

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: P1249228

Luminaire Tested: P3AS13R259027DE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1249228
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-10)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R259027DE010 E3DLD1H
Description: 3in Adjustable LED luminaire with, R25 optic, 2700K CCT AND, 90CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

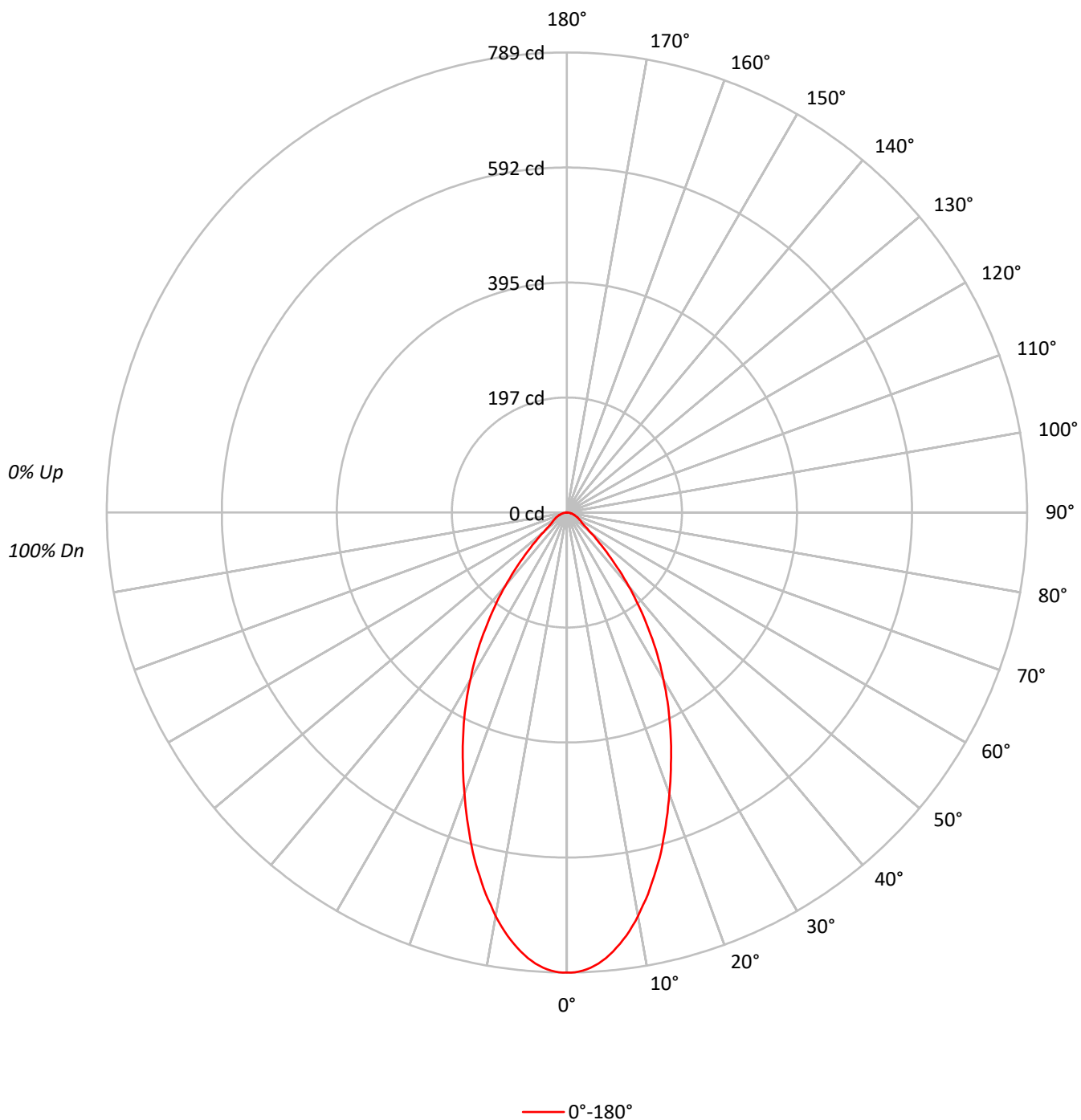
Lumens per Lamp: N/A
Luminaire Lumens: 728.0 lumens
Efficiency: N/A
Efficacy: 49.9 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1249228

CATALOG NUMBER: P3AS13R259027DE010 E3DLD1H

Luminous Intensity Polar Plot



TEST NUMBER: P1249228

CATALOG NUMBER: P3AS13R259027DE010 E3DLD1H

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	112	109	106	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	82	88	84	80		86	82	79		83
4	94	85	79	74	92	84	78	74	82	77	73		80	76	72		78
5	89	79	73	68	87	78	72	68	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	62		70	65	61		69
7	79	69	62	58	78	68	62	58	67	61	57		66	61	57		65
8	75	65	58	54	74	64	58	53	63	57	53		62	57	53		61
9	71	61	54	50	70	60	54	50	59	54	50		58	53	50		57
10	68	57	51	47	67	57	51	47	56	50	47		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	173012
5°	168897
10°	156510
15°	139388
20°	119780
25°	101812
30°	83810
35°	65317
40°	47002
45°	29802
50°	17637
55°	12119
60°	11139
65°	10377
70°	9296
75°	8472
80°	7956
85°	6793

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 29802 cd/sqm

TEST NUMBER: P1249228

CATALOG NUMBER: P3AS13R259027DE010 E3DLD1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	71.2	9.8
10°-20°	170.4	23.4
20°-30°	192.6	26.5
30°-40°	152.4	20.9
40°-50°	76.9	10.6
50°-60°	30.8	4.2
60°-70°	19.7	2.7
70°-80°	10.9	1.5
80°-90°	3.1	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°	434.2	59.6
0°-40°	586.5	80.6
0°-60°	694.3	95.4
0°-90°	728.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	728.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	789	
5°	767	71
15°	614	170
25°	421	193
35°	244	152
45°	96	77
55°	32	31
65°	20	20
75°	10	11
85°	3	3
90°	0	

TEST NUMBER: P1249228

CATALOG NUMBER: P3AS13R259027DE010 E3DLD1H

CANDELA DISTRIBUTION (FULL):

0°	
0°	789.0
1°	789.0
2°	786.3
3°	781.8
4°	775.4
5°	767.3
6°	757.3
7°	745.5
8°	732.8
9°	718.3
10°	702.9
11°	685.6
12°	669.3
13°	650.3
14°	632.1
15°	614.0
17.5°	563.2
20°	513.3
22.5°	466.2
25°	420.8
27.5°	376.4
30°	331.0
32.5°	288.4
35°	244.0
37.5°	203.2
40°	164.2
42.5°	127.9
45°	96.1
47.5°	71.6
50°	51.7
52.5°	39.0
55°	31.7
57.5°	29.0
60°	25.4
62.5°	22.7
65°	20.0
67.5°	17.2
70°	14.5
72.5°	12.7
75°	10.0
77.5°	8.2
80°	6.3
82.5°	4.5
85°	2.7
87.5°	0.9



TEST NUMBER: P1249228

CATALOG NUMBER: P3AS13R259027DE010 E3DLD1H

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)