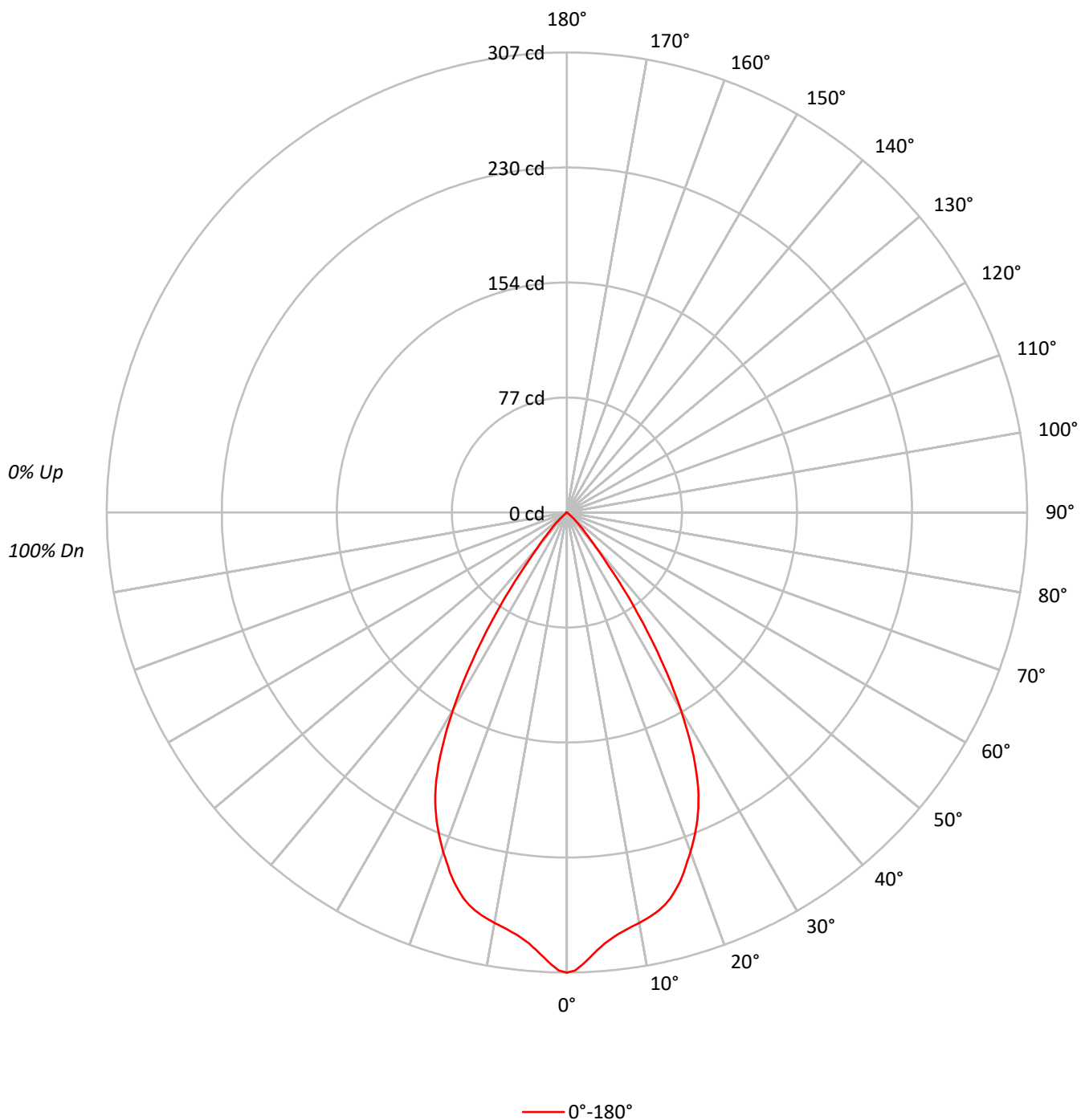
Lumens per Lamp: N/A
Luminaire Lumens: 257.0 lumens
Efficiency: N/A
Efficacy: 71.4 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1245856

CATALOG NUMBER: P3A02R609024DE010 E3D1H

Luminous Intensity Polar Plot



TEST NUMBER: P1245856

CATALOG NUMBER: P3A02R609024DE010 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
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	114	111	109	106		111	109	107	105		105	103	102		101	100	99		98	97	96
2	108	104	100	96		106	102	98	95		99	96	93		96	93	91		93	91	89
3	103	97	92	88		101	96	91	88		93	89	86		91	87	85		88	86	84
4	98	91	85	81		96	90	85	81		88	83	80		86	82	79		84	81	78
5	93	85	80	75		92	84	79	75		83	78	74		81	77	74		79	76	73
6	89	80	74	70		87	79	74	70		78	73	70		77	72	69		75	72	69
7	85	76	70	66		83	75	69	65		74	69	65		72	68	65		71	67	64
8	81	71	65	61		79	71	65	61		70	65	61		69	64	61		68	64	61
9	77	67	62	58		76	67	61	58		66	61	57		65	61	57		64	60	57
10	73	64	58	54		72	63	58	54		63	58	54		62	57	54		61	57	54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	67341
5°	63570
10°	61923
15°	60500
20°	56262
25°	50277
30°	38411
35°	22165
40°	8616
45°	3597
50°	785
55°	115
60°	88
65°	52
70°	64
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 3597 cd/sqm

TEST NUMBER: P1245856

CATALOG NUMBER: P3A02R609024DE010 E3D1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	27.3	10.6
10°-20°	74.2	28.9
20°-30°	93.0	36.2
30°-40°	52.0	20.2
40°-50°	9.9	3.8
50°-60°	0.5	0.2
60°-70°	0.1	0.0
70°-80°	0.0	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°	194.5	75.7
0°-40°	246.5	95.9
0°-60°	256.8	99.9
0°-90°	257.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	257.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	307	
5°	289	27
15°	266	74
25°	208	93
35°	83	52
45°	12	10
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1245856

CATALOG NUMBER: P3A02R609024DE010 E3D1H

CANDELA DISTRIBUTION (FULL):

0°	
0°	307.1
1°	305.8
2°	301.8
3°	297.1
4°	292.7
5°	288.8
6°	285.8
7°	283.3
8°	281.4
9°	279.6
10°	278.1
11°	276.5
12°	274.7
13°	272.5
14°	269.9
15°	266.5
16°	262.4
17°	257.8
18°	252.5
19°	246.5
20°	241.1
21°	235.2
22°	229.1
23°	222.7
24°	215.6
25°	207.8
26°	198.7
27°	188.5
28°	177.0
29°	164.8
30°	151.7
31°	138.5
32°	124.8
32.5°	117.3
33°	110.6
34°	96.6
35°	82.8
36°	70.4
37°	57.3
37.5°	51.3
38°	45.4
39°	36.6
40°	30.1
42.5°	18.3
45°	11.6

TEST NUMBER: P1245856

CATALOG NUMBER: P3A02R609024DE010 E3D1H

CANDELA DISTRIBUTION (continued):

	0°
47.5°	6.4
50°	2.3
52.5°	0.5
55°	0.3
57.5°	0.2
60°	0.2
62.5°	0.1
65°	0.1
67.5°	0.1
70°	0.1
72.5°	0.1
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)