

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: P1247528

Luminaire Tested: P3A20R159024D010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1247528
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A20R159024D010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R15 optic, 2400K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

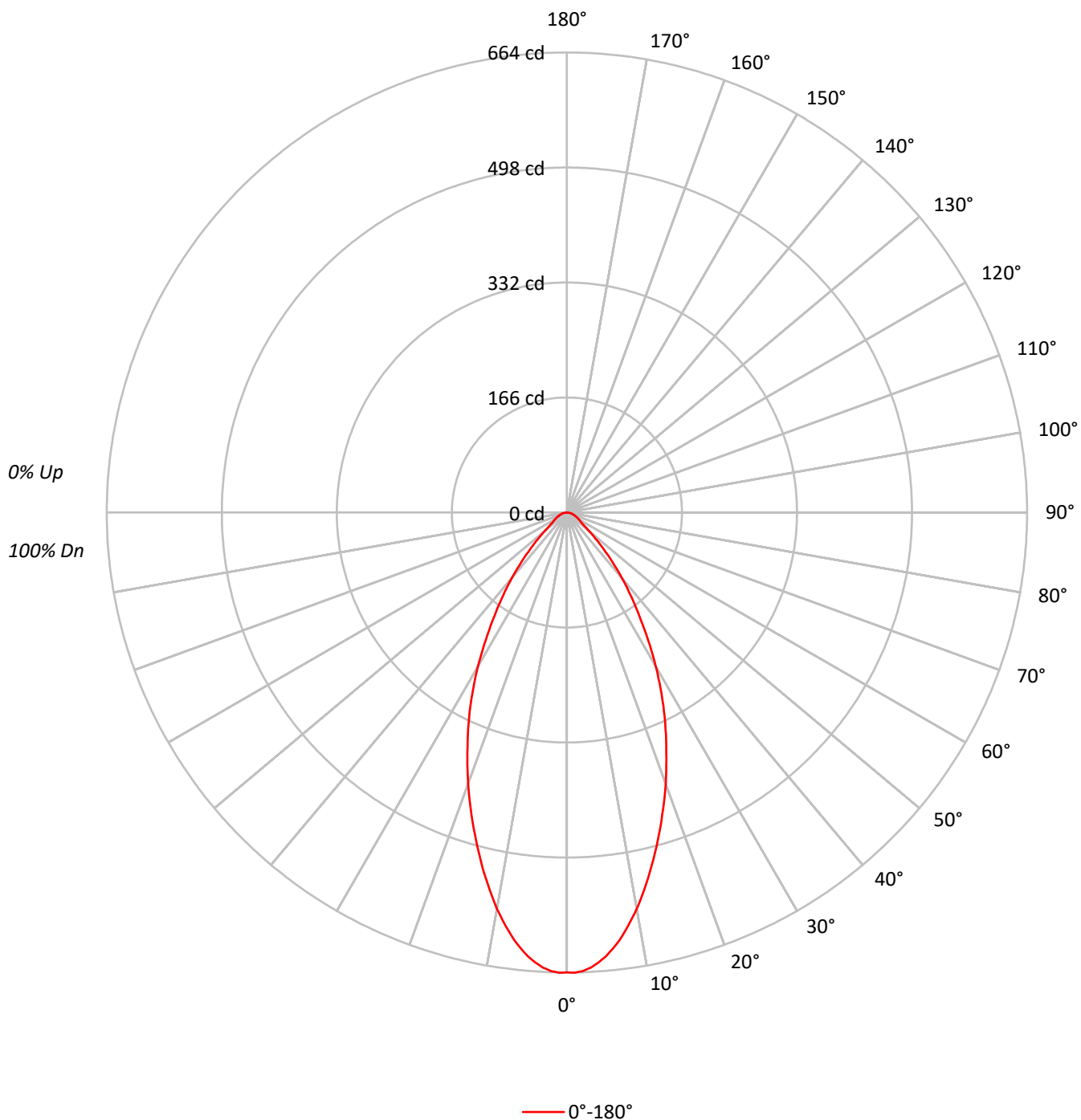
Lumens per Lamp: N/A
Luminaire Lumens: 577.0 lumens
Efficiency: N/A
Efficacy: 20.0 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	113	109	106	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	95	91	95	92	89		92	90	87		90
3	100	93	87	83	98	91	86	82	89	84	81		86	82	79		84
4	94	86	80	75	92	85	79	74	82	77	73		80	76	73		78
5	89	80	73	68	87	79	73	68	77	72	67		75	71	67		74
6	84	74	68	63	83	73	67	63	72	66	62		70	66	62		69
7	80	69	63	58	78	69	63	58	67	62	58		66	61	57		65
8	76	65	59	54	74	65	58	54	63	58	54		62	57	54		61
9	72	61	55	51	71	61	55	51	60	54	50		59	54	50		58
10	68	58	52	48	67	57	51	47	57	51	47		56	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	145537
5°	141602
10°	129390
15°	113349
20°	97238
25°	81174
30°	64972
35°	48720
40°	35352
45°	23134
50°	14464
55°	9787
60°	8640
65°	7990
70°	7501
75°	6778
80°	6440
85°	5535

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 23134 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	59.4	10.3
10°-20°	139.1	24.1
20°-30°	153.3	26.6
30°-40°	114.8	19.9
40°-50°	59.5	10.3
50°-60°	24.7	4.3
60°-70°	15.3	2.6
70°-80°	8.6	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°	351.7	61.0
0°-40°	466.5	80.8
0°-60°	550.7	95.4
0°-90°	577.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	577.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	664	
5°	643	59
15°	499	139
25°	336	153
35°	182	115
45°	75	59
55°	26	25
65°	15	15
75°	8	9
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	663.7
1°	664.4
2°	662.3
3°	657.9
4°	651.3
5°	643.3
6°	633.0
7°	622.1
8°	608.9
9°	595.0
10°	581.1
12.5°	540.9
15°	499.3
17.5°	457.6
20°	416.7
22.5°	375.0
25°	335.5
27.5°	296.0
30°	256.6
32.5°	217.8
35°	182.0
37.5°	151.3
40°	123.5
42.5°	97.9
45°	74.6
47.5°	56.3
50°	42.4
52.5°	31.4
55°	25.6
57.5°	22.7
60°	19.7
62.5°	17.5
65°	15.4
67.5°	13.2
70°	11.7
72.5°	9.5
75°	8.0
77.5°	6.6
80°	5.1
82.5°	3.7
85°	2.2
87.5°	0.7
90°	0.0

(END OF REPORT)