

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: P1298564

Luminaire Tested: P3A13R65W2N902750DE010 E3DL1GPH_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1298564
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-43)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R65W2N902750DE010 E3DL1GPH_3000K
Description: 3in Adjustable Tunable White LED luminaire with, R65 optic, 3000K CCT AND, 90CRI ,
E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

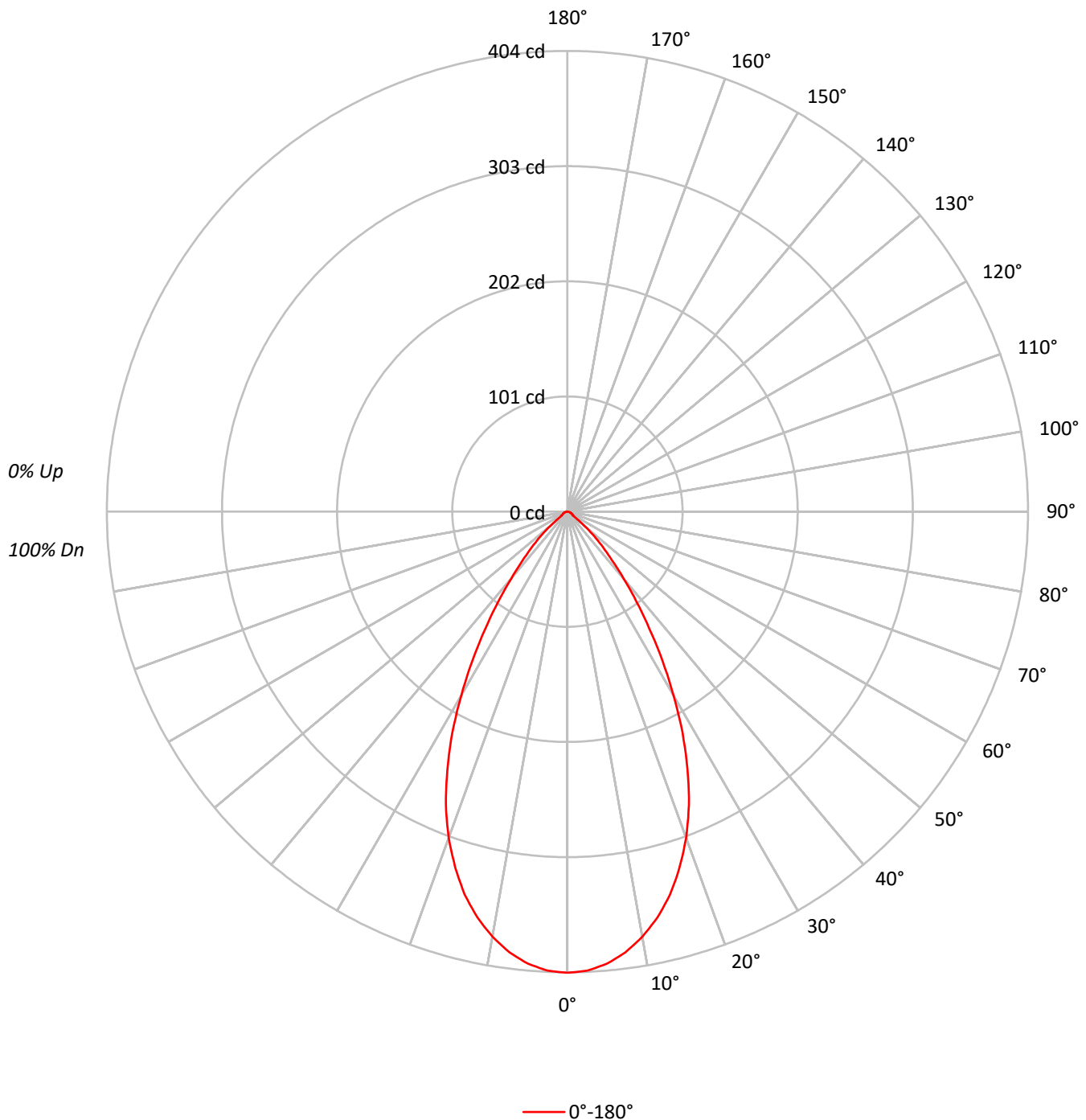
Lumens per Lamp: N/A
Luminaire Lumens: 376.0 lumens
Efficiency: N/A
Efficacy: 30.6 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1298564

CATALOG NUMBER: P3A13R65W2N902750DE010 E3DL1GPH_3000K

Luminous Intensity Polar Plot



TEST NUMBER: P1298564

CATALOG NUMBER: P3A13R65W2N902750DE010 E3DL1GPH_3000K

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	110	107	105	111	108	106	103	104	102	100		100	99	97		97	96	94		93
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		91	89	87		85
3	101	95	89	85	99	93	88	84	90	86	83		88	85	82		86	83	80		79
4	96	88	82	78	94	87	81	77	85	80	76		83	79	75		81	77	74		73
5	91	82	76	71	89	81	75	71	79	74	70		77	73	70		76	72	69		68
6	86	77	70	66	84	76	70	66	74	69	65		73	68	65		72	67	64		63
7	82	72	66	61	80	71	65	61	70	64	61		69	64	60		67	63	60		58
8	77	67	61	57	76	67	61	57	66	60	57		65	60	56		64	59	56		55
9	74	64	57	53	72	63	57	53	62	57	53		61	56	53		60	56	53		51
10	70	60	54	50	69	60	54	50	59	53	50		58	53	50		57	53	49		48

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	88677
5°	87607
10°	84278
15°	78956
20°	71010
25°	60294
30°	47172
35°	33595
40°	21984
45°	13583
50°	6891
55°	2447
60°	2149
65°	2127
70°	1923
75°	1864
80°	1894
85°	1761

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 13583 cd/sqm

TEST NUMBER: P1298564

CATALOG NUMBER: P3A13R65W2N902750DE010 E3DL1GPH_3000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	37.4	9.9
10°-20°	96.8	25.7
20°-30°	113.1	30.1
30°-40°	79.1	21.0
40°-50°	34.8	9.2
50°-60°	7.7	2.1
60°-70°	3.9	1.0
70°-80°	2.4	0.6
80°-90°	0.8	0.2
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°	247.3	65.8
0°-40°	326.3	86.8
0°-60°	368.9	98.1
0°-90°	376.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	376.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	404	
5°	398	37
15°	348	97
25°	249	113
35°	126	79
45°	44	35
55°	6	8
65°	4	4
75°	2	2
85°	1	1
90°	0	



TEST NUMBER: P1298564

CATALOG NUMBER: P3A13R65W2N902750DE010 E3DL1GPH_3000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	404.4
2.5°	402.9
5°	398.0
7.5°	389.8
10°	378.5
12.5°	364.6
15°	347.8
17.5°	327.2
20°	304.3
22.5°	278.5
25°	249.2
27.5°	218.5
30°	186.3
32.5°	155.2
35°	125.5
37.5°	99.7
40°	76.8
42.5°	58.1
45°	43.8
47.5°	32.2
50°	20.2
52.5°	10.5
55°	6.4
57.5°	5.6
60°	4.9
62.5°	4.5
65°	4.1
67.5°	3.4
70°	3.0
72.5°	2.6
75°	2.2
77.5°	1.9
80°	1.5
82.5°	1.1
85°	0.7
87.5°	0.4
90°	0.0

(END OF REPORT)