

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: P1267420

Luminaire Tested: P3A13R259735DE010 E3DLP1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1267420
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: P3A13R259735DE010 E3DLP1H
Description: 3in Adjustable LED luminaire with, R25 optic, 3500K CCT AND, 97CRI , E3DLP1H TRIM
Light Source: -
Ballast/Driver: -

Summary

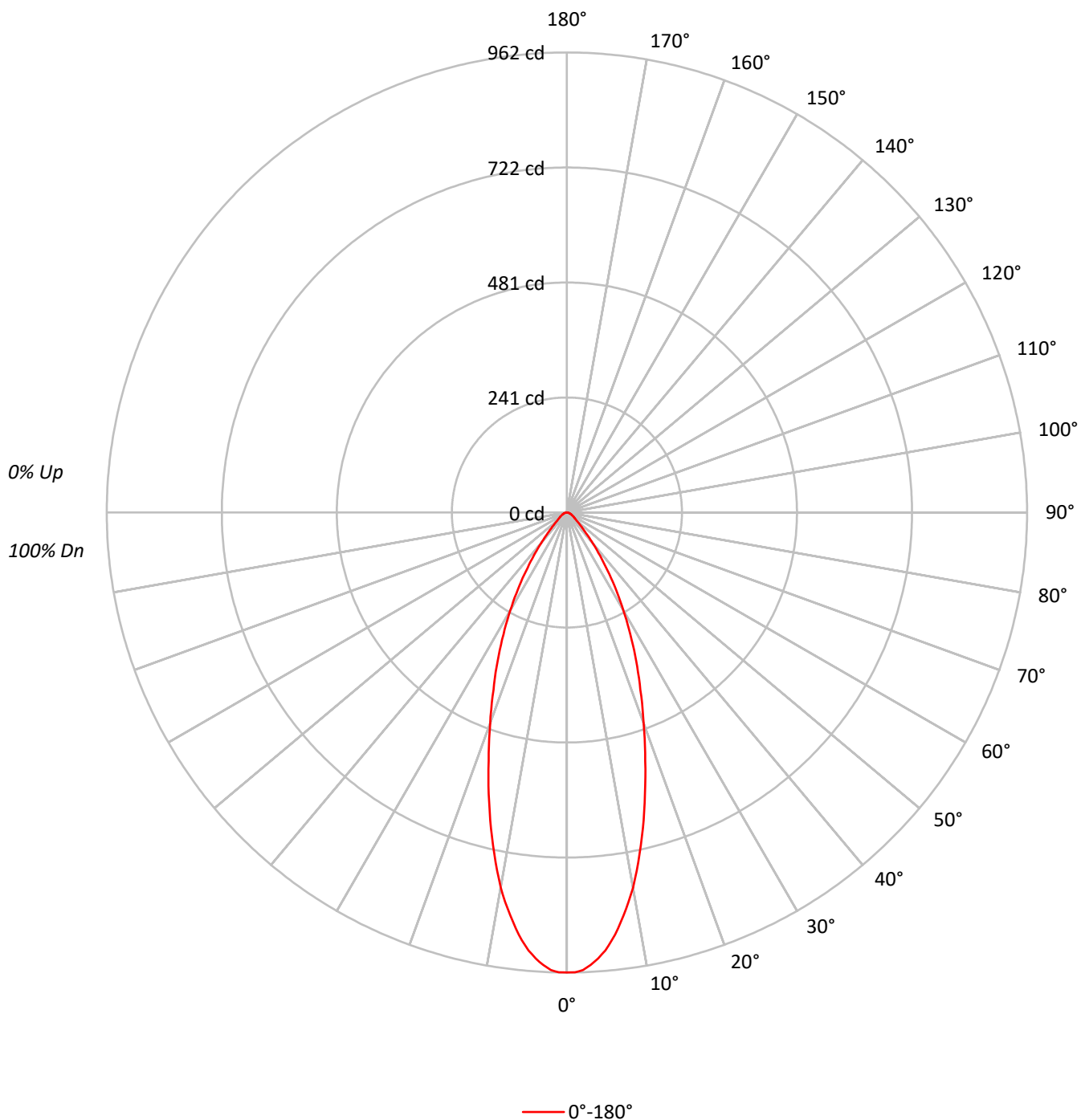
Lumens per Lamp: N/A
Luminaire Lumens: 580.9 lumens
Efficiency: N/A
Efficacy: 39.8 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.68
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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: P1267420

CATALOG NUMBER: P3A13R259735DE010 E3DLP1H

Luminous Intensity Polar Plot



TEST NUMBER: P1267420

CATALOG NUMBER: P3A13R259735DE010 E3DLP1H

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	108	105	111	108	106	104	104	102	101		100	99	98		97
2	107	102	98	95	105	101	97	94	97	94	92		94	92	90		92
3	102	95	90	86	100	94	89	86	91	87	84		89	86	83		87
4	97	89	84	79	95	88	83	79	86	81	78		84	80	77		82
5	92	84	78	74	91	83	77	73	81	76	73		79	75	72		78
6	88	79	73	69	86	78	72	68	77	72	68		75	71	67		74
7	84	74	68	64	82	74	68	64	72	67	64		71	67	63		70
8	80	70	65	60	79	70	64	60	69	64	60		68	63	60		67
9	76	67	61	57	75	66	61	57	65	60	57		65	60	57		64
10	73	64	58	54	72	63	58	54	62	57	54		62	57	54		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	210926
5°	202377
10°	177285
15°	142498
20°	109490
25°	82843
30°	59857
35°	39752
40°	24102
45°	14048
50°	8972
55°	7264
60°	6359
65°	5656
70°	4616
75°	4575
80°	3410
85°	4529

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 14048 cd/sqm

TEST NUMBER: P1267420

CATALOG NUMBER: P3A13R259735DE010 E3DLP1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	83.7	14.4
10°-20°	173.6	29.9
20°-30°	157.0	27.0
30°-40°	94.3	16.2
40°-50°	37.5	6.4
50°-60°	17.3	3.0
60°-70°	10.5	1.8
70°-80°	5.6	1.0
80°-90°	1.6	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°	414.2	71.3
0°-40°	508.5	87.5
0°-60°	563.2	97.0
0°-90°	580.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	580.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	962	
5°	919	84
15°	628	174
25°	342	157
35°	148	94
45°	45	37
55°	19	17
65°	11	11
75°	5	6
85°	2	2
90°	0	

TEST NUMBER: P1267420

CATALOG NUMBER: P3A13R259735DE010 E3DLP1H

CANDELA DISTRIBUTION (FULL):

0°	
0°	961.9
1°	961.9
2°	957.4
3°	947.4
4°	934.8
5°	919.4
6°	899.4
7°	876.8
8°	850.5
9°	824.3
10°	796.2
11°	763.6
12°	730.1
13°	696.5
14°	663.0
15°	627.7
17.5°	544.4
20°	469.2
22.5°	401.3
25°	342.4
27.5°	287.1
30°	236.4
32.5°	190.2
35°	148.5
37.5°	113.2
40°	84.2
42.5°	61.6
45°	45.3
47.5°	34.4
50°	26.3
52.5°	21.7
55°	19.0
57.5°	16.3
60°	14.5
62.5°	11.8
65°	10.9
67.5°	9.1
70°	7.2
72.5°	6.3
75°	5.4
77.5°	4.5
80°	2.7
82.5°	1.8
85°	1.8
87.5°	0.9



TEST NUMBER: P1267420
CATALOG NUMBER: P3A13R259735DE010 E3DLP1H

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)