

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: P1267645

Luminaire Tested: P3A13R659735DE010 E3DL1WMH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1267645
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: P3A13R659735DE010 E3DL1WMH
Description: 3in Adjustable LED luminaire with, R65 optic, 3500K CCT AND, 97CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

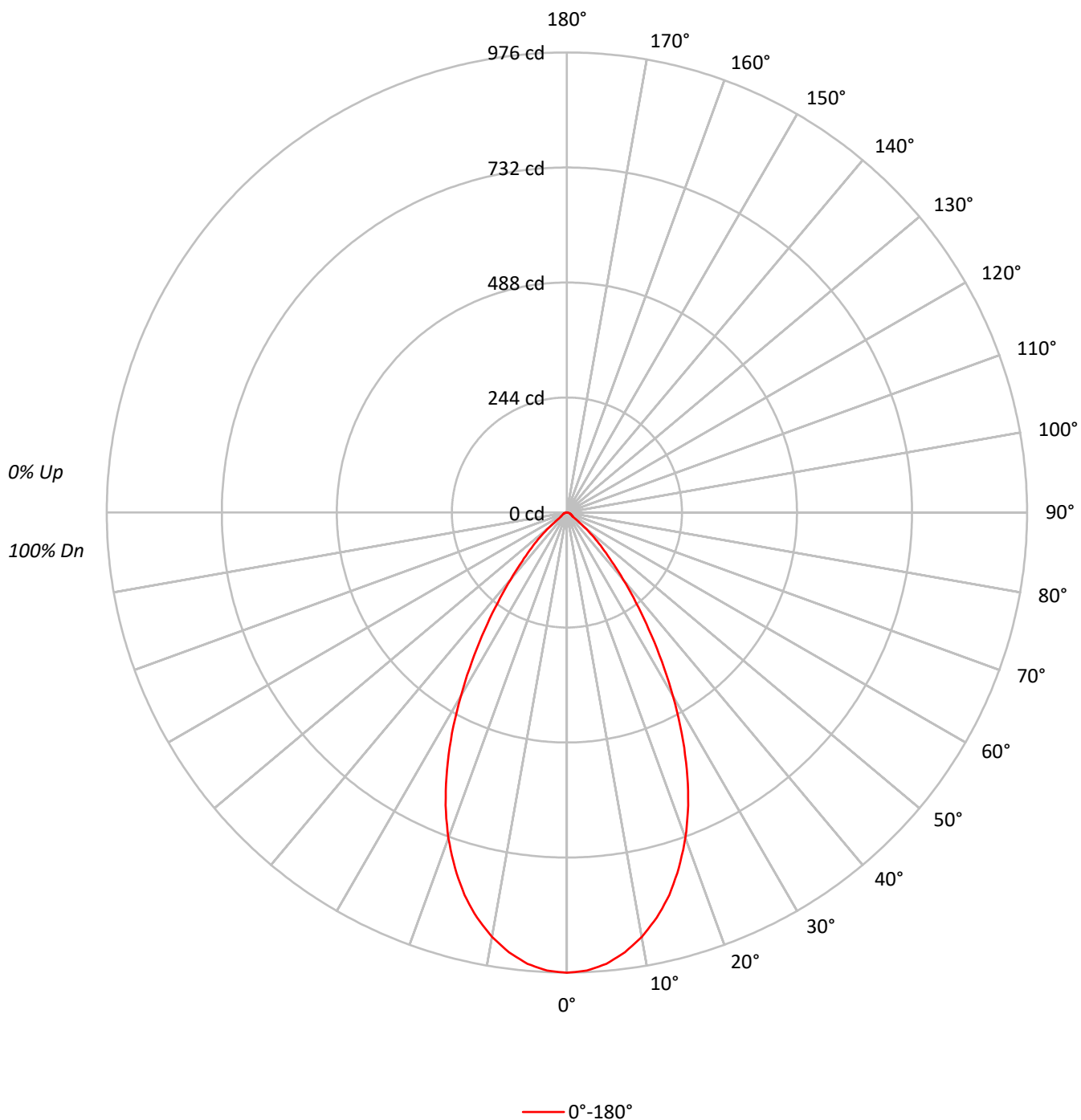
Lumens per Lamp: N/A
Luminaire Lumens: 908.0 lumens
Efficiency: N/A
Efficacy: 62.2 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
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: P1267645

CATALOG NUMBER: P3A13R659735DE010 E3DL1WMH

Luminous Intensity Polar Plot



TEST NUMBER: P1267645

CATALOG NUMBER: P3A13R659735DE010 E3DL1WMH

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°	214128
5°	211556
10°	203537
15°	190671
20°	171492
25°	145605
30°	113891
35°	81164
40°	53099
45°	32841
50°	16682
55°	5887
60°	5175
65°	5189
70°	4616
75°	4575
80°	4546
85°	4529

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 32841 cd/sqm

TEST NUMBER: P1267645

CATALOG NUMBER: P3A13R659735DE010 E3DL1WMH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	90.2	9.9
10°-20°	233.8	25.7
20°-30°	273.2	30.1
30°-40°	190.9	21.0
40°-50°	84.0	9.3
50°-60°	18.7	2.1
60°-70°	9.5	1.0
70°-80°	5.7	0.6
80°-90°	2.0	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°	597.1	65.8
0°-40°	788.0	86.8
0°-60°	890.8	98.1
0°-90°	908.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	908.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	976	
5°	961	90
15°	840	234
25°	602	273
35°	303	191
45°	106	84
55°	15	19
65°	10	10
75°	5	6
85°	2	2
90°	0	

TEST NUMBER: P1267645

CATALOG NUMBER: P3A13R659735DE010 E3DL1WMH

CANDELA DISTRIBUTION (FULL):

0°	
0°	976.5
2.5°	972.9
5°	961.1
7.5°	941.2
10°	914.1
12.5°	880.6
15°	839.9
17.5°	790.1
20°	734.9
22.5°	672.4
25°	601.8
27.5°	527.6
30°	449.8
32.5°	374.7
35°	303.2
37.5°	240.7
40°	185.5
42.5°	140.3
45°	105.9
47.5°	77.8
50°	48.9
52.5°	25.3
55°	15.4
57.5°	13.6
60°	11.8
62.5°	10.9
65°	10.0
67.5°	8.1
70°	7.2
72.5°	6.3
75°	5.4
77.5°	4.5
80°	3.6
82.5°	2.7
85°	1.8
87.5°	0.9
90°	0.0

(END OF REPORT)