

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: P1256215

Luminaire Tested: P3AS02R359040DE010 E3DL1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1256215
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-19)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R359040DE010 E3DL1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 4000K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

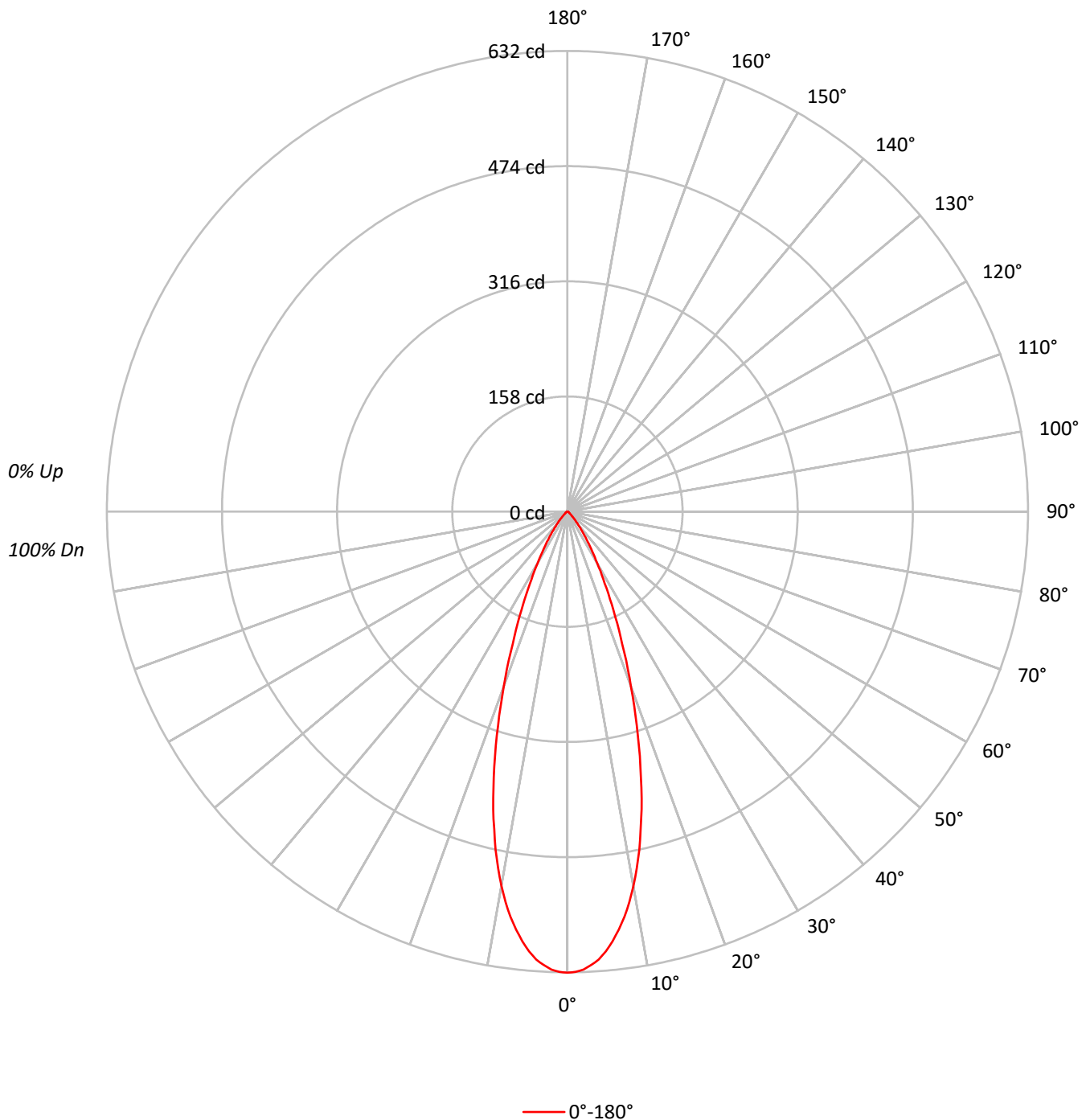
Lumens per Lamp: N/A
Luminaire Lumens: 275.0 lumens
Efficiency: N/A
Efficacy: 76.4 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1256215

CATALOG NUMBER: P3AS02R359040DE010 E3DL1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1256215

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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	112	109	107	112	109	107	106	105	104	102		102	100	99		98
2	109	105	101	98	107	103	100	97	100	97	95		97	95	93		94
3	105	99	95	91	103	98	94	90	95	92	89		93	90	88		91
4	100	94	89	85	99	93	88	85	91	87	84		89	85	83		87
5	96	89	84	80	95	88	83	80	86	82	79		85	81	78		83
6	92	85	80	76	91	84	79	76	83	78	75		81	77	75		80
7	89	81	76	72	88	80	75	72	79	75	71		78	74	71		77
8	85	77	72	69	84	77	72	68	76	71	68		75	71	68		74
9	82	74	69	66	81	74	69	65	73	68	65		72	68	65		71
10	79	71	66	63	78	71	66	63	70	66	63		69	65	62		69

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	138695
5°	133304
10°	116141
15°	88968
20°	59505
25°	36002
30°	20661
35°	11564
40°	6154
45°	3163
50°	1501
55°	1185
60°	1140
65°	934
70°	1026
75°	847
80°	1010
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 3163 cd/sqm

TEST NUMBER: P1256215

CATALOG NUMBER: P3AS02R359040DE010 E3DL1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	55.1	20.0
10°-20°	106.8	38.8
20°-30°	69.9	25.4
30°-40°	28.4	10.3
40°-50°	8.5	3.1
50°-60°	2.9	1.0
60°-70°	2.0	0.7
70°-80°	1.1	0.4
80°-90°	0.4	0.1
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°	231.8	84.3
0°-40°	260.1	94.6
0°-60°	271.5	98.7
0°-90°	275.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	275.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	632	
5°	606	55
15°	392	107
25°	149	70
35°	43	28
45°	10	9
55°	3	3
65°	2	2
75°	1	1
85°	0	0
90°	0	

TEST NUMBER: P1256215

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CANDELA DISTRIBUTION (FULL):

0°	
0°	632.5
1°	631.5
2°	628.6
3°	622.8
4°	616.0
5°	605.6
6°	592.5
7°	577.8
8°	561.4
9°	542.5
10°	521.6
11°	498.3
12°	474.0
13°	446.8
14°	420.9
15°	391.9
17.5°	321.5
20°	255.0
22.5°	196.2
25°	148.8
27.5°	110.9
30°	81.6
32.5°	59.9
35°	43.2
37.5°	30.6
40°	21.5
42.5°	14.9
45°	10.2
47.5°	6.8
50°	4.4
52.5°	3.4
55°	3.1
57.5°	2.9
60°	2.6
62.5°	2.4
65°	1.8
67.5°	1.6
70°	1.6
72.5°	1.3
75°	1.0
77.5°	0.8
80°	0.8
82.5°	0.5
85°	0.3
87.5°	0.3



TEST NUMBER: P1256215

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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)