

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: P1270575

Luminaire Tested: P3A20R359740D010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1270575
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-18)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A20R359740D010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R35 optic, 4000K CCT AND, 97CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

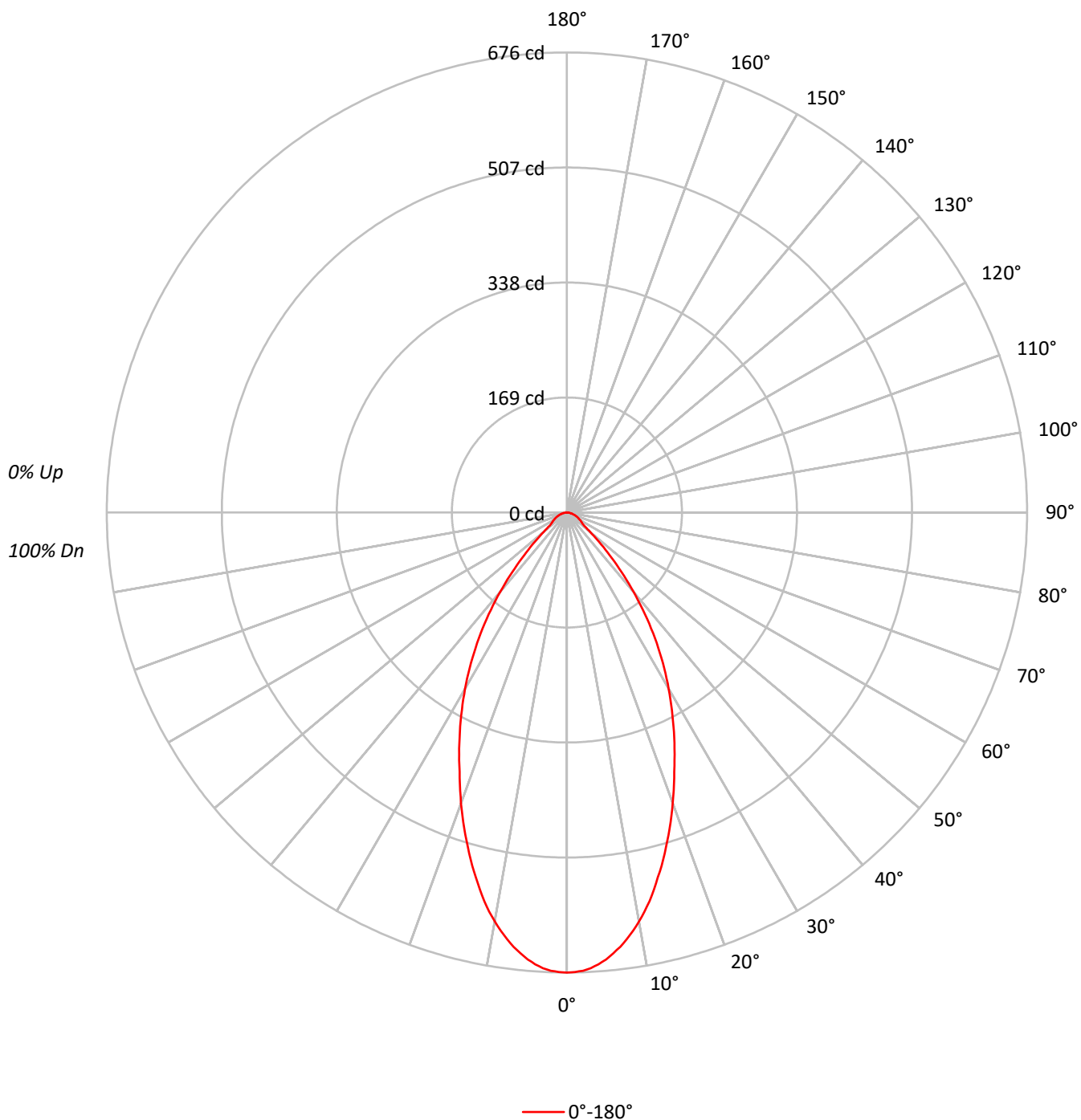
Lumens per Lamp: N/A
Luminaire Lumens: 649.0 lumens
Efficiency: N/A
Efficacy: 22.5 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	104	102	103	101	99		99	98	96		96
2	106	100	96	92	104	98	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	81	88	84	80		86	82	79		83
4	94	85	79	74	92	84	78	74	82	77	73		80	75	72		78
5	89	79	73	68	87	78	72	67	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	61		70	65	61		68
7	79	69	62	57	78	68	62	57	67	61	57		65	60	57		64
8	75	64	58	53	74	64	57	53	63	57	53		62	56	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	51	46	66	56	50	46	56	50	46		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	148256
5°	145102
10°	135891
15°	121976
20°	106106
25°	90417
30°	75733
35°	60338
40°	43625
45°	27600
50°	15044
55°	10437
60°	9868
65°	9132
70°	8719
75°	7456
80°	7072
85°	6038

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 27600 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	61.3	9.5
10°-20°	149.5	23.0
20°-30°	171.3	26.4
30°-40°	139.9	21.5
40°-50°	70.5	10.9
50°-60°	26.2	4.0
60°-70°	17.5	2.7
70°-80°	9.7	1.5
80°-90°	2.9	0.5
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°	382.2	58.9
0°-40°	522.1	80.4
0°-60°	618.8	95.4
0°-90°	649.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	649.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	676	
5°	659	61
15°	537	150
25°	374	171
35°	225	140
45°	89	71
55°	27	26
65°	18	18
75°	9	10
85°	2	3
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	676.1
1°	675.3
2°	673.7
3°	670.5
4°	665.7
5°	659.2
6°	651.2
7°	643.2
8°	632.8
9°	622.3
10°	610.3
11°	597.5
12°	583.8
13°	568.6
14°	552.6
15°	537.3
17.5°	496.4
20°	454.7
22.5°	412.2
25°	373.7
27.5°	336.0
30°	299.1
32.5°	262.3
35°	225.4
37.5°	188.5
40°	152.4
42.5°	118.7
45°	89.0
47.5°	64.2
50°	44.1
52.5°	32.1
55°	27.3
57.5°	24.9
60°	22.5
62.5°	20.0
65°	17.6
67.5°	15.2
70°	13.6
72.5°	11.2
75°	8.8
77.5°	7.2
80°	5.6
82.5°	4.0
85°	2.4
87.5°	1.6



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CANDELA DISTRIBUTION (continued):



(END OF REPORT)