

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: P1249287

Luminaire Tested: P3AS13R359027DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1249287
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-18)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R359027DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R35 optic, 2700K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

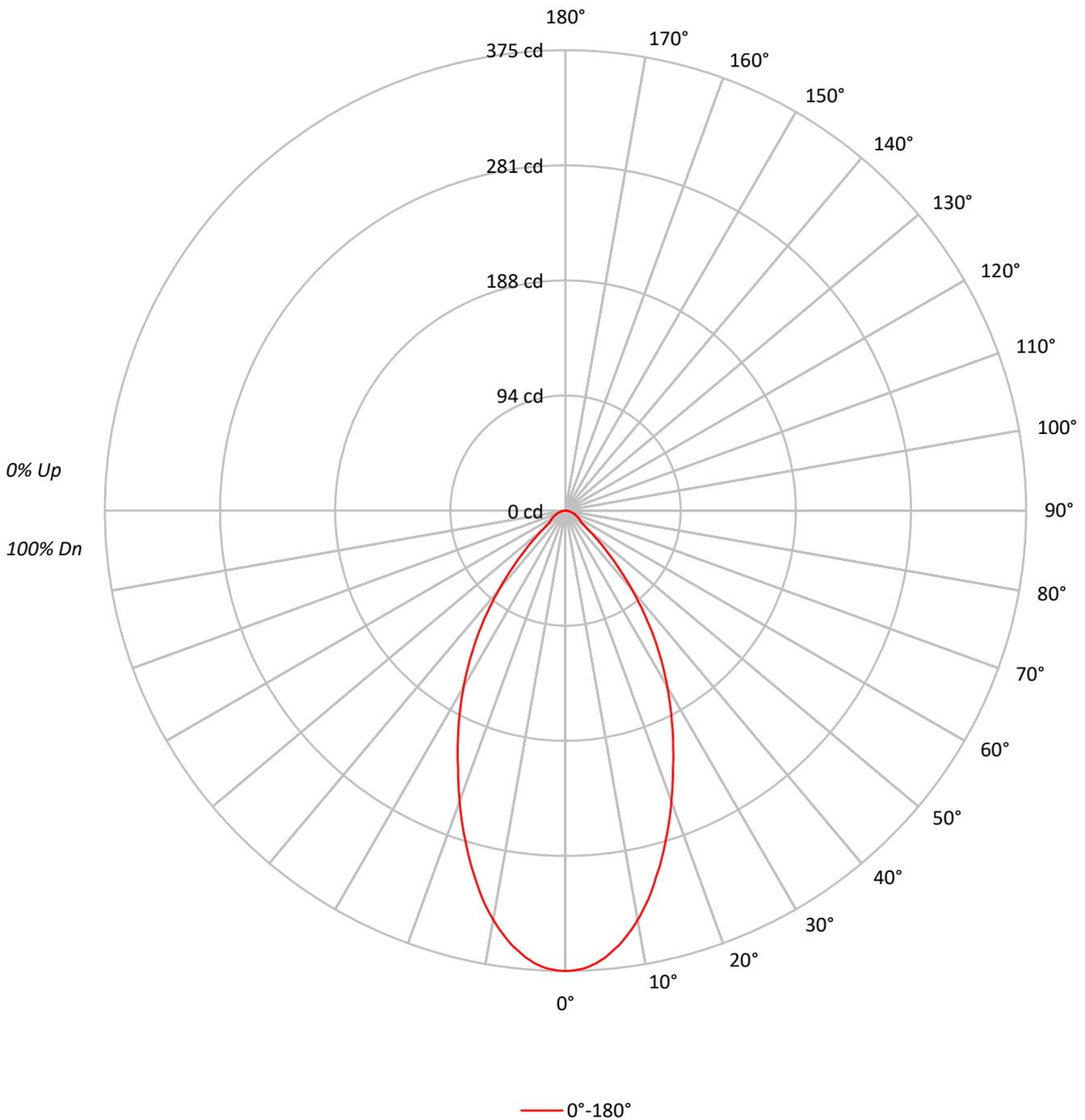
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 360.0 lumens
Efficiency: N/A
Efficacy: 24.7 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
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: P1249287
CATALOG NUMBER: P3AS13R359027DE010 E3DLD1GPH

Luminous Intensity Polar Plot





TEST NUMBER: P1249287
 CATALOG NUMBER: P3AS13R359027DE010 E3DLD1GPH

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				
RC	80				70				50				30				10			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100			
1	112	109	106	104	110	107	104	102	103	101	99	99	98	96	96	94	93	91			
2	106	100	96	92	104	98	94	91	95	92	89	92	89	87	89	87	85	83			
3	100	92	87	82	98	91	86	81	88	84	80	86	82	79	83	80	78	76			
4	94	85	79	74	92	84	78	74	82	77	73	80	75	72	78	74	71	69			
5	89	79	73	68	87	78	72	67	76	71	67	75	70	66	73	69	66	64			
6	84	74	67	62	82	73	67	62	71	66	61	70	65	61	68	64	61	59			
7	79	69	62	57	78	68	62	57	67	61	57	65	60	57	64	60	56	55			
8	75	64	58	53	74	64	57	53	63	57	53	62	56	53	61	56	52	51			
9	71	60	54	50	70	60	54	50	59	53	49	58	53	49	57	52	49	48			
10	67	57	51	46	66	56	50	46	56	50	46	55	50	46	54	49	46	45			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	82230
5°	80497
10°	75372
15°	67673
20°	58852
25°	50156
30°	42006
35°	33462
40°	24188
45°	15319
50°	8358
55°	5773
60°	5482
65°	5085
70°	4873
75°	4151
80°	3915
85°	3271

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 15319 cd/sqm



TEST NUMBER: P1249287
 CATALOG NUMBER: P3AS13R359027DE010 E3DLD1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	34.0	9.5
10°-20°	82.9	23.0
20°-30°	95.1	26.4
30°-40°	77.6	21.5
40°-50°	39.1	10.9
50°-60°	14.5	4.0
60°-70°	9.8	2.7
70°-80°	5.4	1.5
80°-90°	1.6	0.4
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°	212.0	58.9
0°-40°	289.6	80.4
0°-60°	343.2	95.3
0°-90°	360.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	360.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	375	
5°	366	34
15°	298	83
25°	207	95
35°	125	78
45°	49	39
55°	15	15
65°	10	10
75°	5	5
85°	1	2
90°	0	



TEST NUMBER: P1249287
CATALOG NUMBER: P3AS13R359027DE010 E3DLD1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	375.0
1°	374.6
2°	373.7
3°	371.9
4°	369.2
5°	365.7
6°	361.2
7°	356.8
8°	351.0
9°	345.2
10°	338.5
11°	331.4
12°	323.9
13°	315.4
14°	306.5
15°	298.1
17.5°	275.4
20°	252.2
22.5°	228.7
25°	207.3
27.5°	186.4
30°	165.9
32.5°	145.5
35°	125.0
37.5°	104.5
40°	84.5
42.5°	65.8
45°	49.4
47.5°	35.6
50°	24.5
52.5°	17.8
55°	15.1
57.5°	13.8
60°	12.5
62.5°	11.1
65°	9.8
67.5°	8.5
70°	7.6
72.5°	6.2
75°	4.9
77.5°	4.0
80°	3.1
82.5°	2.2
85°	1.3
87.5°	0.9



TEST NUMBER: P1249287
CATALOG NUMBER: P3AS13R359027DE010 E3DLD1GPH

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)