

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: P1253648

Luminaire Tested: P3AS02R609035DE010 E3D1WMH

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1253648
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: P3AS02R609035DE010 E3D1WMH
Description: 3in Adjustable LED luminaire with, R60 optic, 3500K CCT AND, 90CRI , E3D1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

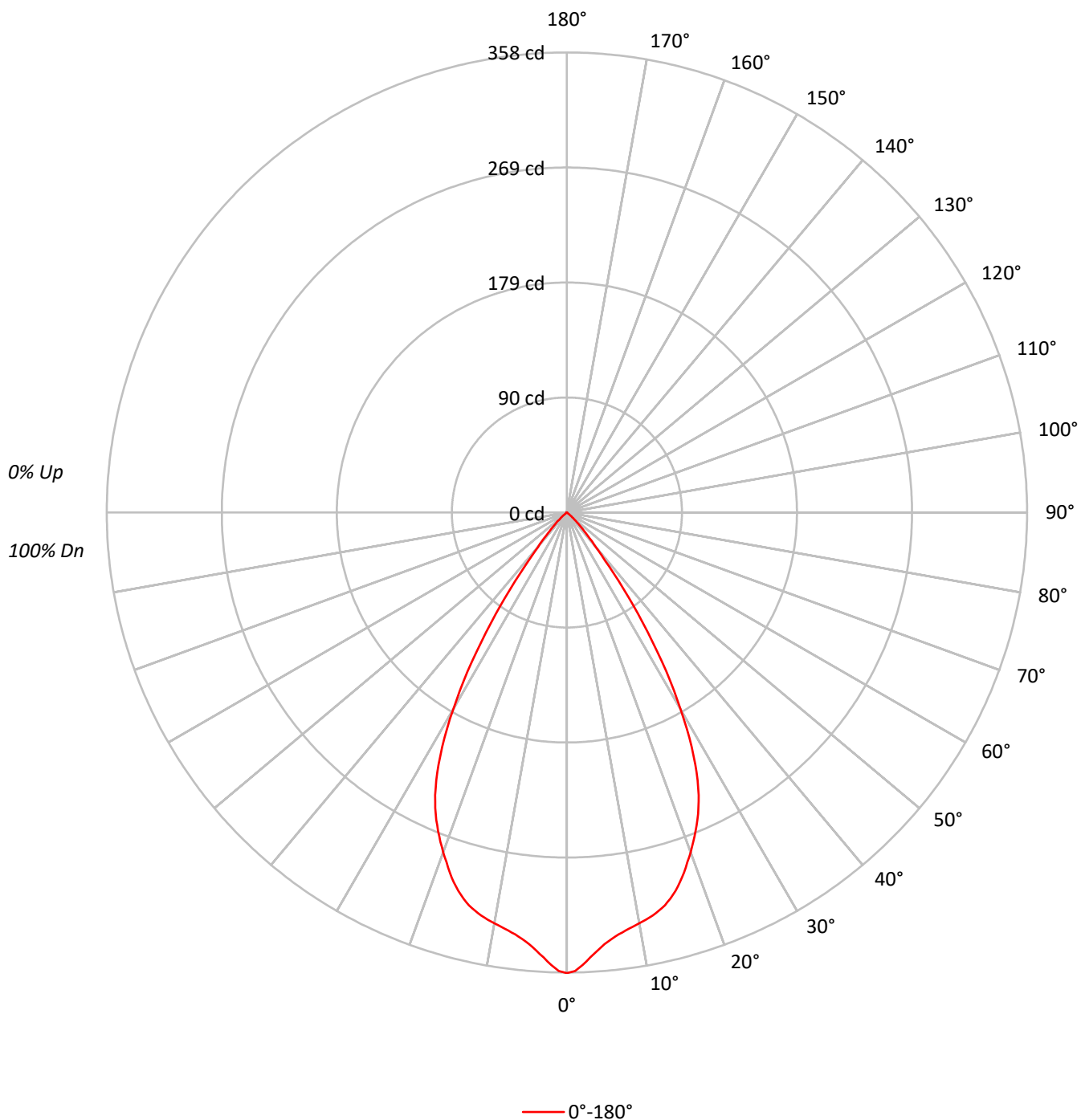
Lumens per Lamp: N/A
Luminaire Lumens: 300.0 lumens
Efficiency: N/A
Efficacy: 83.3 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1253648

CATALOG NUMBER: P3AS02R609035DE010 E3D1WMH

Luminous Intensity Polar Plot



TEST NUMBER: P1253648

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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	78612
5°	74202
10°	72277
15°	70625
20°	65666
25°	58697
30°	44842
35°	25886
40°	10047
45°	4186
50°	921
55°	153
60°	88
65°	52
70°	64
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 4186 cd/sqm

TEST NUMBER: P1253648

CATALOG NUMBER: P3AS02R609035DE010 E3D1WMH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	31.8	10.6
10°-20°	86.7	28.9
20°-30°	108.5	36.2
30°-40°	60.7	20.2
40°-50°	11.5	3.8
50°-60°	0.6	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°	227.0	75.7
0°-40°	287.7	95.9
0°-60°	299.8	99.9
0°-90°	300.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	300.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	358	
5°	337	32
15°	311	87
25°	243	109
35°	97	61
45°	14	12
55°	0	1
65°	0	0
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1253648

CATALOG NUMBER: P3AS02R609035DE010 E3D1WMH

CANDELA DISTRIBUTION (FULL):

0°	
0°	358.5
1°	357.0
2°	352.3
3°	346.8
4°	341.7
5°	337.1
6°	333.7
7°	330.7
8°	328.5
9°	326.4
10°	324.6
11°	322.8
12°	320.7
13°	318.1
14°	315.0
15°	311.1
16°	306.3
17°	300.9
18°	294.8
19°	287.8
20°	281.4
21°	274.5
22°	267.4
23°	259.9
24°	251.7
25°	242.6
26°	231.9
27°	220.0
28°	206.7
29°	192.4
30°	177.1
31°	161.6
32°	145.7
32.5°	137.0
33°	129.1
34°	112.8
35°	96.7
36°	82.2
37°	66.9
37.5°	59.9
38°	53.0
39°	42.7
40°	35.1
42.5°	21.4
45°	13.5



TEST NUMBER: P1253648

CATALOG NUMBER: P3AS02R609035DE010 E3D1WMH

CANDELA DISTRIBUTION (continued):

	0°
47.5°	7.5
50°	2.7
52.5°	0.6
55°	0.4
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)