

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: P1296257

Luminaire Tested: P3A13R25W2N902765DE010 E3DLP1LI_3500K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1296257
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-9)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R25W2N902765DE010 E3DLP1LI_3500K
Description: 3in Adjustable Tunable White LED luminaire with, R25 optic, 3500K CCT AND, 90CRI , E3DLP1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

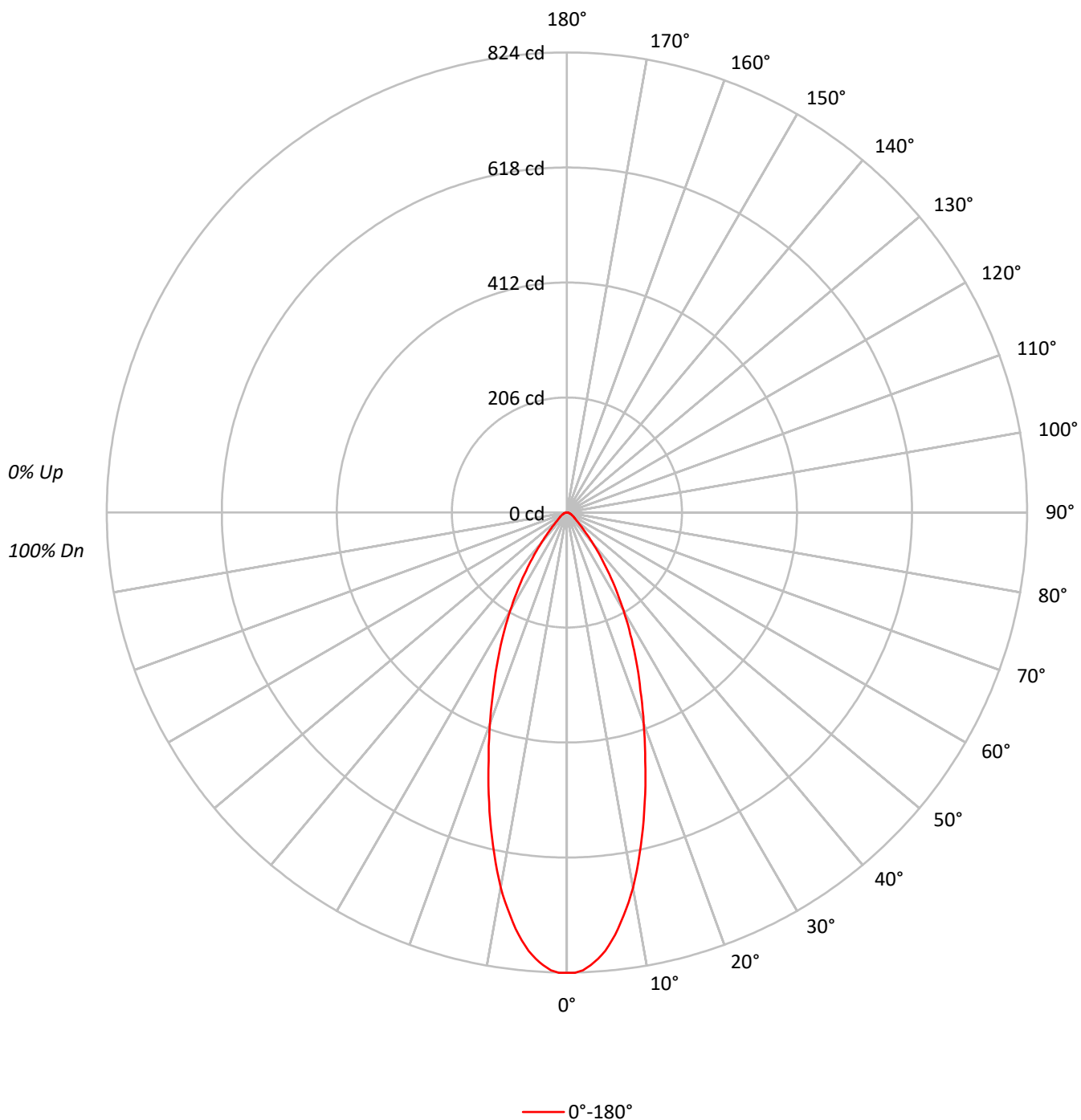
Lumens per Lamp: N/A
Luminaire Lumens: 498.0 lumens
Efficiency: N/A
Efficacy: 40.5 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1296257

CATALOG NUMBER: P3A13R25W2N902765DE010 E3DLP1LI_3500K

Luminous Intensity Polar Plot



TEST NUMBER: P1296257

CATALOG NUMBER: P3A13R25W2N902765DE010 E3DLP1LI_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	101		100	99	98		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	86	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	75
5	92	84	78	74	91	83	77	73	81	76	73		79	75	72		78	74	71	70
6	88	79	73	69	86	78	72	68	77	72	68		75	71	67		74	70	67	66
7	84	74	68	64	82	74	68	64	72	67	64		71	67	63		70	66	63	62
8	80	70	65	60	79	70	64	60	69	64	60		68	63	60		67	63	60	58
9	76	67	61	57	75	66	61	57	65	60	57		65	60	57		64	59	56	55
10	73	64	58	54	72	63	58	54	62	57	54		62	57	54		61	57	54	52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	180797
5°	173453
10°	151946
15°	122135
20°	93855
25°	71012
30°	51299
35°	34077
40°	20667
45°	12032
50°	7676
55°	6232
60°	5438
65°	4825
70°	3975
75°	3982
80°	2904
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 12032 cd/sqm

TEST NUMBER: P1296257

CATALOG NUMBER: P3A13R25W2N902765DE010 E3DLP1LI_3500K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	71.7	14.4
10°-20°	148.8	29.9
20°-30°	134.5	27.0
30°-40°	80.8	16.2
40°-50°	32.1	6.4
50°-60°	14.8	3.0
60°-70°	9.0	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	71.3
0°-40°	435.9	87.5
0°-60°	482.8	96.9
0°-90°	498.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	498.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	824	
5°	788	72
15°	538	149
25°	294	135
35°	127	81
45°	39	32
55°	16	15
65°	9	9
75°	5	5
85°	2	1
90°	0	

TEST NUMBER: P1296257

CATALOG NUMBER: P3A13R25W2N902765DE010 E3DLP1LI_3500K

CANDELA DISTRIBUTION (FULL):

0°	
0°	824.5
1°	824.5
2°	820.6
3°	812.1
4°	801.2
5°	788.0
6°	770.9
7°	751.5
8°	729.0
9°	706.5
10°	682.4
11°	654.5
12°	625.8
13°	597.0
14°	568.3
15°	538.0
17.5°	466.6
20°	402.2
22.5°	343.9
25°	293.5
27.5°	246.1
30°	202.6
32.5°	163.0
35°	127.3
37.5°	97.0
40°	72.2
42.5°	52.8
45°	38.8
47.5°	29.5
50°	22.5
52.5°	18.6
55°	16.3
57.5°	14.0
60°	12.4
62.5°	10.1
65°	9.3
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: P1296257

CATALOG NUMBER: P3A13R25W2N902765DE010 E3DLP1LI_3500K

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)