

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: P1249145

Luminaire Tested: P3AS13R129027DE010 E3DLP1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1249145
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-1)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R129027DE010 E3DLP1H
Description: 3in Adjustable LED luminaire with, R12 optic, 2700K CCT AND, 90CRI , E3DLP1H TRIM
Light Source: -
Ballast/Driver: -

Summary

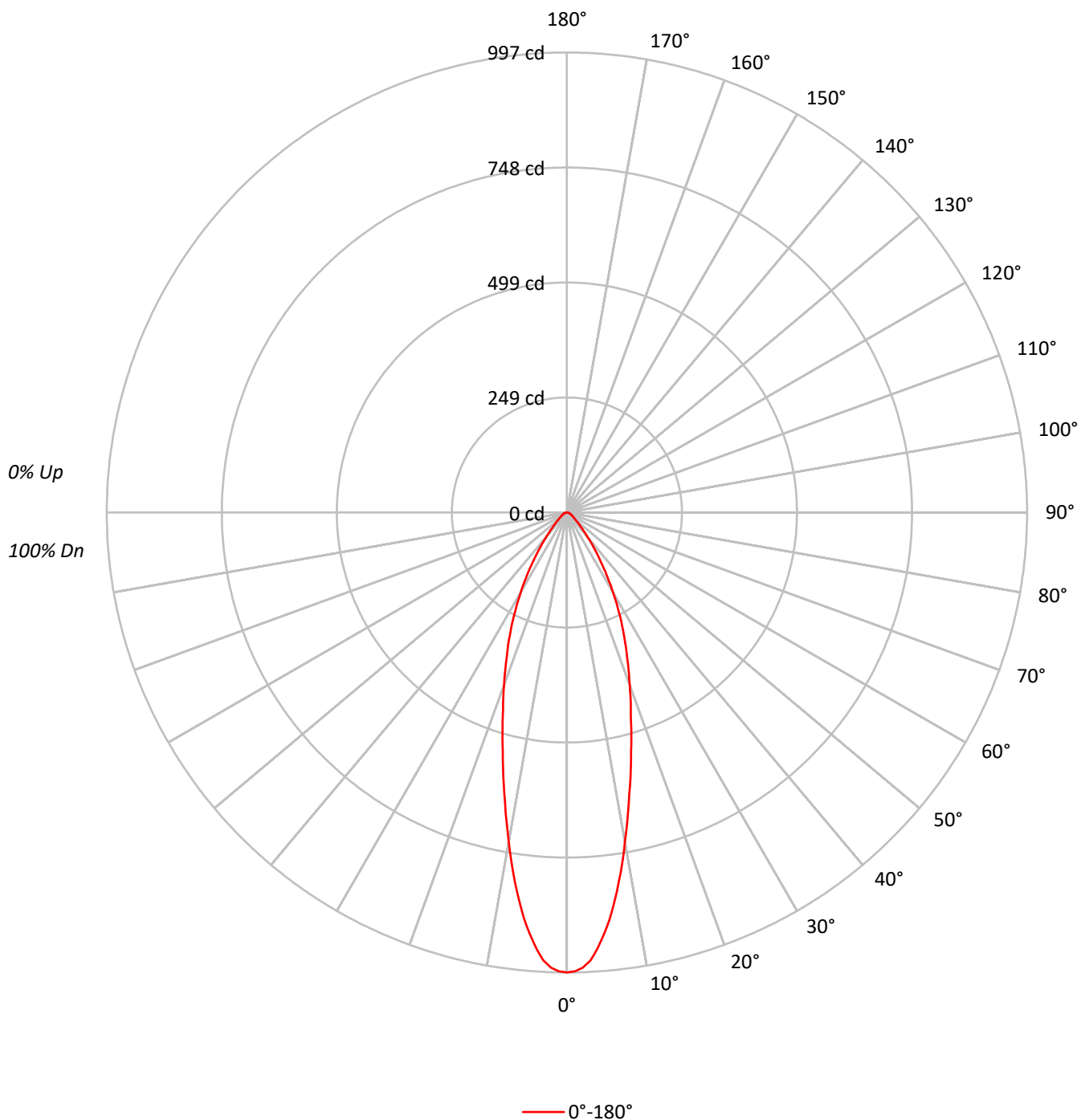
Lumens per Lamp: N/A
Luminaire Lumens: 507.0 lumens
Efficiency: N/A
Efficacy: 32.7 lumens/watt
Spacing Criteria (0/90/45): 0.52 / 0.52 / 0.61
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 15.5
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: P1249145

CATALOG NUMBER: P3AS13R129027DE010 E3DLP1H

Luminous Intensity Polar Plot



TEST NUMBER: P1249145

CATALOG NUMBER: P3AS13R129027DE010 E3DLP1H

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	106	111	108	106	104	104	102	101		100	99	98		97
2	108	103	98	95	105	101	97	94	98	95	92		95	92	90		92
3	102	96	91	87	100	94	90	86	92	88	85		89	86	83		87
4	97	90	84	80	95	88	83	79	86	82	78		84	81	78		82
5	93	84	78	74	91	83	78	74	81	77	73		80	76	72		78
6	88	79	73	69	87	79	73	69	77	72	69		76	71	68		74
7	84	75	69	65	83	74	69	65	73	68	64		72	67	64		71
8	80	71	65	61	79	71	65	61	69	64	61		68	64	61		67
9	77	68	62	58	76	67	62	58	66	61	58		65	61	57		64
10	74	64	59	55	73	64	59	55	63	58	55		62	58	55		62

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	218623
5°	202069
10°	161320
15°	121862
20°	92805
25°	70722
30°	50666
35°	33060
40°	20267
45°	12249
50°	8153
55°	6308
60°	5394
65°	4722
70°	4231
75°	4151
80°	3157
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 12249 cd/sqm

TEST NUMBER: P1249145

CATALOG NUMBER: P3AS13R129027DE010 E3DLP1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	81.3	16.0
10°-20°	150.0	29.6
20°-30°	133.6	26.3
30°-40°	79.0	15.6
40°-50°	32.4	6.4
50°-60°	15.2	3.0
60°-70°	9.3	1.8
70°-80°	4.9	1.0
80°-90°	1.2	0.2
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°	364.9	72.0
0°-40°	444.0	87.6
0°-60°	491.7	97.0
0°-90°	507.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	507.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	997	
5°	918	81
15°	537	150
25°	292	134
35°	124	79
45°	40	32
55°	16	15
65°	9	9
75°	5	5
85°	1	1
90°	0	

TEST NUMBER: P1249145

CATALOG NUMBER: P3AS13R129027DE010 E3DLP1H

CANDELA DISTRIBUTION (FULL):

0°	
0°	997.0
1°	994.6
2°	987.2
3°	972.3
4°	947.6
5°	918.0
6°	885.9
7°	848.0
8°	808.5
9°	768.2
10°	724.5
12.5°	624.9
15°	536.8
17.5°	461.1
20°	397.7
22.5°	341.7
25°	292.3
27.5°	244.5
30°	200.1
32.5°	159.7
35°	123.5
37.5°	94.7
40°	70.8
42.5°	52.7
45°	39.5
47.5°	30.5
50°	23.9
52.5°	19.8
55°	16.5
57.5°	14.0
60°	12.3
62.5°	10.7
65°	9.1
67.5°	8.2
70°	6.6
72.5°	5.8
75°	4.9
77.5°	3.3
80°	2.5
82.5°	1.6
85°	0.8
87.5°	0.8
90°	0.0

(END OF REPORT)