

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: P1296374

Luminaire Tested: P3A13R30W2N902750DE010 E3DL1WH_3500K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1296374
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R30W2N902750DE010 E3DL1WH_3500K
Description: 3in Adjustable Tunable White LED luminaire with, R30 optic, 3500K CCT AND, 90CRI ,
E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

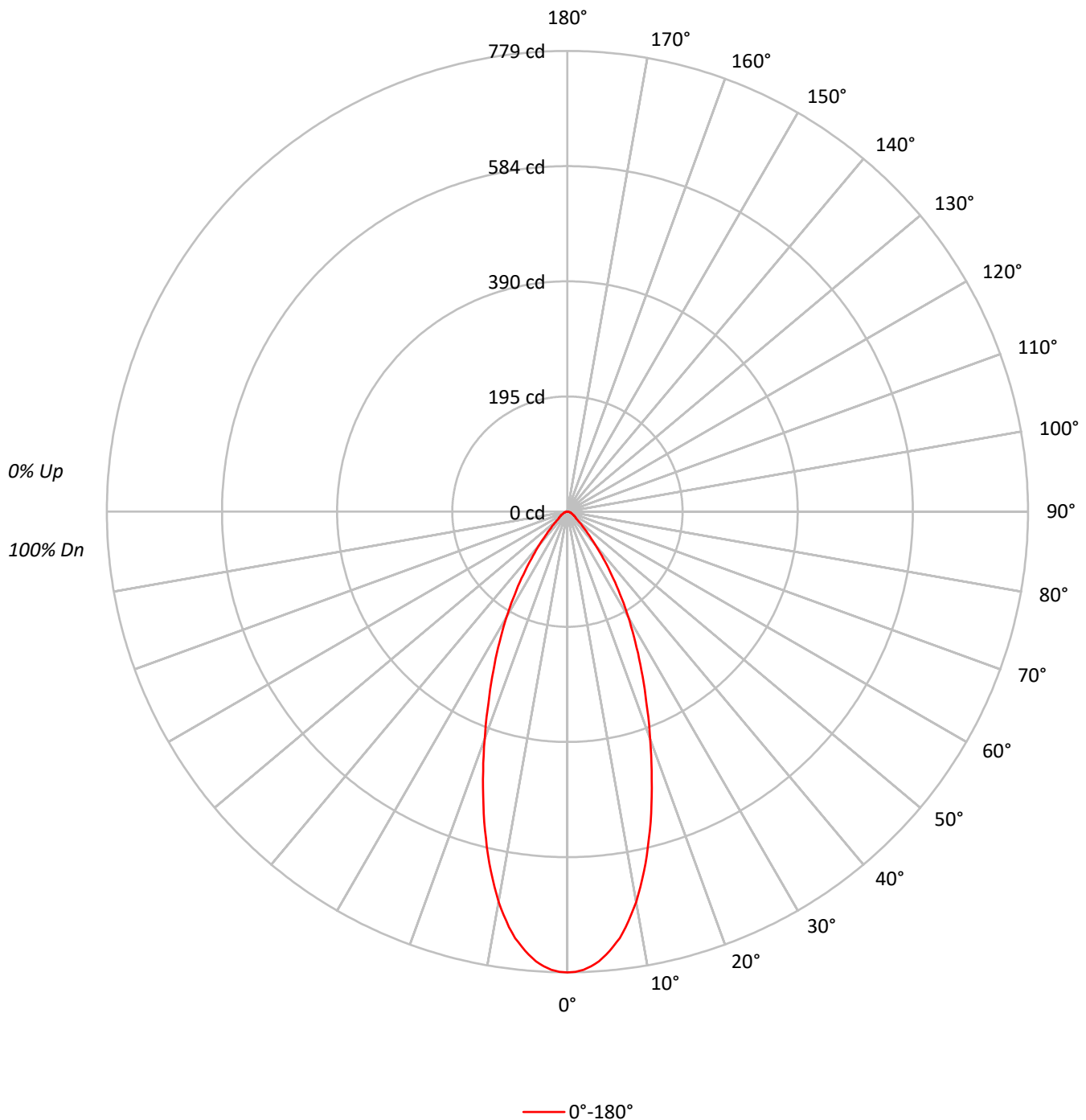
Lumens per Lamp: N/A
Luminaire Lumens: 500.1 lumens
Efficiency: N/A
Efficacy: 40.7 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 12.3
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: P1296374

CATALOG NUMBER: P3A13R30W2N902750DE010 E3DL1WH_3500K

Luminous Intensity Polar Plot



TEST NUMBER: P1296374

CATALOG NUMBER: P3A13R30W2N902750DE010 E3DL1WH_3500K

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	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	110	108	105	111	108	106	104	104	102	100		100	99	97		97	96	95	93
2	107	102	98	95	105	101	97	94	97	94	92		94	92	90		92	90	88	86
3	102	95	90	86	100	94	89	85	91	87	84		89	86	83		87	84	82	80
4	97	89	84	79	95	88	83	79	86	81	78		84	80	77		82	79	76	74
5	92	84	78	73	90	83	77	73	81	76	72		79	75	72		78	74	71	70
6	88	79	73	68	86	78	72	68	76	71	68		75	71	67		74	70	67	65
7	83	74	68	64	82	74	68	64	72	67	63		71	67	63		70	66	63	61
8	80	70	64	60	78	70	64	60	69	63	60		67	63	60		67	62	59	58
9	76	67	61	57	75	66	60	57	65	60	56		64	60	56		63	59	56	55
10	73	63	58	54	72	63	57	54	62	57	53		61	57	53		60	56	53	52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	170864
5°	165529
10°	149162
15°	123383
20°	95535
25°	71665
30°	52033
35°	34666
40°	21297
45°	12497
50°	7676
55°	6232
60°	5438
65°	4410
70°	3975
75°	3982
80°	2904
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 12497 cd/sqm

TEST NUMBER: P1296374

CATALOG NUMBER: P3A13R30W2N902750DE010 E3DL1WH_3500K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	69.2	13.8
10°-20°	149.7	29.9
20°-30°	136.2	27.2
30°-40°	82.3	16.5
40°-50°	33.0	6.6
50°-60°	14.6	2.9
60°-70°	8.8	1.8
70°-80°	4.8	1.0
80°-90°	1.4	0.3
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°	355.1	71.0
0°-40°	437.4	87.5
0°-60°	485.0	97.0
0°-90°	500.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	500.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	779	
5°	752	69
15°	544	150
25°	296	136
35°	130	82
45°	40	33
55°	16	15
65°	8	9
75°	5	5
85°	2	1
90°	0	

TEST NUMBER: P1296374

CATALOG NUMBER: P3A13R30W2N902750DE010 E3DL1WH_3500K

CANDELA DISTRIBUTION (FULL):

0°	
0°	779.2
1°	778.4
2°	775.3
3°	769.9
4°	762.1
5°	752.0
6°	739.6
7°	726.5
8°	709.4
9°	690.0
10°	669.9
11°	646.6
12°	621.8
13°	597.0
14°	569.8
15°	543.5
17.5°	474.5
20°	409.4
22.5°	348.9
25°	296.2
27.5°	248.1
30°	205.5
32.5°	165.9
35°	129.5
37.5°	99.2
40°	74.4
42.5°	54.3
45°	40.3
47.5°	30.2
50°	22.5
52.5°	17.8
55°	16.3
57.5°	14.0
60°	12.4
62.5°	10.1
65°	8.5
67.5°	7.8
70°	6.2
72.5°	5.4
75°	4.7
77.5°	3.9
80°	2.3
82.5°	1.6
85°	1.6
87.5°	0.8



TEST NUMBER: P1296374

CATALOG NUMBER: P3A13R30W2N902750DE010 E3DL1WH_3500K

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)