

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: P1298729

Luminaire Tested: P3A13R65W2N902765DE010 E3DL1H_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1298729
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: P3A13R65W2N902765DE010 E3DL1H_5000K
Description: 3in Adjustable Tunable White LED luminaire with, R65 optic, 5000K CCT AND, 90CRI ,
E3DL1H TRIM
Light Source: -
Ballast/Driver: -

Summary

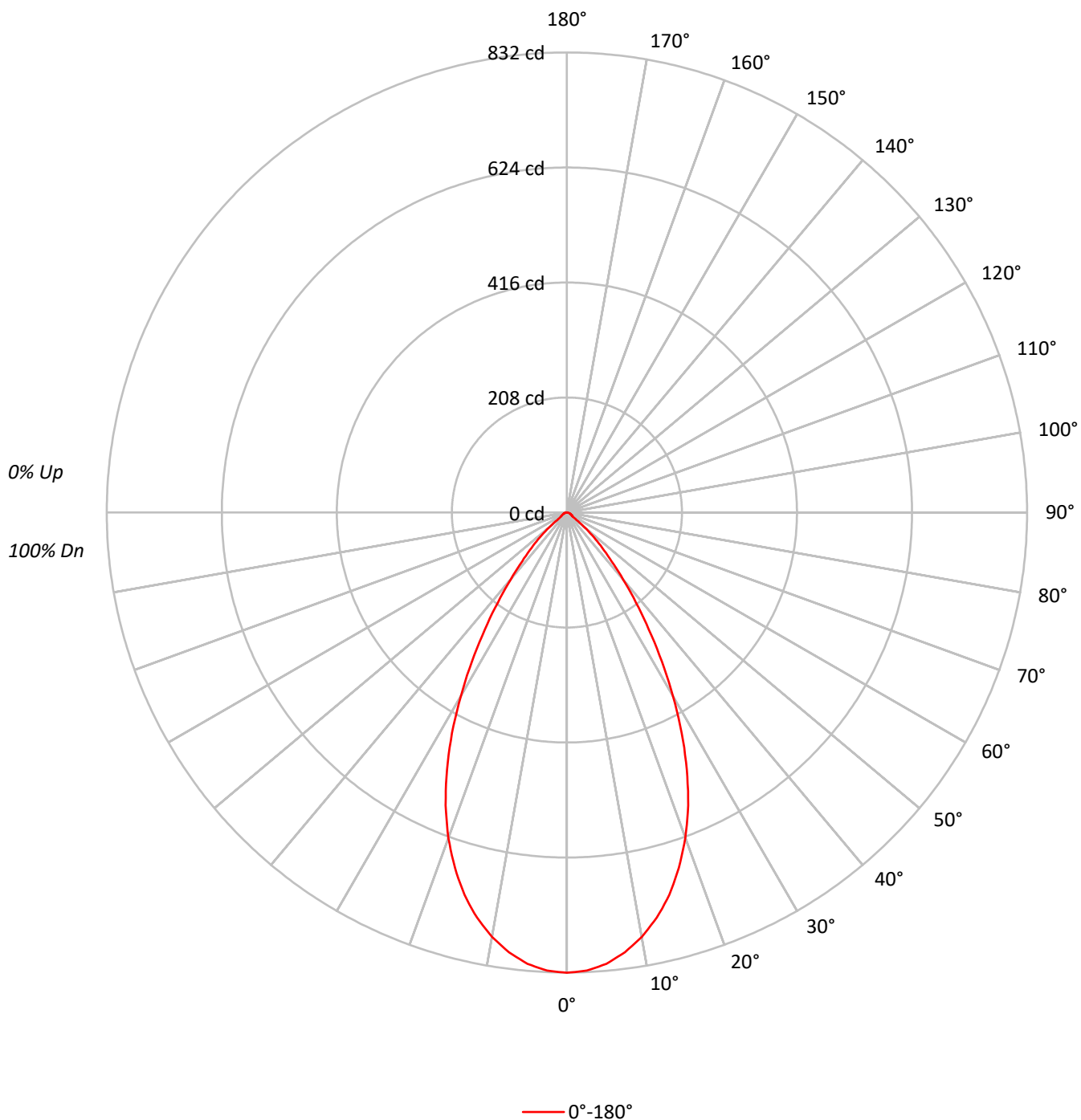
Lumens per Lamp: N/A
Luminaire Lumens: 774.0 lumens
Efficiency: N/A
Efficacy: 62.9 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1298729

CATALOG NUMBER: P3A13R65W2N902765DE010 E3DL1H_5000K

Luminous Intensity Polar Plot



TEST NUMBER: P1298729

CATALOG NUMBER: P3A13R65W2N902765DE010 E3DL1H_5000K

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	113	110	107	105	111	108	106	103	104	102	100		100	99	97		97
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		91
3	101	95	89	85	99	93	88	84	90	86	83		88	85	82		86
4	96	88	82	78	94	87	81	77	85	80	76		83	79	75		81
5	91	82	76	71	89	81	75	71	79	74	70		77	73	70		76
6	86	77	70	66	84	76	70	66	74	69	65		73	68	65		72
7	82	72	66	61	80	71	65	61	70	64	61		69	64	60		67
8	77	67	61	57	76	67	61	57	66	60	57		65	60	56		64
9	74	64	57	53	72	63	57	53	62	57	53		61	56	53		60
10	70	60	54	50	69	59	54	50	59	53	50		58	53	50		57

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	182529
5°	180343
10°	173499
15°	162521
20°	146173
25°	124120
30°	97078
35°	69172
40°	45285
45°	28003
50°	14226
55°	5008
60°	4386
65°	4410
70°	3975
75°	3897
80°	3915
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 28003 cd/sqm

TEST NUMBER: P1298729

CATALOG NUMBER: P3A13R65W2N902765DE010 E3DL1H_5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	76.9	9.9
10°-20°	199.2	25.7
20°-30°	232.9	30.1
30°-40°	162.7	21.0
40°-50°	71.6	9.3
50°-60°	15.9	2.1
60°-70°	8.1	1.0
70°-80°	4.9	0.6
80°-90°	1.7	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°	509.0	65.8
0°-40°	671.7	86.8
0°-60°	759.3	98.1
0°-90°	774.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	774.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	832	
5°	819	77
15°	716	199
25°	513	233
35°	258	163
45°	90	72
55°	13	16
65°	8	8
75°	5	5
85°	2	2
90°	0	

TEST NUMBER: P1298729

CATALOG NUMBER: P3A13R65W2N902765DE010 E3DL1H_5000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	832.4
2.5°	829.3
5°	819.3
7.5°	802.3
10°	779.2
12.5°	750.6
15°	715.9
17.5°	673.5
20°	626.4
22.5°	573.2
25°	513.0
27.5°	449.8
30°	383.4
32.5°	319.4
35°	258.4
37.5°	205.2
40°	158.2
42.5°	119.6
45°	90.3
47.5°	66.3
50°	41.7
52.5°	21.6
55°	13.1
57.5°	11.6
60°	10.0
62.5°	9.3
65°	8.5
67.5°	6.9
70°	6.2
72.5°	5.4
75°	4.6
77.5°	3.9
80°	3.1
82.5°	2.3
85°	1.5
87.5°	0.8
90°	0.0

(END OF REPORT)