

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: P1260014

Luminaire Tested: P3AS13R359050DE010 E3DLP1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1260014
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: P3AS13R359050DE010 E3DLP1MW
Description: 3in Adjustable LED luminaire with, R35 optic, 5000K CCT AND, 90CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

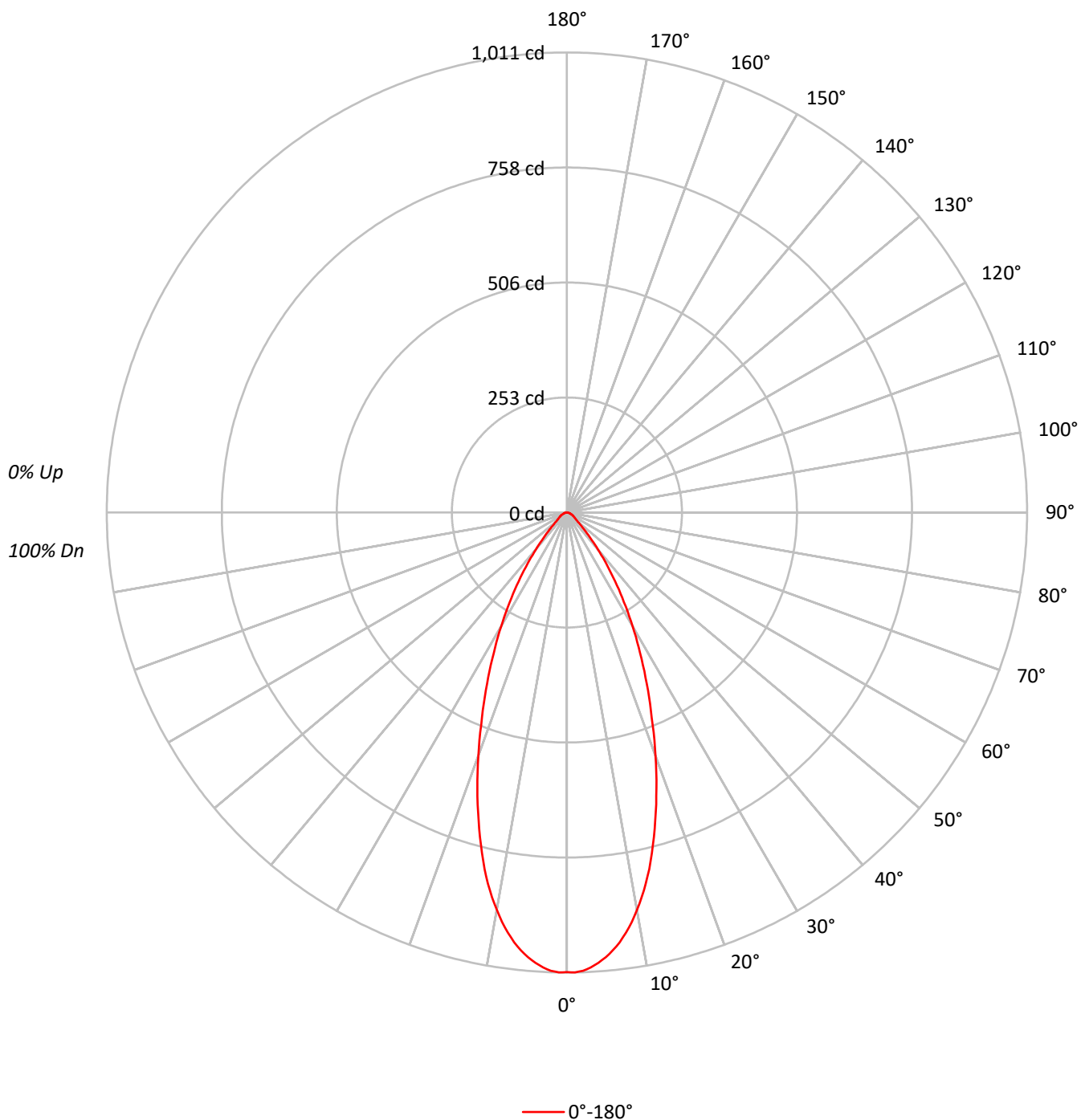
Lumens per Lamp: N/A
Luminaire Lumens: 689.0 lumens
Efficiency: N/A
Efficacy: 47.2 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1260014

CATALOG NUMBER: P3AS13R359050DE010 E3DLP1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1260014

CATALOG NUMBER: P3AS13R359050DE010 E3DLP1MW

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°	221473
5°	216002
10°	197480
15°	167629
20°	132685
25°	100361
30°	73075
35°	49416
40°	30371
45°	17428
50°	10507
55°	8525
60°	7456
65°	6590
70°	5450
75°	5422
80°	5304
85°	5284

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 17428 cd/sqm

TEST NUMBER: P1260014

CATALOG NUMBER: P3AS13R359050DE010 E3DLP1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	90.7	13.2
10°-20°	203.6	29.5
20°-30°	190.4	27.6
30°-40°	116.6	16.9
40°-50°	45.9	6.7
50°-60°	20.3	2.9
60°-70°	12.6	1.8
70°-80°	6.7	1.0
80°-90°	2.3	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°	484.7	70.3
0°-40°	601.2	87.3
0°-60°	667.4	96.9
0°-90°	689.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	689.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1010	
5°	981	91
15°	738	204
25°	415	190
35°	185	117
45°	56	46
55°	22	20
65°	13	13
75°	6	7
85°	2	2
90°	0	

TEST NUMBER: P1260014

CATALOG NUMBER: P3AS13R359050DE010 E3DLP1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	1010.0
1°	1011.0
2°	1007.8
3°	1001.5
4°	991.9
5°	981.3
6°	967.5
7°	951.6
8°	932.5
9°	911.3
10°	886.9
11°	861.4
12°	833.8
13°	804.1
14°	771.3
15°	738.4
17.5°	653.5
20°	568.6
22.5°	486.9
25°	414.8
27.5°	348.0
30°	288.6
32.5°	233.4
35°	184.6
37.5°	141.1
40°	106.1
42.5°	76.4
45°	56.2
47.5°	40.3
50°	30.8
52.5°	25.5
55°	22.3
57.5°	19.1
60°	17.0
62.5°	14.9
65°	12.7
67.5°	10.6
70°	8.5
72.5°	7.4
75°	6.4
77.5°	5.3
80°	4.2
82.5°	3.2
85°	2.1
87.5°	1.1



TEST NUMBER: P1260014
CATALOG NUMBER: P3AS13R359050DE010 E3DLP1MW

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)