

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: P1298793

Luminaire Tested: P3A13R65W2N902765DE010 E3DLP1GPH_3500K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1298793
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-41)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R65W2N902765DE010 E3DLP1GPH_3500K
Description: 3in Adjustable Tunable White LED luminaire with, R65 optic, 3500K CCT AND, 90CRI ,
E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

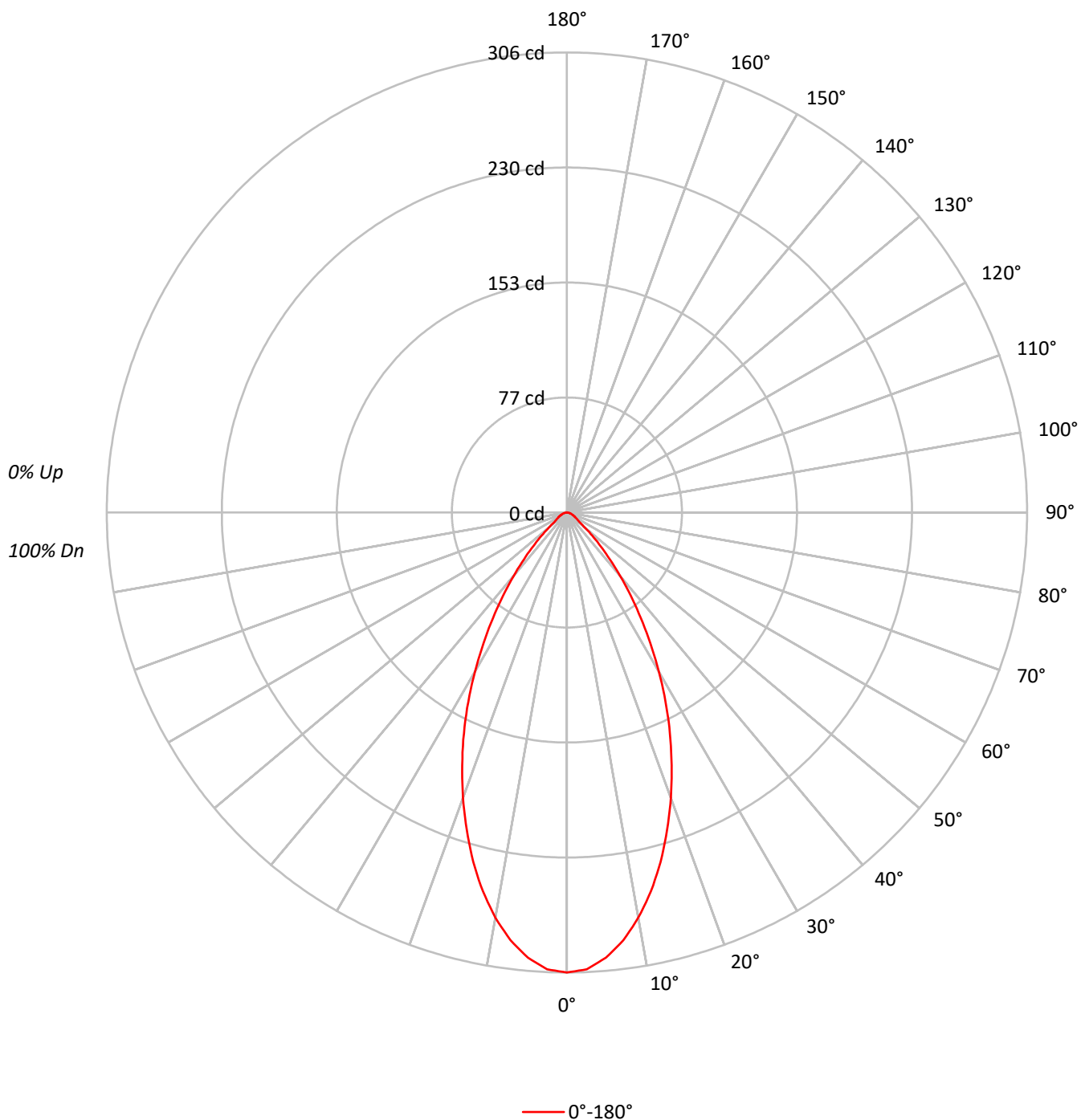
Lumens per Lamp: N/A
Luminaire Lumens: 264.0 lumens
Efficiency: N/A
Efficacy: 21.5 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1298793

CATALOG NUMBER: P3A13R65W2N902765DE010 E3DLP1GPH_3500K

Luminous Intensity Polar Plot



TEST NUMBER: P1298793

CATALOG NUMBER: P3A13R65W2N902765DE010 E3DLP1GPH_3500K

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	110	108	105	103	104	102	100		100	98	97		96
2	107	101	97	93	104	100	96	92	96	93	90		93	91	88		90
3	101	94	88	84	99	92	87	83	90	85	82		87	84	81		85
4	95	87	81	77	93	86	80	76	84	79	75		82	78	74		80
5	90	81	75	70	88	80	74	70	78	73	69		77	72	69		75
6	85	76	69	65	84	75	69	65	73	68	64		72	67	64		71
7	81	71	65	60	79	70	64	60	69	64	60		68	63	59		67
8	77	67	60	56	75	66	60	56	65	59	56		64	59	55		63
9	73	63	57	52	72	62	56	52	61	56	52		60	55	52		59
10	69	59	53	49	68	59	53	49	58	53	49		57	52	49		56

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	67100
5°	65441
10°	60943
15°	54620
20°	47161
25°	39220
30°	30941
35°	22914
40°	15801
45°	9799
50°	5322
55°	3364
60°	2851
65°	2542
70°	2180
75°	1949
80°	1894
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 9799 cd/sqm

TEST NUMBER: P1298793

CATALOG NUMBER: P3A13R65W2N902765DE010 E3DLP1GPH_3500K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	27.6	10.5
10°-20°	66.9	25.3
20°-30°	73.9	28.0
30°-40°	53.7	20.3
40°-50°	25.1	9.5
50°-60°	8.5	3.2
60°-70°	4.9	1.8
70°-80°	2.5	1.0
80°-90°	0.8	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°	168.4	63.8
0°-40°	222.1	84.1
0°-60°	255.7	96.9
0°-90°	264.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	264.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	306	
5°	297	28
15°	241	67
25°	162	74
35°	86	54
45°	32	25
55°	9	8
65°	5	5
75°	2	3
85°	1	1
90°	0	



TEST NUMBER: P1298793

CATALOG NUMBER: P3A13R65W2N902765DE010 E3DLP1GPH_3500K

CANDELA DISTRIBUTION (FULL):

0°	
0°	306.0
2.5°	304.1
5°	297.3
7.5°	287.0
10°	273.7
12.5°	258.1
15°	240.6
17.5°	221.5
20°	202.1
22.5°	181.9
25°	162.1
27.5°	142.0
30°	122.2
32.5°	103.1
35°	85.6
37.5°	69.7
40°	55.2
42.5°	42.2
45°	31.6
47.5°	22.8
50°	15.6
52.5°	10.7
55°	8.8
57.5°	7.6
60°	6.5
62.5°	5.7
65°	4.9
67.5°	4.2
70°	3.4
72.5°	3.0
75°	2.3
77.5°	1.9
80°	1.5
82.5°	1.1
85°	0.8
87.5°	0.4
90°	0.0

(END OF REPORT)