

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: P1265757

Luminaire Tested: P3A20R259730D010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1265757
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: P3A20R259730D010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R25 optic, 3000K CCT AND, 97CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

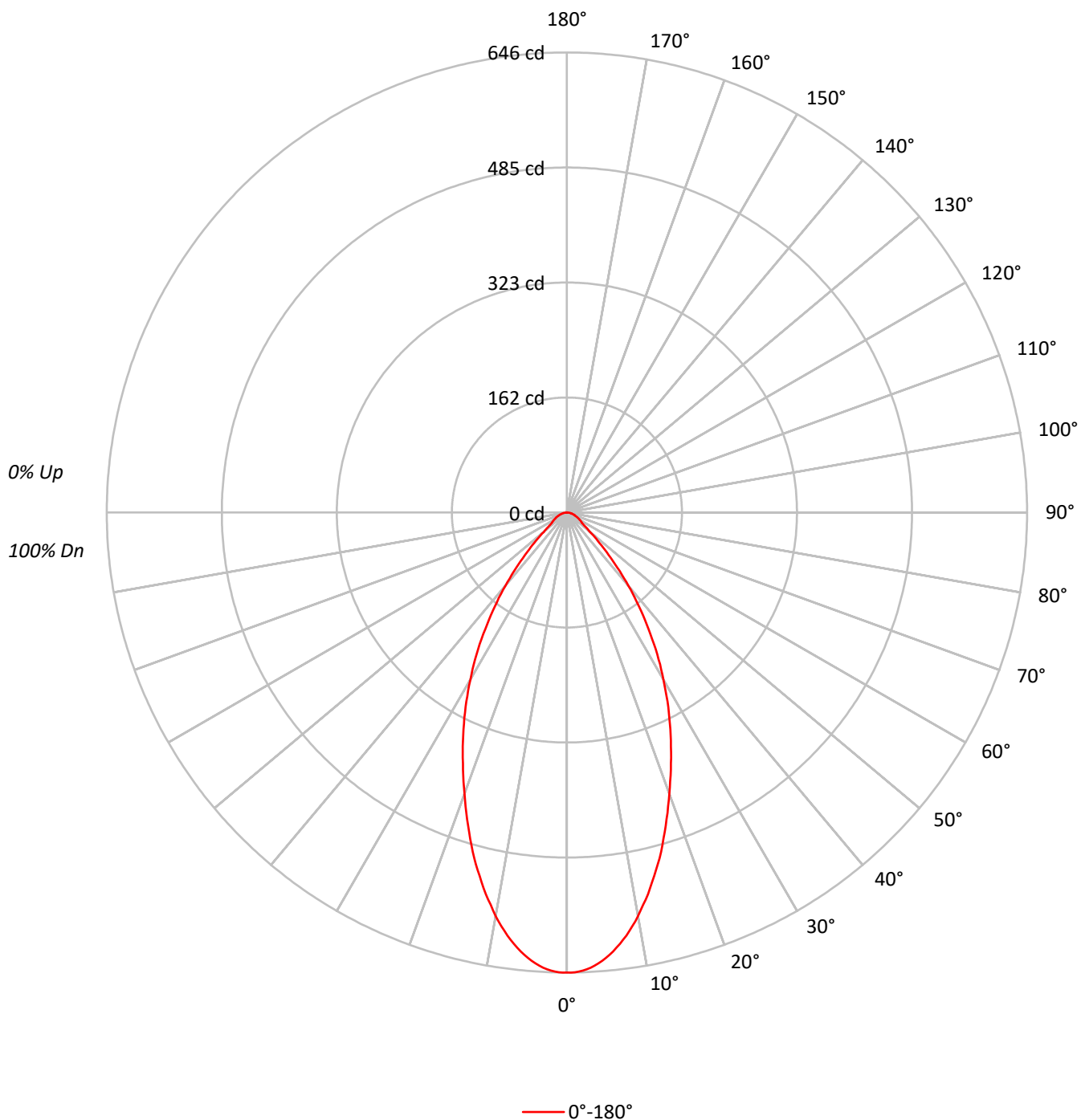
Lumens per Lamp: N/A
Luminaire Lumens: 596.0 lumens
Efficiency: N/A
Efficacy: 20.7 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 28.8
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

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Luminous Intensity Polar Plot





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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°	141655
5°	138256
10°	128121
15°	114121
20°	98055
25°	83352
30°	68618
35°	53458
40°	38472
45°	24406
50°	14430
55°	9940
60°	9122
65°	8457
70°	7629
75°	6947
80°	6566
85°	5535

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 24406 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	58.3	9.8
10°-20°	139.5	23.4
20°-30°	157.7	26.5
30°-40°	124.7	20.9
40°-50°	63.0	10.6
50°-60°	25.2	4.2
60°-70°	16.2	2.7
70°-80°	8.9	1.5
80°-90°	2.5	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°	355.5	59.6
0°-40°	480.2	80.6
0°-60°	568.4	95.4
0°-90°	596.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	596.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	646	
5°	628	58
15°	503	140
25°	344	158
35°	200	125
45°	79	63
55°	26	25
65°	16	16
75°	8	9
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	646.0
1°	646.0
2°	643.7
3°	640.0
4°	634.8
5°	628.1
6°	620.0
7°	610.3
8°	599.9
9°	588.1
10°	575.4
11°	561.3
12°	548.0
13°	532.4
14°	517.5
15°	502.7
17.5°	461.1
20°	420.2
22.5°	381.6
25°	344.5
27.5°	308.1
30°	271.0
32.5°	236.1
35°	199.7
37.5°	166.3
40°	134.4
42.5°	104.7
45°	78.7
47.5°	58.7
50°	42.3
52.5°	31.9
55°	26.0
57.5°	23.8
60°	20.8
62.5°	18.6
65°	16.3
67.5°	14.1
70°	11.9
72.5°	10.4
75°	8.2
77.5°	6.7
80°	5.2
82.5°	3.7
85°	2.2
87.5°	0.7



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)