

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: P1269003

Luminaire Tested: P3A05R259740DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1269003
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: P3A05R259740DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R25 optic, 4000K CCT AND, 97CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

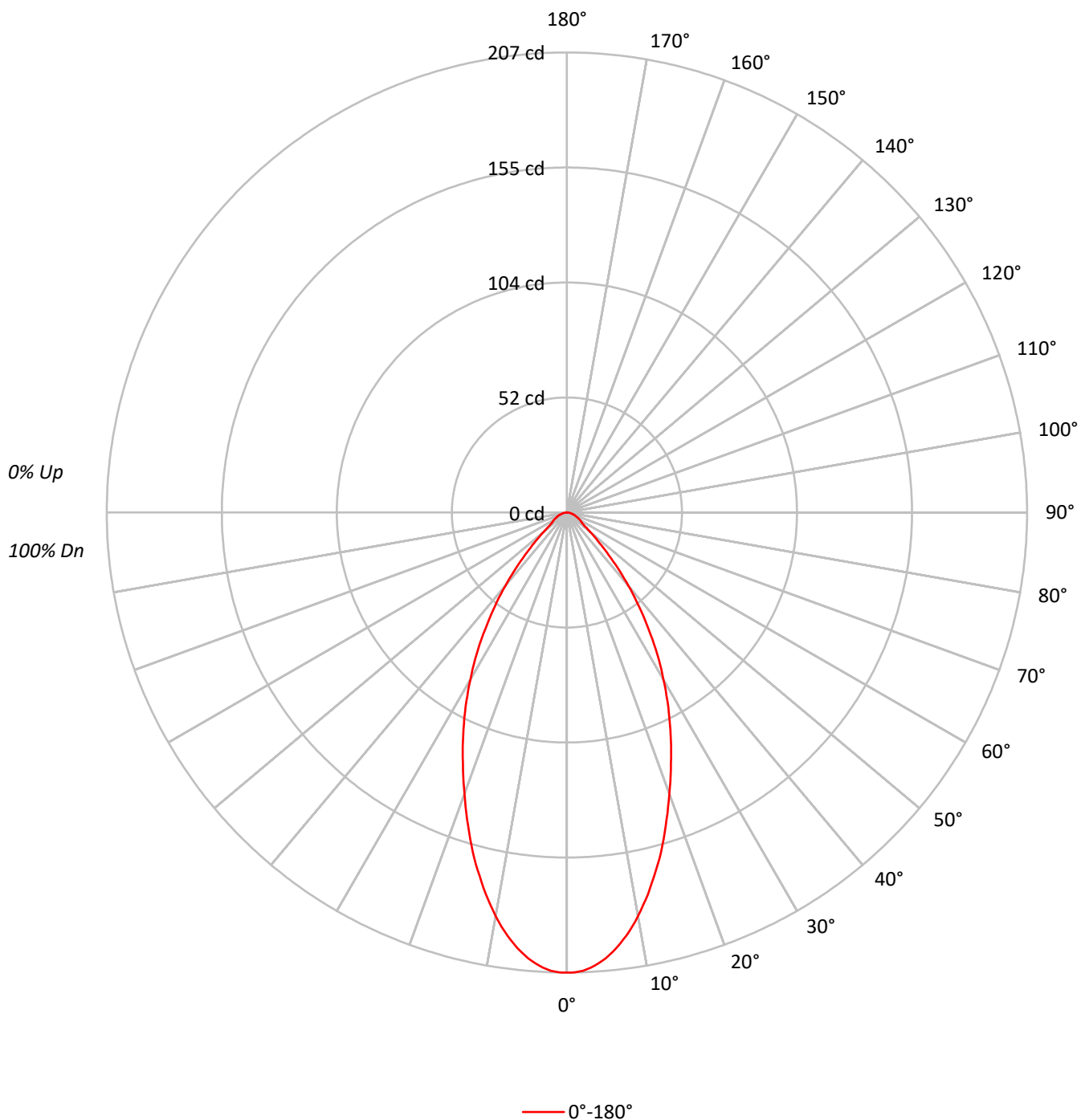
Lumens per Lamp: N/A
Luminaire Lumens: 191.0 lumens
Efficiency: N/A
Efficacy: 26.5 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1269003

CATALOG NUMBER: P3A05R259740DE010 E3DLD1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1269003

CATALOG NUMBER: P3A05R259740DE010 E3DLD1GPH

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		83
4	94	85	79	74	92	84	78	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°	45391
5°	44310
10°	41059
15°	36572
20°	31433
25°	26711
30°	22003
35°	17132
40°	12337
45°	7815
50°	4640
55°	3173
60°	2938
65°	2698
70°	2436
75°	2203
80°	2147
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 7815 cd/sqm

TEST NUMBER: P1269003

CATALOG NUMBER: P3A05R259740DE010 E3DLD1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	18.7	9.8
10°-20°	44.7	23.4
20°-30°	50.5	26.5
30°-40°	40.0	20.9
40°-50°	20.2	10.6
50°-60°	8.1	4.2
60°-70°	5.2	2.7
70°-80°	2.8	1.5
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°	113.9	59.7
0°-40°	153.9	80.6
0°-60°	182.2	95.4
0°-90°	191.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	191.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	207	
5°	201	19
15°	161	45
25°	110	51
35°	64	40
45°	25	20
55°	8	8
65°	5	5
75°	3	3
85°	1	1
90°	0	

TEST NUMBER: P1269003

CATALOG NUMBER: P3A05R259740DE010 E3DLD1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	207.0
1°	207.0
2°	206.3
3°	205.1
4°	203.4
5°	201.3
6°	198.7
7°	195.6
8°	192.3
9°	188.5
10°	184.4
11°	179.9
12°	175.6
13°	170.6
14°	165.8
15°	161.1
17.5°	147.8
20°	134.7
22.5°	122.3
25°	110.4
27.5°	98.7
30°	86.9
32.5°	75.7
35°	64.0
37.5°	53.3
40°	43.1
42.5°	33.6
45°	25.2
47.5°	18.8
50°	13.6
52.5°	10.2
55°	8.3
57.5°	7.6
60°	6.7
62.5°	5.9
65°	5.2
67.5°	4.5
70°	3.8
72.5°	3.3
75°	2.6
77.5°	2.1
80°	1.7
82.5°	1.2
85°	0.7
87.5°	0.2



TEST NUMBER: P1269003

CATALOG NUMBER: P3A05R259740DE010 E3DLD1GPH

CANDELA DISTRIBUTION (continued):



(END OF REPORT)