

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: P1268627

Luminaire Tested: P3A02R309740DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1268627
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-14)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A02R309740DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R30 optic, 4000K CCT AND, 97CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

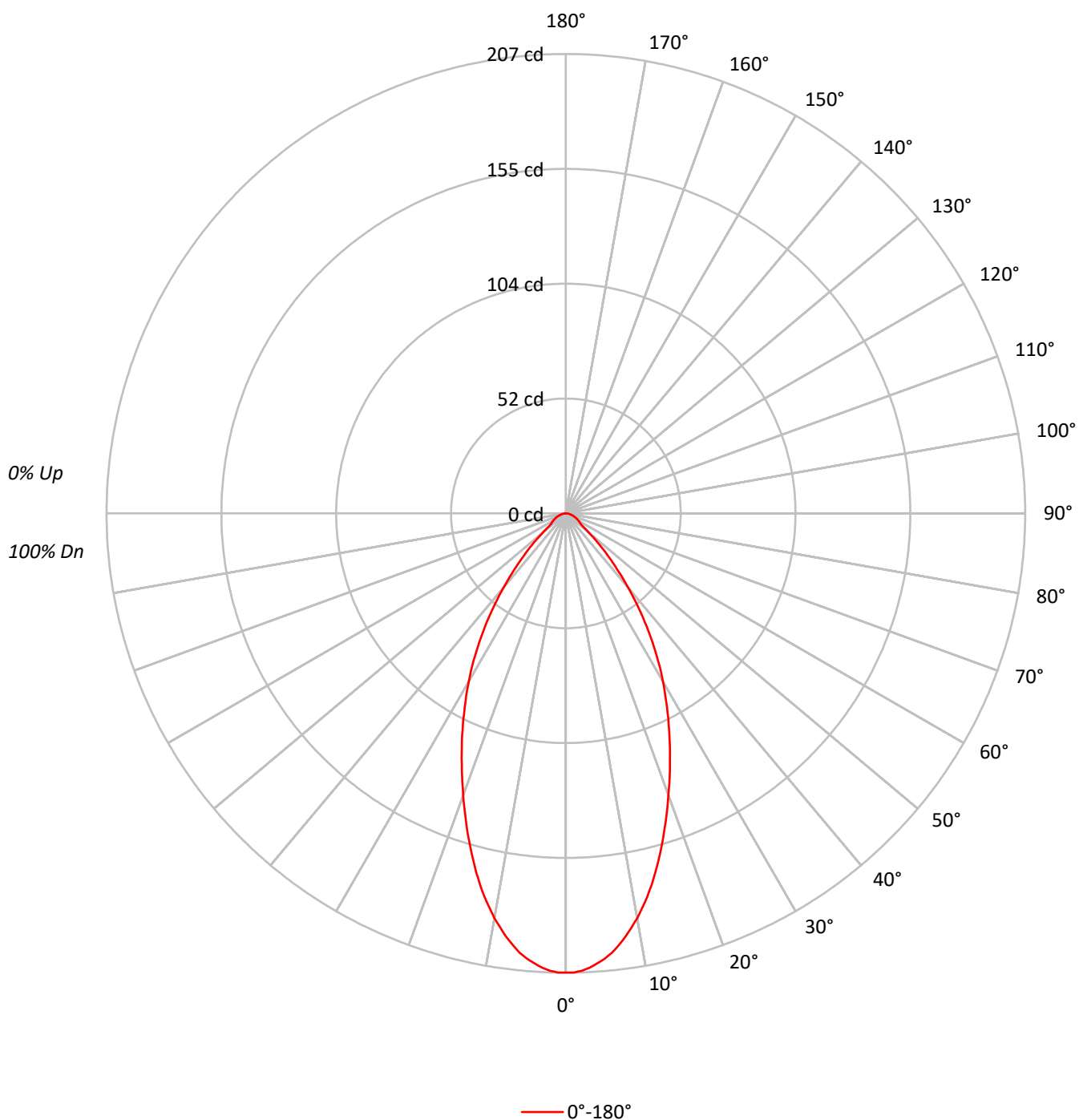
Lumens per Lamp: N/A
Luminaire Lumens: 192.0 lumens
Efficiency: N/A
Efficacy: 53.3 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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: P1268627

CATALOG NUMBER: P3A02R309740DE010 E3DLD1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1268627

CATALOG NUMBER: P3A02R309740DE010 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	112	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		89
3	100	92	87	82	98	91	86	82	88	84	80		86	82	79		84
4	94	85	79	74	92	84	79	74	82	77	73		80	76	72		78
5	89	79	73	68	87	78	72	68	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	62		70	65	61		69
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	58	54	74	64	58	53	63	57	53		62	57	53		61
9	71	61	54	50	70	60	54	50	59	54	50		58	53	50		57
10	68	57	51	47	67	57	51	47	56	50	47		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	45369
5°	44332
10°	41237
15°	36686
20°	31549
25°	26735
30°	22181
35°	17400
40°	12481
45°	8187
50°	4674
55°	3058
60°	2895
65°	2698
70°	2436
75°	2203
80°	2020
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 8187 cd/sqm

TEST NUMBER: P1268627

CATALOG NUMBER: P3A02R309740DE010 E3DLD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	18.7	9.7
10°-20°	44.9	23.4
20°-30°	50.6	26.4
30°-40°	40.4	21.1
40°-50°	20.8	10.8
50°-60°	7.8	4.1
60°-70°	5.1	2.7
70°-80°	2.8	1.4
80°-90°	0.8	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°	114.3	59.5
0°-40°	154.7	80.6
0°-60°	183.3	95.5
0°-90°	192.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	192.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	207	
5°	201	19
15°	162	45
25°	110	51
35°	65	40
45°	26	21
55°	8	8
65°	5	5
75°	3	3
85°	1	1
90°	0	

TEST NUMBER: P1268627

CATALOG NUMBER: P3A02R309740DE010 E3DLD1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	206.9
1°	206.9
2°	206.2
3°	205.0
4°	203.3
5°	201.4
6°	199.1
7°	196.0
8°	192.7
9°	189.0
10°	185.2
11°	180.9
12°	176.5
13°	171.8
14°	166.8
15°	161.6
17.5°	148.4
20°	135.2
22.5°	122.5
25°	110.5
27.5°	98.7
30°	87.6
32.5°	76.3
35°	65.0
37.5°	54.0
40°	43.6
42.5°	34.4
45°	26.4
47.5°	19.6
50°	13.7
52.5°	9.7
55°	8.0
57.5°	7.3
60°	6.6
62.5°	5.9
65°	5.2
67.5°	4.5
70°	3.8
72.5°	3.1
75°	2.6
77.5°	2.1
80°	1.6
82.5°	1.2
85°	0.7
87.5°	0.2



TEST NUMBER: P1268627

CATALOG NUMBER: P3A02R309740DE010 E3DLD1MW

CANDELA DISTRIBUTION (continued):



(END OF REPORT)