

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: P1264221

Luminaire Tested: P3A05R209730DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1264221
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-6)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R209730DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 3000K CCT AND, 97CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

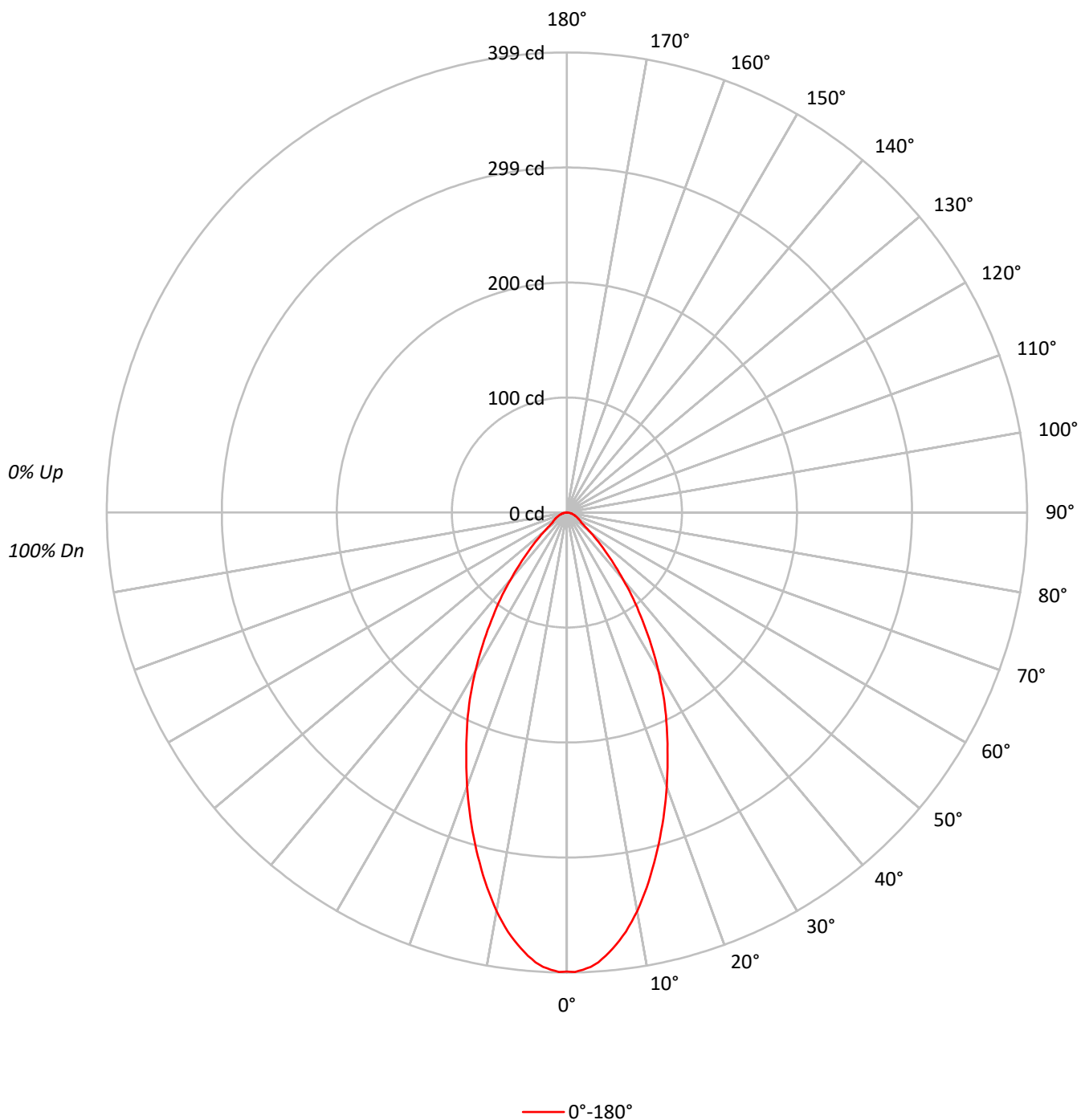
Lumens per Lamp: N/A
Luminaire Lumens: 352.9 lumens
Efficiency: N/A
Efficacy: 49.0 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1264221

CATALOG NUMBER: P3A05R209730DE010 E3DLD1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1264221

CATALOG NUMBER: P3A05R209730DE010 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	94	91	95	92	89		92	89	87		90
3	100	93	87	82	98	91	86	82	88	84	80		86	82	79		84
4	94	86	79	75	92	85	79	74	82	77	73		80	76	72		78
5	89	80	73	68	87	79	73	68	77	71	67		75	70	67		73
6	84	74	68	63	82	73	67	63	72	66	62		70	65	62		69
7	80	69	63	58	78	69	62	58	67	62	58		66	61	57		65
8	75	65	59	54	74	64	58	54	63	58	54		62	57	53		61
9	72	61	55	50	70	61	55	50	60	54	50		59	54	50		58
10	68	58	51	47	67	57	51	47	56	51	47		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	87318
5°	84988
10°	78177
15°	68809
20°	59015
25°	49575
30°	40082
35°	30490
40°	21698
45°	14327
50°	8870
55°	5811
60°	5307
65°	4877
70°	4616
75°	4151
80°	3915
85°	3271

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 14327 cd/sqm

TEST NUMBER: P1264221

CATALOG NUMBER: P3A05R209730DE010 E3DLD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	35.7	10.1
10°-20°	84.4	23.9
20°-30°	93.7	26.5
30°-40°	71.5	20.2
40°-50°	36.6	10.4
50°-60°	15.0	4.3
60°-70°	9.4	2.7
70°-80°	5.2	1.5
80°-90°	1.5	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°	213.8	60.6
0°-40°	285.2	80.8
0°-60°	336.8	95.4
0°-90°	352.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	352.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	398	
5°	386	36
15°	303	84
25°	205	94
35°	114	71
45°	46	37
55°	15	15
65°	9	9
75°	5	5
85°	1	1
90°	0	

TEST NUMBER: P1264221

CATALOG NUMBER: P3A05R209730DE010 E3DLD1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	398.2
1°	398.6
2°	396.8
3°	394.6
4°	391.0
5°	386.1
6°	380.3
7°	374.0
8°	367.2
9°	359.2
10°	351.1
12.5°	327.8
15°	303.1
17.5°	278.0
20°	252.9
22.5°	227.8
25°	204.9
27.5°	182.1
30°	158.3
32.5°	135.9
35°	113.9
37.5°	94.6
40°	75.8
42.5°	59.6
45°	46.2
47.5°	35.0
50°	26.0
52.5°	19.3
55°	15.2
57.5°	13.9
60°	12.1
62.5°	10.8
65°	9.4
67.5°	8.1
70°	7.2
72.5°	5.8
75°	4.9
77.5°	4.0
80°	3.1
82.5°	2.2
85°	1.3
87.5°	0.4
90°	0.0

(END OF REPORT)