

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: P1288151

Luminaire Tested: P3A05R20W2N902750DE010 E3DLD1GPH_3500K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1288151
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-6)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R20W2N902750DE010 E3DLD1GPH_3500K
Description: 3in Adjustable Tunable White LED luminaire with, R20 optic, 3500K CCT AND, 90CRI ,
E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

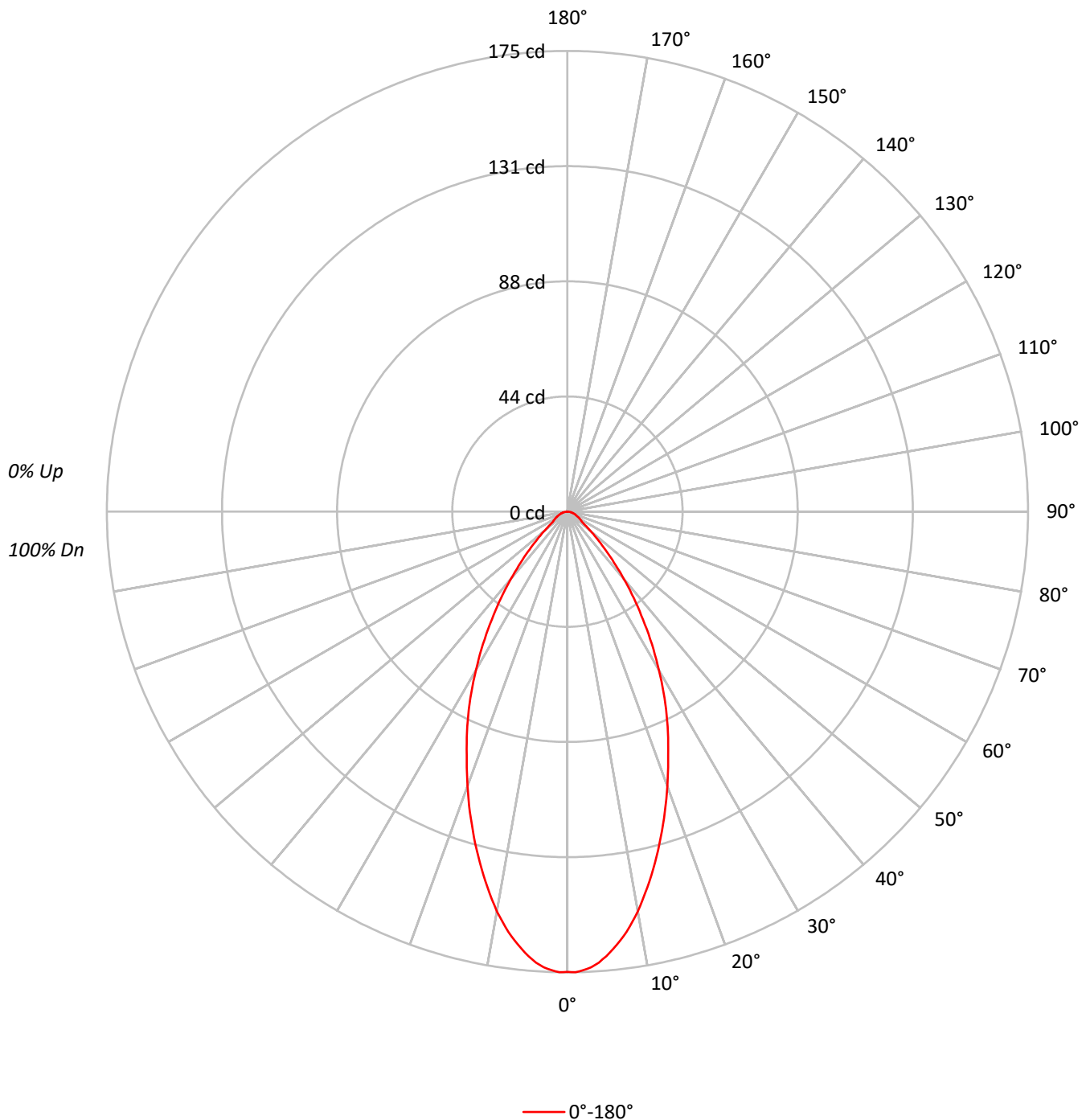
Lumens per Lamp: N/A
Luminaire Lumens: 155.0 lumens
Efficiency: N/A
Efficacy: 26.3 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 5.9
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	94	91	95	92	89		92	89	87		90
3	100	93	87	82	98	91	86	82	88	84	80		86	82	79		84
4	94	86	79	75	92	84	79	74	82	77	73		80	76	72		78
5	89	80	73	68	87	79	73	68	77	71	67		75	70	67		73
6	84	74	68	63	82	73	67	63	72	66	62		70	65	62		69
7	80	69	63	58	78	69	62	58	67	62	58		66	61	57		65
8	75	65	59	54	74	64	58	54	63	58	54		62	57	53		61
9	72	61	55	50	70	61	55	50	60	54	50		59	54	50		58
10	68	58	51	47	67	57	51	47	56	51	47		56	50	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	38330
5°	37310
10°	34335
15°	30216
20°	25902
25°	21775
30°	17598
35°	13385
40°	9532
45°	6295
50°	3889
55°	2561
60°	2324
65°	2127
70°	2052
75°	1864
80°	1768
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 6295 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	15.7	10.1
10°-20°	37.1	23.9
20°-30°	41.1	26.5
30°-40°	31.4	20.2
40°-50°	16.1	10.4
50°-60°	6.6	4.3
60°-70°	4.1	2.6
70°-80°	2.3	1.5
80°-90°	0.7	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°	93.9	60.5
0°-40°	125.2	80.8
0°-60°	147.9	95.4
0°-90°	155.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	155.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	175	
5°	170	16
15°	133	37
25°	90	41
35°	50	31
45°	20	16
55°	7	7
65°	4	4
75°	2	2
85°	1	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	174.8
1°	175.0
2°	174.3
3°	173.3
4°	171.7
5°	169.5
6°	167.0
7°	164.2
8°	161.3
9°	157.7
10°	154.2
12.5°	143.9
15°	133.1
17.5°	122.1
20°	111.0
22.5°	100.0
25°	90.0
27.5°	79.9
30°	69.5
32.5°	59.7
35°	50.0
37.5°	41.5
40°	33.3
42.5°	26.2
45°	20.3
47.5°	15.4
50°	11.4
52.5°	8.5
55°	6.7
57.5°	6.1
60°	5.3
62.5°	4.7
65°	4.1
67.5°	3.5
70°	3.2
72.5°	2.6
75°	2.2
77.5°	1.8
80°	1.4
82.5°	1.0
85°	0.6
87.5°	0.2
90°	0.0

(END OF REPORT)