

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: P1266627

Luminaire Tested: P3A05R259735DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1266627
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R259735DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 97CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

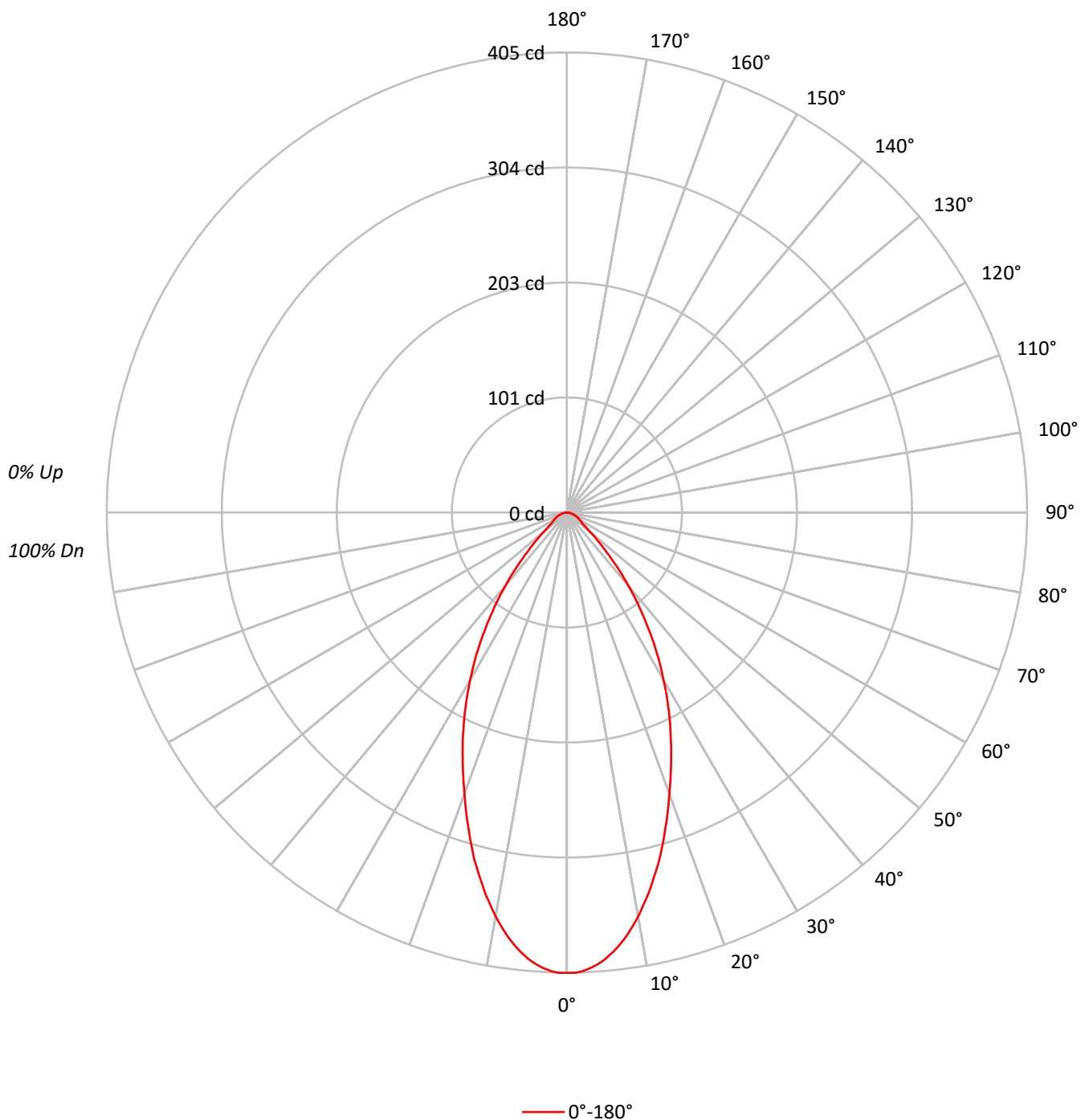
Lumens per Lamp: N/A
Luminaire Lumens: 374.0 lumens
Efficiency: N/A
Efficacy: 51.9 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 7.2
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: P1266627

CATALOG NUMBER: P3A05R259735DE010 E3DLD1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1266627

CATALOG NUMBER: P3A05R259735DE010 E3DLD1MW

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	112	109	106	104		110	107	105	102		103	101	99		99	98	96		96	94	93
2	106	100	96	92		104	99	94	91		95	92	89		92	89	87		89	87	85
3	100	92	87	82		98	91	86	82		88	84	80		86	82	79		83	80	78
4	94	85	79	74		92	84	78	74		82	77	73		80	76	72		78	74	71
5	89	79	73	68		87	78	72	68		76	71	67		75	70	66		73	69	66
6	84	74	67	62		82	73	67	62		71	66	62		70	65	61		69	64	61
7	79	69	62	58		78	68	62	58		67	61	57		66	61	57		65	60	57
8	75	65	58	54		74	64	58	53		63	57	53		62	57	53		61	56	53
9	71	61	54	50		70	60	54	50		59	54	50		58	53	50		57	53	49
10	68	57	51	47		67	57	51	47		56	50	47		55	50	46		54	50	46

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	88896
5°	86771
10°	80404
15°	71601
20°	61535
25°	52309
30°	43070
35°	33542
40°	24131
45°	15319
50°	9074
55°	6232
60°	5701
65°	5344
70°	4809
75°	4321
80°	4167
85°	3522

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 15319 cd/sqm

TEST NUMBER: P1266627

CATALOG NUMBER: P3A05R259735DE010 E3DLD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	36.6	9.8
10°-20°	87.6	23.4
20°-30°	99.0	26.5
30°-40°	78.3	20.9
40°-50°	39.5	10.6
50°-60°	15.8	4.2
60°-70°	10.2	2.7
70°-80°	5.6	1.5
80°-90°	1.6	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°	223.1	59.6
0°-40°	301.3	80.6
0°-60°	356.7	95.4
0°-90°	374.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	374.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	405	
5°	394	37
15°	315	88
25°	216	99
35°	125	78
45°	49	40
55°	16	16
65°	10	10
75°	5	6
85°	1	2
90°	0	

TEST NUMBER: P1266627

CATALOG NUMBER: P3A05R259735DE010 E3DLD1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	405.4
1°	405.4
2°	404.0
3°	401.6
4°	398.4
5°	394.2
6°	389.0
7°	383.0
8°	376.5
9°	369.0
10°	361.1
11°	352.2
12°	343.9
13°	334.1
14°	324.7
15°	315.4
17.5°	289.3
20°	263.7
22.5°	239.5
25°	216.2
27.5°	193.4
30°	170.1
32.5°	148.2
35°	125.3
37.5°	104.4
40°	84.3
42.5°	65.7
45°	49.4
47.5°	36.8
50°	26.6
52.5°	20.0
55°	16.3
57.5°	14.9
60°	13.0
62.5°	11.6
65°	10.3
67.5°	8.9
70°	7.5
72.5°	6.5
75°	5.1
77.5°	4.2
80°	3.3
82.5°	2.3
85°	1.4
87.5°	0.5



TEST NUMBER: P1266627

CATALOG NUMBER: P3A05R259735DE010 E3DLD1MW

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)