

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: P1249293

Luminaire Tested: P3AS13R359027DE010 E3DLP1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1249293
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: P3AS13R359027DE010 E3DLP1GPH
Description: 3in Adjustable LED luminaire with, R35 optic, 2700K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

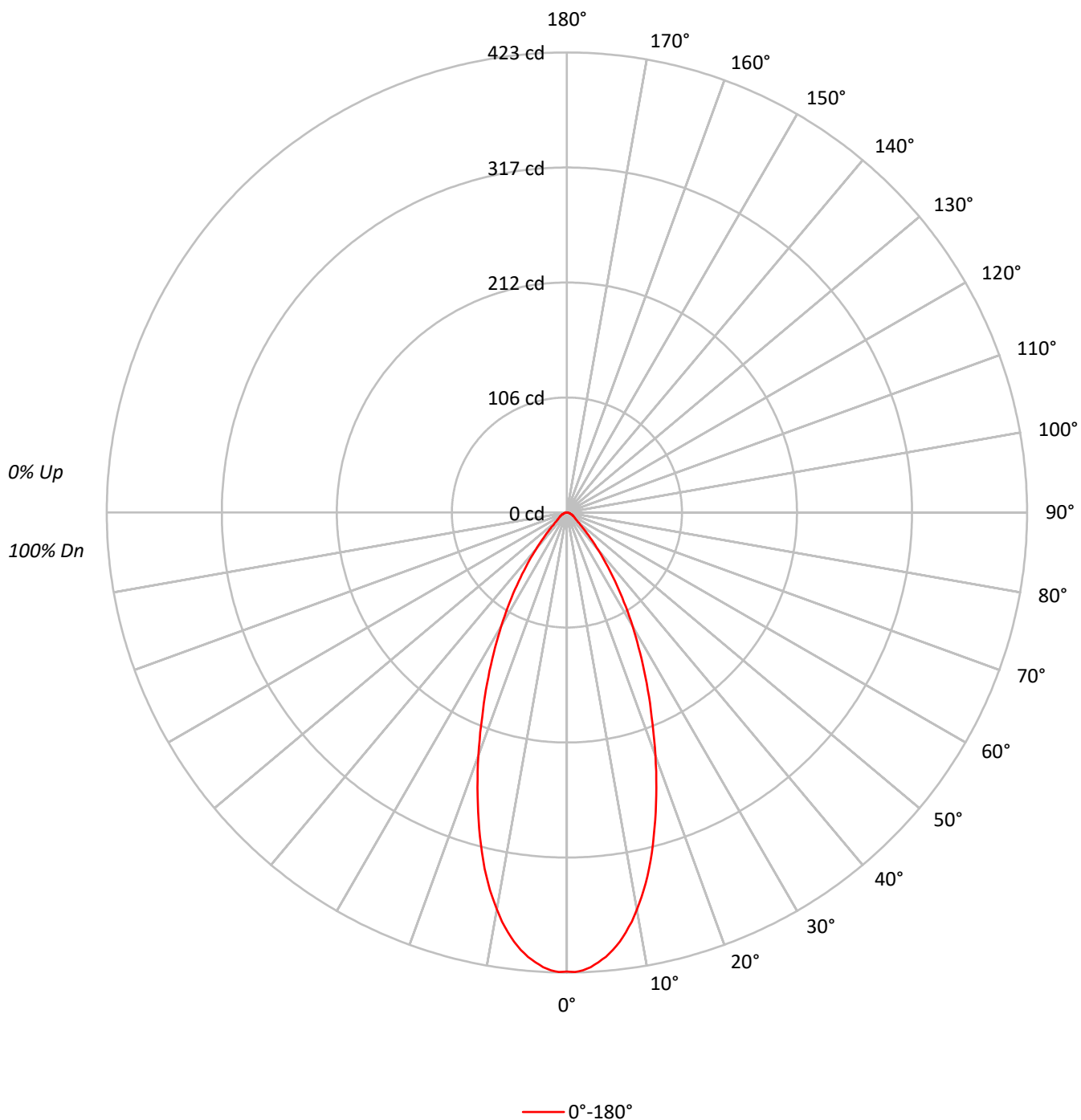
Lumens per Lamp: N/A
Luminaire Lumens: 288.0 lumens
Efficiency: N/A
Efficacy: 19.7 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1249293

CATALOG NUMBER: P3AS13R359027DE010 E3DLP1GPH

Luminous Intensity Polar Plot





TEST NUMBER: P1249293

CATALOG NUMBER: P3AS13R359027DE010 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°	92580
5°	90293
10°	82541
15°	70057
20°	55468
25°	41954
30°	30536
35°	20666
40°	12681
45°	7288
50°	4401
55°	3555
60°	3114
65°	2750
70°	2244
75°	2288
80°	2273
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 7288 cd/sqm

TEST NUMBER: P1249293

CATALOG NUMBER: P3AS13R359027DE010 E3DLP1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	37.9	13.2
10°-20°	85.1	29.5
20°-30°	79.6	27.6
30°-40°	48.7	16.9
40°-50°	19.2	6.7
50°-60°	8.5	2.9
60°-70°	5.2	1.8
70°-80°	2.8	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°	202.6	70.3
0°-40°	251.3	87.3
0°-60°	279.0	96.9
0°-90°	288.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	288.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	422	
5°	410	38
15°	309	85
25°	173	80
35°	77	49
45°	24	19
55°	9	8
65°	5	5
75°	3	3
85°	1	1
90°	0	

TEST NUMBER: P1249293

CATALOG NUMBER: P3AS13R359027DE010 E3DLP1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	422.2
1°	422.6
2°	421.3
3°	418.6
4°	414.6
5°	410.2
6°	404.4
7°	397.8
8°	389.8
9°	380.9
10°	370.7
11°	360.1
12°	348.5
13°	336.1
14°	322.4
15°	308.6
17.5°	273.2
20°	237.7
22.5°	203.5
25°	173.4
27.5°	145.4
30°	120.6
32.5°	97.6
35°	77.2
37.5°	59.0
40°	44.3
42.5°	31.9
45°	23.5
47.5°	16.9
50°	12.9
52.5°	10.6
55°	9.3
57.5°	8.0
60°	7.1
62.5°	6.2
65°	5.3
67.5°	4.4
70°	3.5
72.5°	3.1
75°	2.7
77.5°	2.2
80°	1.8
82.5°	1.3
85°	0.9
87.5°	0.4



TEST NUMBER: P1249293

CATALOG NUMBER: P3AS13R359027DE010 E3DLP1GPH

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)