

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: P1252026

Luminaire Tested: P3AS13R409030DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252026
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-22)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R409030DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R40 optic, 3000K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

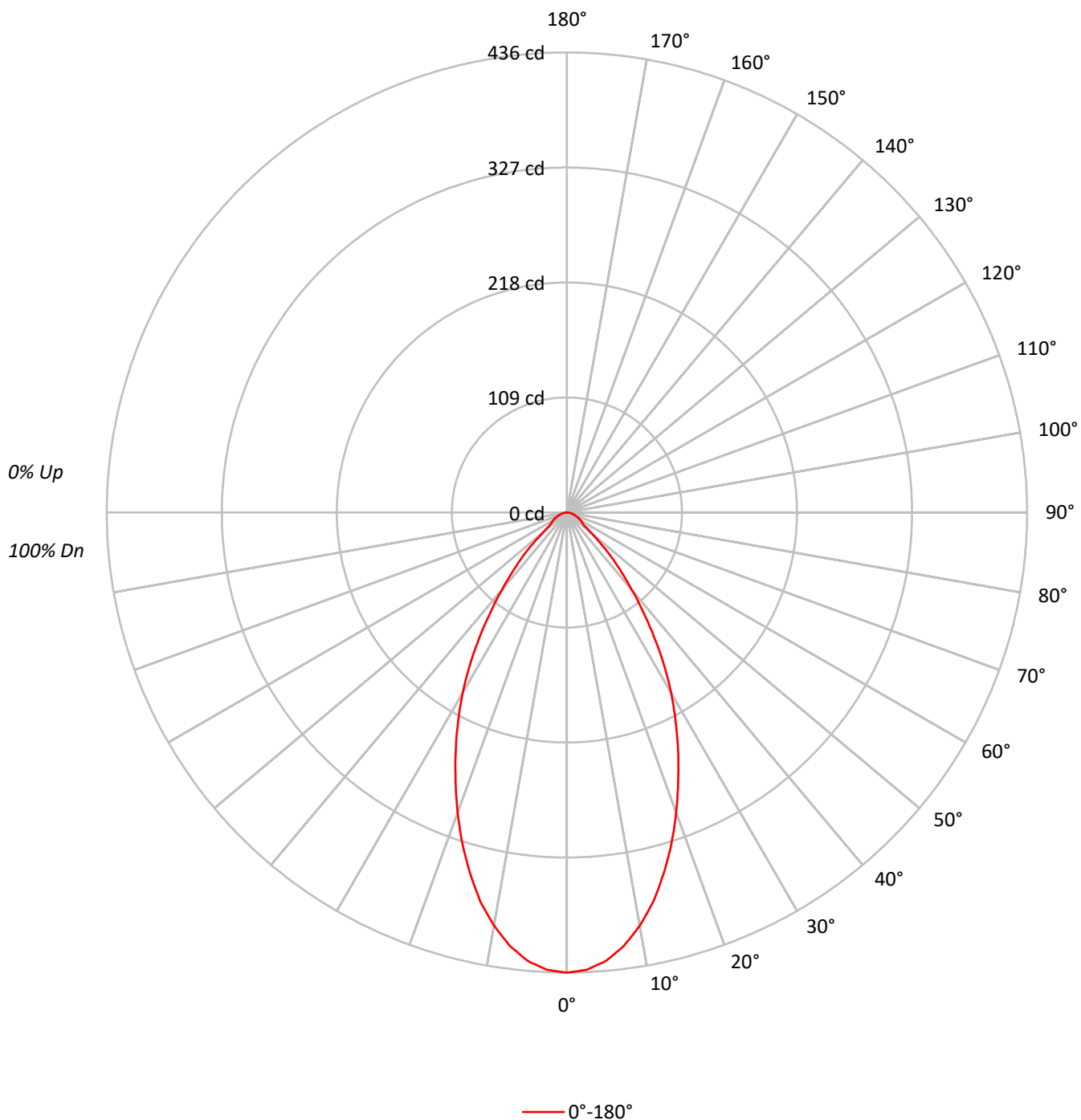
Lumens per Lamp: N/A
Luminaire Lumens: 426.0 lumens
Efficiency: N/A
Efficacy: 29.2 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1252026

CATALOG NUMBER: P3AS13R409030DE010 E3DLD1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1252026

CATALOG NUMBER: P3AS13R409030DE010 E3DLD1GPH

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

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	95628
5°	93902
10°	88509
15°	80386
20°	70613
25°	60318
30°	49957
35°	38521
40°	27423
45°	18483
50°	10064
55°	7111
60°	6710
65°	6174
70°	5514
75°	5253
80°	4167
85°	3522

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 18483 cd/sqm

TEST NUMBER: P1252026

CATALOG NUMBER: P3AS13R409030DE010 E3DLD1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	39.8	9.3
10°-20°	98.6	23.2
20°-30°	114.0	26.8
30°-40°	89.9	21.1
40°-50°	46.1	10.8
50°-60°	17.6	4.1
60°-70°	11.7	2.7
70°-80°	6.3	1.5
80°-90°	1.9	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°	252.5	59.3
0°-40°	342.3	80.4
0°-60°	406.1	95.3
0°-90°	426.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	426.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	436	
5°	427	40
15°	354	99
25°	249	114
35°	144	90
45°	60	46
55°	19	18
65°	12	12
75°	6	6
85°	1	2
90°	0	

TEST NUMBER: P1252026

CATALOG NUMBER: P3AS13R409030DE010 E3DLD1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	436.1
2.5°	433.7
5°	426.6
7.5°	414.2
10°	397.5
12.5°	378.0
15°	354.1
17.5°	329.3
20°	302.6
22.5°	275.5
25°	249.3
27.5°	223.1
30°	197.3
32.5°	171.1
35°	143.9
37.5°	118.7
40°	95.8
42.5°	76.3
45°	59.6
47.5°	43.4
50°	29.5
52.5°	21.4
55°	18.6
57.5°	16.7
60°	15.3
62.5°	13.3
65°	11.9
67.5°	10.0
70°	8.6
72.5°	7.1
75°	6.2
77.5°	4.8
80°	3.3
82.5°	2.9
85°	1.4
87.5°	1.0
90°	0.0

(END OF REPORT)