

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: P1269850

Luminaire Tested: P3A13R359740DE010 E3DL1WH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1269850
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-17)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3A13R359740DE010 E3DL1WH
Description: 3in Adjustable LED luminaire with, R35 optic, 4000K CCT AND, 97CRI , E3DL1WH TRIM
Light Source: -
Ballast/Driver: -

Summary

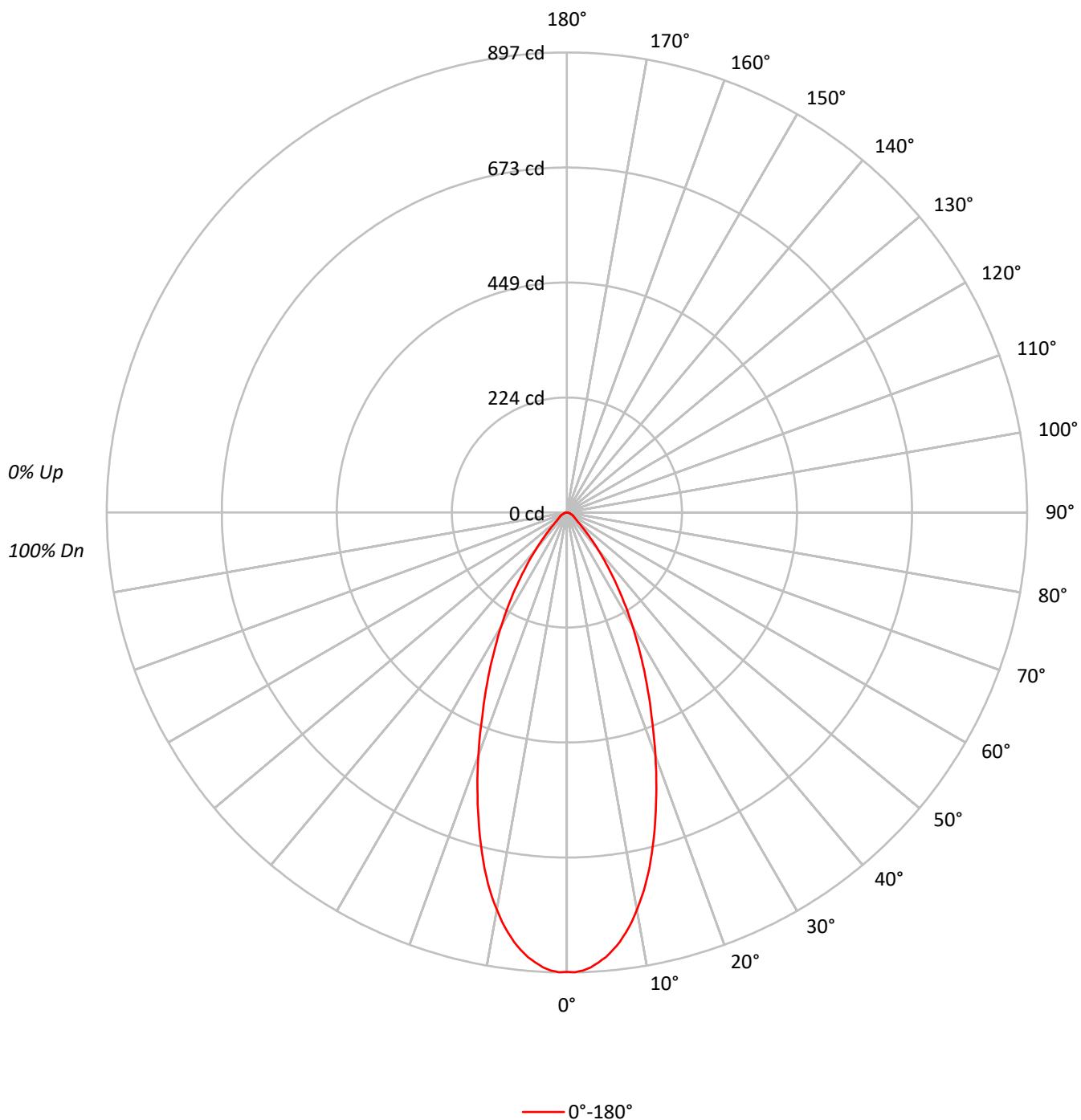
Lumens per Lamp: N/A
Luminaire Lumens: 611.0 lumens
Efficiency: N/A
Efficacy: 41.8 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1269850

CATALOG NUMBER: P3A13R359740DE010 E3DL1WH

Luminous Intensity Polar Plot



TEST NUMBER: P1269850

CATALOG NUMBER: P3A13R359740DE010 E3DL1WH

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	100		100	99	97		97
2	107	102	98	94	105	100	97	93	97	94	91		94	92	89		91
3	102	95	90	86	100	94	89	85	91	87	84		89	85	82		86
4	97	89	83	79	95	88	82	78	86	81	77		84	80	77		82
5	92	83	77	73	90	82	77	73	81	76	72		79	75	71		77
6	87	78	72	68	86	77	72	68	76	71	67		75	70	67		73
7	83	74	68	63	82	73	67	63	72	67	63		71	66	63		69
8	79	70	64	60	78	69	63	59	68	63	59		67	62	59		66
9	76	66	60	56	75	66	60	56	65	59	56		64	59	56		63
10	72	63	57	53	71	62	57	53	61	56	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	196388
5°	191547
10°	175125
15°	148650
20°	117680
25°	88989
30°	64795
35°	43821
40°	26936
45°	15474
50°	9313
55°	7570
60°	6622
65°	5863
70°	4809
75°	4745
80°	4799
85°	4780

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 15474 cd/sqm

TEST NUMBER: P1269850

CATALOG NUMBER: P3A13R359740DE010 E3DL1WH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	80.4	13.2
10°-20°	180.5	29.5
20°-30°	168.9	27.6
30°-40°	103.4	16.9
40°-50°	40.7	6.7
50°-60°	18.0	2.9
60°-70°	11.2	1.8
70°-80°	5.9	1.0
80°-90°	2.0	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°	429.8	70.3
0°-40°	533.2	87.3
0°-60°	591.8	96.9
0°-90°	611.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	611.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	896	
5°	870	80
15°	655	181
25°	368	169
35°	164	103
45°	50	41
55°	20	18
65°	11	11
75°	6	6
85°	2	2
90°	0	

TEST NUMBER: P1269850

CATALOG NUMBER: P3A13R359740DE010 E3DL1WH

CANDELA DISTRIBUTION (FULL):

0°	
0°	895.6
1°	896.6
2°	893.7
3°	888.1
4°	879.6
5°	870.2
6°	858.0
7°	843.9
8°	826.9
9°	808.1
10°	786.5
11°	763.9
12°	739.5
13°	713.1
14°	683.9
15°	654.8
17.5°	579.5
20°	504.3
22.5°	431.8
25°	367.8
27.5°	308.6
30°	255.9
32.5°	207.0
35°	163.7
37.5°	125.1
40°	94.1
42.5°	67.7
45°	49.9
47.5°	35.7
50°	27.3
52.5°	22.6
55°	19.8
57.5°	16.9
60°	15.1
62.5°	13.2
65°	11.3
67.5°	9.4
70°	7.5
72.5°	6.6
75°	5.6
77.5°	4.7
80°	3.8
82.5°	2.8
85°	1.9
87.5°	0.9



TEST NUMBER: P1269850
CATALOG NUMBER: P3A13R359740DE010 E3DL1WH

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)