

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: P1288153

Luminaire Tested: P3AS05R20W2N902750DE010 E3DLD1GPH_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1288153
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: P3AS05R20W2N902750DE010 E3DLD1GPH_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R20 optic, 5000K CCT AND, 90CRI ,
E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

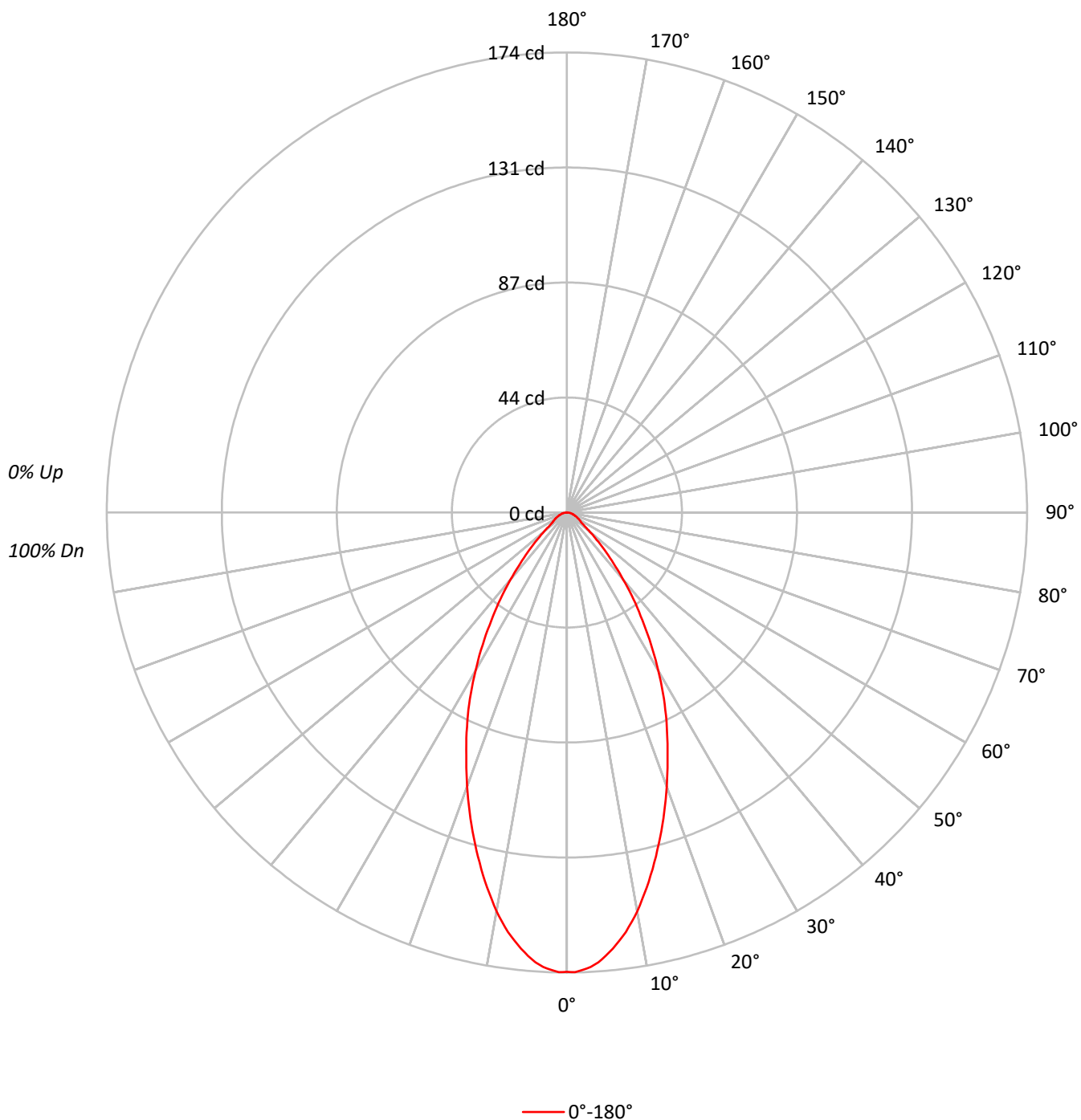
Lumens per Lamp: N/A
Luminaire Lumens: 154.0 lumens
Efficiency: N/A
Efficacy: 26.1 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1288153

CATALOG NUMBER: P3AS05R20W2N902750DE010 E3DLD1GPH_5000K

Luminous Intensity Polar Plot



TEST NUMBER: P1288153

CATALOG NUMBER: P3AS05R20W2N902750DE010 E3DLD1GPH_5000K

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				20
RC	80				70				50				30				10				0
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50	30	10		0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102	102	102		100
1	113	109	106	104	110	107	105	102	103	101	99		99	98	96		96	95	93		91
2	106	100	96	92	104	99	94	91	95	92	89		92	89	87		90	87	85		83
3	100	93	87	82	98	91	86	82	88	84	80		86	82	79		84	81	78		76
4	94	86	79	75	92	84	79	74	82	77	73		80	76	72		78	75	72		70
5	89	80	73	68	87	79	73	68	77	71	67		75	70	67		73	69	66		64
6	84	74	68	63	82	73	67	63	72	66	62		70	65	62		69	65	61		60
7	80	69	63	58	78	69	62	58	67	62	58		66	61	57		65	60	57		55
8	75	65	59	54	74	64	58	54	63	58	54		62	57	53		61	57	53		52
9	72	61	55	50	70	61	55	50	60	54	50		59	54	50		58	53	50		48
10	68	58	51	47	67	57	51	47	56	51	47		56	50	47		55	50	47		45

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	38089
5°	37068
10°	34112
15°	30012
20°	25739
25°	21630
30°	17496
35°	13304
40°	9475
45°	6233
50°	3855
55°	2561
60°	2324
65°	2127
70°	1988
75°	1864
80°	1768
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 6233 cd/sqm

TEST NUMBER: P1288153

CATALOG NUMBER: P3AS05R20W2N902750DE010 E3DLD1GPH_5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	15.6	10.1
10°-20°	36.8	23.9
20°-30°	40.9	26.5
30°-40°	31.2	20.2
40°-50°	16.0	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°	93.3	60.5
0°-40°	124.4	80.8
0°-60°	147.0	95.4
0°-90°	154.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	154.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	174	
5°	168	16
15°	132	37
25°	89	41
35°	50	31
45°	20	16
55°	7	7
65°	4	4
75°	2	2
85°	1	1
90°	0	



TEST NUMBER: P1288153

CATALOG NUMBER: P3AS05R20W2N902750DE010 E3DLD1GPH_5000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	173.7
1°	173.9
2°	173.1
3°	172.1
4°	170.6
5°	168.4
6°	165.9
7°	163.1
8°	160.2
9°	156.7
10°	153.2
12.5°	143.0
15°	132.2
17.5°	121.3
20°	110.3
22.5°	99.4
25°	89.4
27.5°	79.4
30°	69.1
32.5°	59.3
35°	49.7
37.5°	41.3
40°	33.1
42.5°	26.0
45°	20.1
47.5°	15.3
50°	11.3
52.5°	8.4
55°	6.7
57.5°	6.1
60°	5.3
62.5°	4.7
65°	4.1
67.5°	3.5
70°	3.1
72.5°	2.5
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)