

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: P1266569

Luminaire Tested: P3A05R159735DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1266569
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R159735DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R15 optic, 3500K CCT AND, 97CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

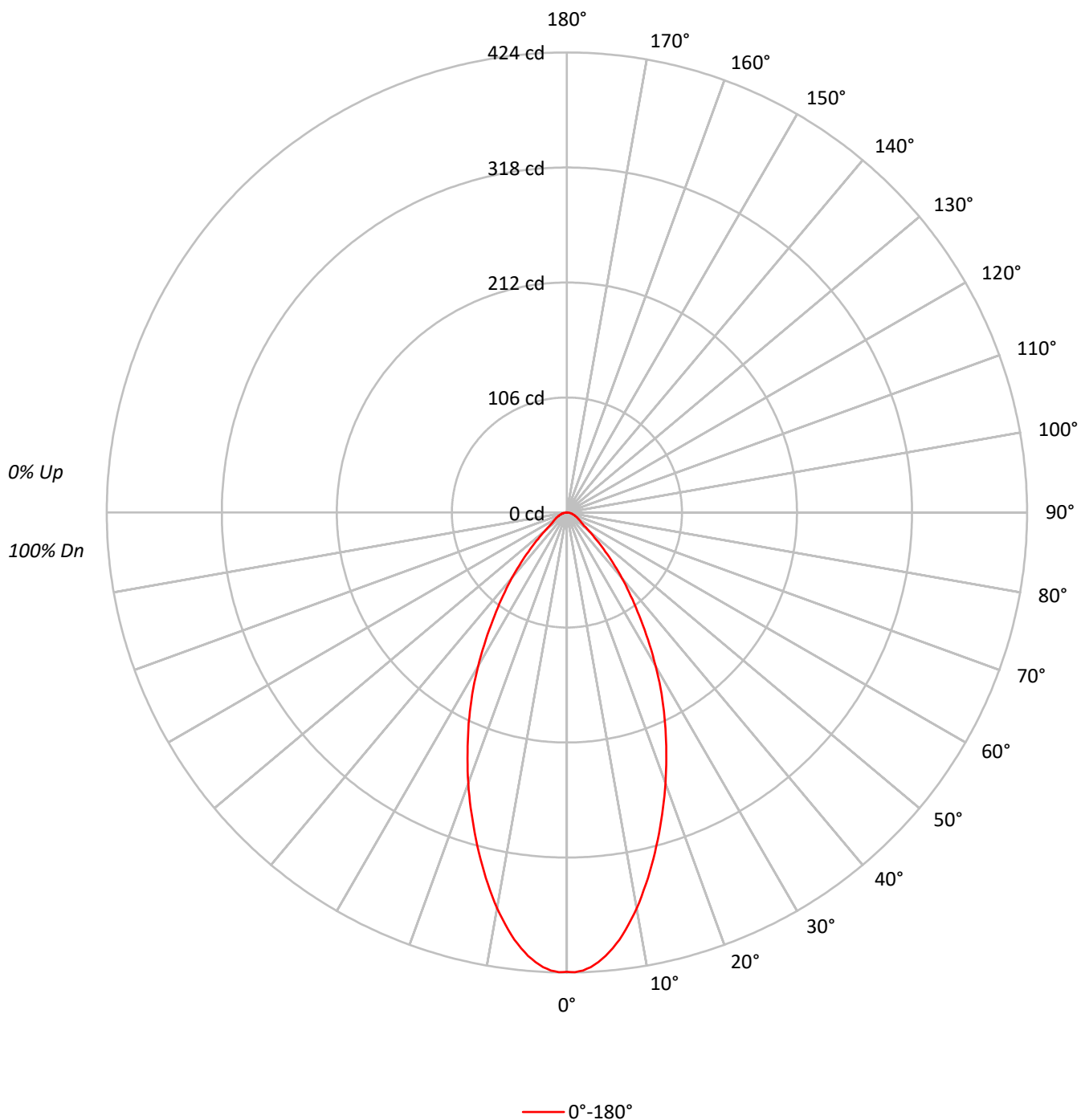
Lumens per Lamp: N/A
Luminaire Lumens: 368.0 lumens
Efficiency: N/A
Efficacy: 51.1 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1266569

CATALOG NUMBER: P3A05R159735DE010 E3DLD1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1266569

CATALOG NUMBER: P3A05R159735DE010 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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	113	109	106	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	95	91	95	92	89		92	90	87		90
3	100	93	87	83	98	91	86	82	89	84	81		86	82	79		84
4	94	86	80	75	92	85	79	74	82	77	73		80	76	73		78
5	89	80	73	68	87	79	73	68	77	72	67		75	70	67		74
6	84	74	68	63	83	73	67	63	72	66	62		70	66	62		69
7	80	69	63	58	78	69	63	58	67	62	58		66	61	57		65
8	76	65	59	54	74	65	58	54	63	58	54		62	57	54		61
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		58
10	68	58	52	48	67	57	51	47	57	51	47		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	92822
5°	90315
10°	82519
15°	72282
20°	62002
25°	51777
30°	41424
35°	31079
40°	22557
45°	14761
50°	9211
55°	6232
60°	5526
65°	5085
70°	4809
75°	4321
80°	4167
85°	3522

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 14761 cd/sqm

TEST NUMBER: P1266569

CATALOG NUMBER: P3A05R159735DE010 E3DLD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	37.9	10.3
10°-20°	88.7	24.1
20°-30°	97.8	26.6
30°-40°	73.2	19.9
40°-50°	38.0	10.3
50°-60°	15.7	4.3
60°-70°	9.8	2.7
70°-80°	5.5	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°	224.3	61.0
0°-40°	297.5	80.8
0°-60°	351.2	95.4
0°-90°	368.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	368.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	423	
5°	410	38
15°	318	89
25°	214	98
35°	116	73
45°	48	38
55°	16	16
65°	10	10
75°	5	5
85°	1	2
90°	0	

TEST NUMBER: P1266569

CATALOG NUMBER: P3A05R159735DE010 E3DLD1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	423.3
1°	423.8
2°	422.4
3°	419.6
4°	415.4
5°	410.3
6°	403.7
7°	396.7
8°	388.3
9°	379.5
10°	370.6
12.5°	345.0
15°	318.4
17.5°	291.8
20°	265.7
22.5°	239.2
25°	214.0
27.5°	188.8
30°	163.6
32.5°	138.9
35°	116.1
37.5°	96.5
40°	78.8
42.5°	62.5
45°	47.6
47.5°	35.9
50°	27.0
52.5°	20.0
55°	16.3
57.5°	14.5
60°	12.6
62.5°	11.2
65°	9.8
67.5°	8.4
70°	7.5
72.5°	6.1
75°	5.1
77.5°	4.2
80°	3.3
82.5°	2.3
85°	1.4
87.5°	0.5
90°	0.0

(END OF REPORT)