

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: P1275240

Luminaire Tested: P3AS02R609835DE010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1275240
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-37)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R609835DE010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R60 optic, 3500K CCT AND, 98CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

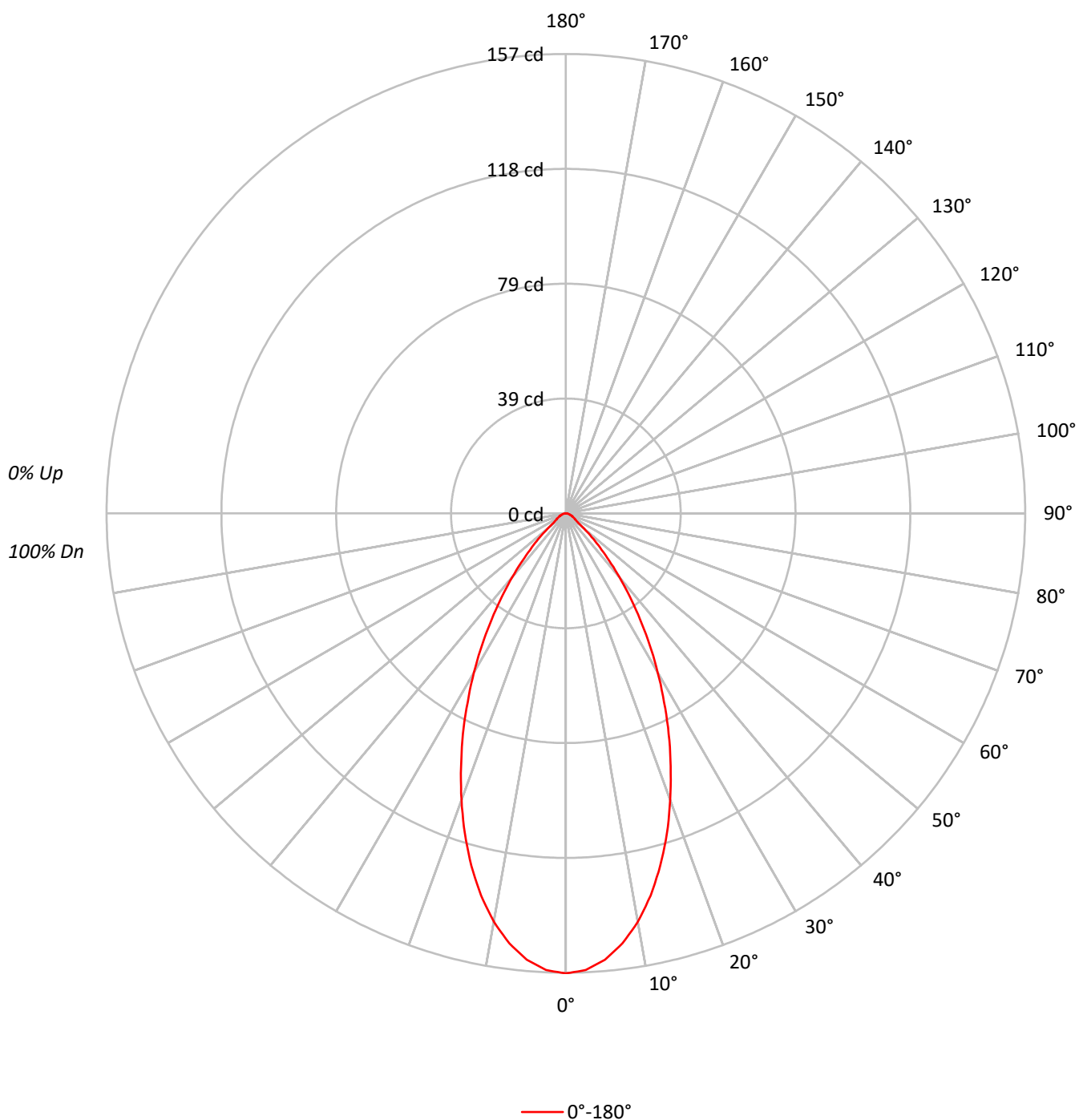
Lumens per Lamp: N/A
Luminaire Lumens: 136.0 lumens
Efficiency: N/A
Efficacy: 37.8 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1275240

CATALOG NUMBER: P3AS02R609835DE010 E3DLP1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1275240

CATALOG NUMBER: P3AS02R609835DE010 E3DLP1MW

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	113	110	107	105	110	108	105	103	104	102	100		100	98	97		96
2	107	101	97	93	104	100	96	92	96	93	90		93	91	88		91
3	101	94	88	84	99	92	87	83	90	86	82		87	84	81		85
4	95	87	81	77	93	86	80	76	84	79	75		82	78	74		80
5	90	81	75	70	88	80	74	70	78	73	69		77	72	69		75
6	85	76	69	65	84	75	69	65	73	68	64		72	67	64		71
7	81	71	65	60	79	70	64	60	69	64	60		68	63	59		67
8	77	67	60	56	75	66	60	56	65	60	56		64	59	55		63
9	73	63	57	52	72	62	56	52	61	56	52		60	55	52		60
10	69	59	53	49	68	59	53	49	58	53	49		57	52	49		56

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	34471
5°	33700
10°	31551
15°	28309
20°	24339
25°	20130
30°	15901
35°	11805
40°	8130
45°	5086
50°	2797
55°	1644
60°	1491
65°	1245
70°	1090
75°	1101
80°	884
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 5086 cd/sqm

TEST NUMBER: P1275240

CATALOG NUMBER: P3AS02R609835DE010 E3DLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	14.3	10.5
10°-20°	34.6	25.5
20°-30°	38.0	27.9
30°-40°	27.7	20.3
40°-50°	13.1	9.6
50°-60°	4.3	3.1
60°-70°	2.4	1.8
70°-80°	1.3	0.9
80°-90°	0.4	0.3
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°	86.9	63.9
0°-40°	114.5	84.2
0°-60°	131.9	97.0
0°-90°	136.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	136.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	157	
5°	153	14
15°	125	35
25°	83	38
35°	44	28
45°	16	13
55°	4	4
65°	2	2
75°	1	1
85°	0	0
90°	0	

TEST NUMBER: P1275240

CATALOG NUMBER: P3AS02R609835DE010 E3DLP1MW

CANDELA DISTRIBUTION (FULL):

	0°
0°	157.2
2.5°	156.2
5°	153.1
7.5°	148.2
10°	141.7
12.5°	133.8
15°	124.7
17.5°	114.8
20°	104.3
22.5°	93.6
25°	83.2
27.5°	72.7
30°	62.8
32.5°	53.3
35°	44.1
37.5°	35.9
40°	28.4
42.5°	21.9
45°	16.4
47.5°	12.0
50°	8.2
52.5°	5.4
55°	4.3
57.5°	3.7
60°	3.4
62.5°	2.8
65°	2.4
67.5°	2.1
70°	1.7
72.5°	1.5
75°	1.3
77.5°	0.9
80°	0.7
82.5°	0.6
85°	0.4
87.5°	0.2
90°	0.0

(END OF REPORT)