

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: P1288766

Luminaire Tested: P3A05R30W2N902750DE010 E3DL1GPH_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1288766
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A05R30W2N902750DE010 E3DL1GPH_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R30 optic, 5000K CCT AND, 90CRI ,
E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

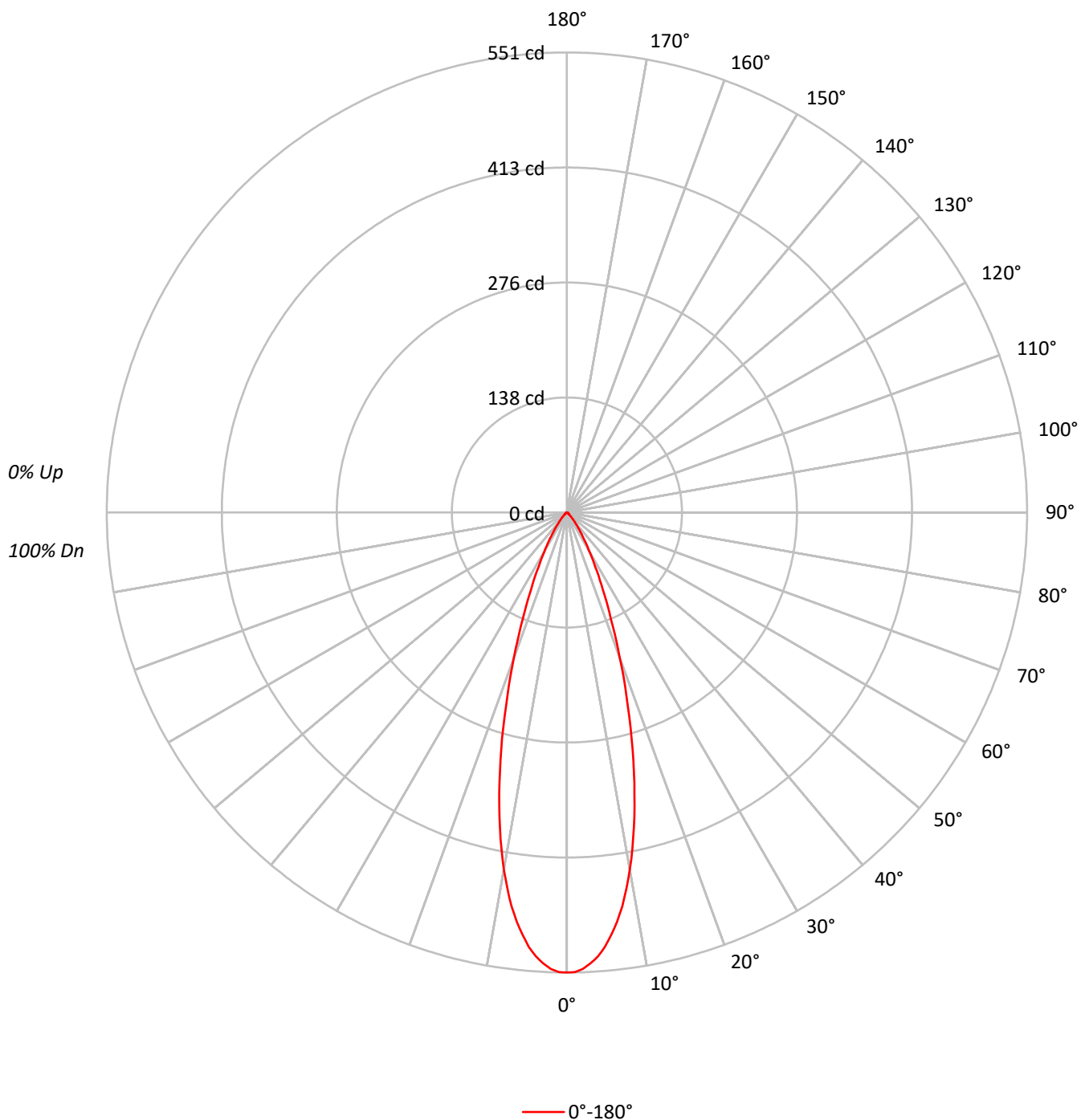
Lumens per Lamp: N/A
Luminaire Lumens: 207.1 lumens
Efficiency: N/A
Efficacy: 35.1 lumens/watt
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1288766

CATALOG NUMBER: P3A05R30W2N902750DE010 E3DL1GPH_5000K

Luminous Intensity Polar Plot



TEST NUMBER: P1288766

CATALOG NUMBER: P3A05R30W2N902750DE010 E3DL1GPH_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	114	112	110	108	112	110	108	106	106	104	103		102	101	100		99	98	97		95
2	110	105	102	99	107	104	101	98	101	98	96		98	96	94		95	93	92		90
3	105	100	95	92	103	98	95	91	96	93	90		94	91	89		91	89	87		86
4	101	95	90	86	99	94	89	86	92	88	85		90	87	84		88	85	83		82
5	97	90	85	82	96	89	85	81	88	84	81		86	83	80		85	82	79		78
6	94	86	81	78	92	85	81	77	84	80	77		83	79	76		81	78	76		75
7	90	82	77	74	89	82	77	74	81	76	73		80	76	73		78	75	73		71
8	87	79	74	71	86	79	74	71	78	73	70		77	73	70		76	72	70		69
9	84	76	71	68	83	75	71	68	75	70	67		74	70	67		73	70	67		66
10	81	73	68	65	80	73	68	65	72	68	65		71	67	65		71	67	65		63

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	120802
5°	114968
10°	96703
15°	69739
20°	43264
25°	24606
30°	13673
35°	7442
40°	3922
45°	2109
50°	1126
55°	765
60°	702
65°	726
70°	641
75°	508
80°	505
85°	503

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 2109 cd/sqm

TEST NUMBER: P1288766

CATALOG NUMBER: P3A05R30W2N902750DE010 E3DL1GPH_5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	47.0	22.7
10°-20°	83.6	40.4
20°-30°	48.3	23.3
30°-40°	18.4	8.9
40°-50°	5.6	2.7
50°-60°	1.9	0.9
60°-70°	1.3	0.6
70°-80°	0.7	0.3
80°-90°	0.2	0.1
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°	179.0	86.4
0°-40°	197.3	95.3
0°-60°	204.8	98.9
0°-90°	207.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	207.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	551	
5°	522	47
15°	307	84
25°	102	48
35°	28	18
45°	7	6
55°	2	2
65°	1	1
75°	1	1
85°	0	0
90°	0	

TEST NUMBER: P1288766

CATALOG NUMBER: P3A05R30W2N902750DE010 E3DL1GPH_5000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	550.9
1°	550.5
2°	547.1
3°	540.9
4°	533.1
5°	522.3
6°	508.6
7°	493.4
8°	476.3
9°	456.0
10°	434.3
11°	410.8
12°	386.0
13°	360.0
14°	333.6
15°	307.2
17.5°	242.3
20°	185.4
22.5°	137.5
25°	101.7
27.5°	73.9
30°	54.0
32.5°	38.9
35°	27.8
37.5°	19.4
40°	13.7
42.5°	9.6
45°	6.8
47.5°	4.7
50°	3.3
52.5°	2.3
55°	2.0
57.5°	1.8
60°	1.6
62.5°	1.4
65°	1.4
67.5°	1.2
70°	1.0
72.5°	0.8
75°	0.6
77.5°	0.6
80°	0.4
82.5°	0.4
85°	0.2
87.5°	0.0



TEST NUMBER: P1288766

CATALOG NUMBER: P3A05R30W2N902750DE010 E3DL1GPH_5000K

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)