

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: P1269858

Luminaire Tested: P3A13R359740DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1269858
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 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R35 optic, 4000K CCT AND, 97CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

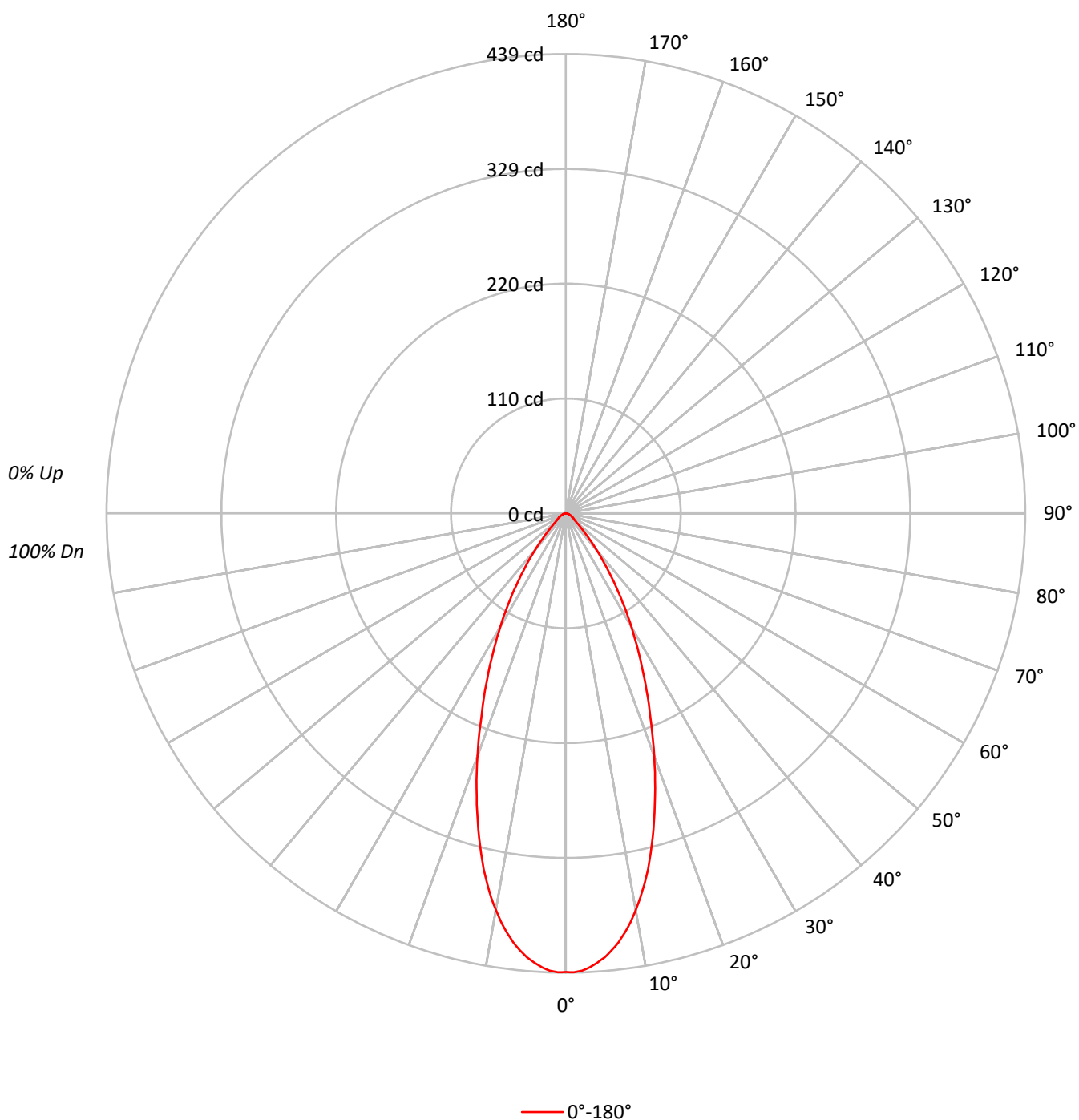
Lumens per Lamp: N/A
Luminaire Lumens: 299.0 lumens
Efficiency: N/A
Efficacy: 20.5 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1269858

CATALOG NUMBER: P3A13R359740DE010 E3DLP1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1269858

CATALOG NUMBER: P3A13R359740DE010 E3DLP1GPH

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°	96111
5°	93748
10°	85703
15°	72736
20°	57592
25°	43551
30°	31701
35°	21442
40°	13168
45°	7567
50°	4571
55°	3708
60°	3245
65°	2854
70°	2372
75°	2372
80°	2273
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 7567 cd/sqm

TEST NUMBER: P1269858

CATALOG NUMBER: P3A13R359740DE010 E3DLP1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	39.4	13.2
10°-20°	88.3	29.5
20°-30°	82.6	27.6
30°-40°	50.6	16.9
40°-50°	19.9	6.7
50°-60°	8.8	2.9
60°-70°	5.4	1.8
70°-80°	2.9	1.0
80°-90°	1.0	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°	210.3	70.3
0°-40°	260.9	87.3
0°-60°	289.6	96.9
0°-90°	299.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	299.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	438	
5°	426	39
15°	320	88
25°	180	83
35°	80	51
45°	24	20
55°	10	9
65°	6	5
75°	3	3
85°	1	1
90°	0	

TEST NUMBER: P1269858

CATALOG NUMBER: P3A13R359740DE010 E3DLP1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	438.3
1°	438.7
2°	437.4
3°	434.6
4°	430.5
5°	425.9
6°	419.9
7°	413.0
8°	404.7
9°	395.5
10°	384.9
11°	373.8
12°	361.9
13°	349.0
14°	334.7
15°	320.4
17.5°	283.6
20°	246.8
22.5°	211.3
25°	180.0
27.5°	151.0
30°	125.2
32.5°	101.3
35°	80.1
37.5°	61.2
40°	46.0
42.5°	33.1
45°	24.4
47.5°	17.5
50°	13.4
52.5°	11.0
55°	9.7
57.5°	8.3
60°	7.4
62.5°	6.4
65°	5.5
67.5°	4.6
70°	3.7
72.5°	3.2
75°	2.8
77.5°	2.3
80°	1.8
82.5°	1.4
85°	0.9
87.5°	0.5



TEST NUMBER: P1269858

CATALOG NUMBER: P3A13R359740DE010 E3DLP1GPH

CANDELA DISTRIBUTION (continued):



(END OF REPORT)