

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: P1287278

Luminaire Tested: P3AS13R559030D2WDE010 E3DLD1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1287278
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-34)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R559030D2WDE010 E3DLD1H
Description: 3in Adjustable Dim to Warm LED luminaire with, R55 optic, 3000K CCT AND, 90CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

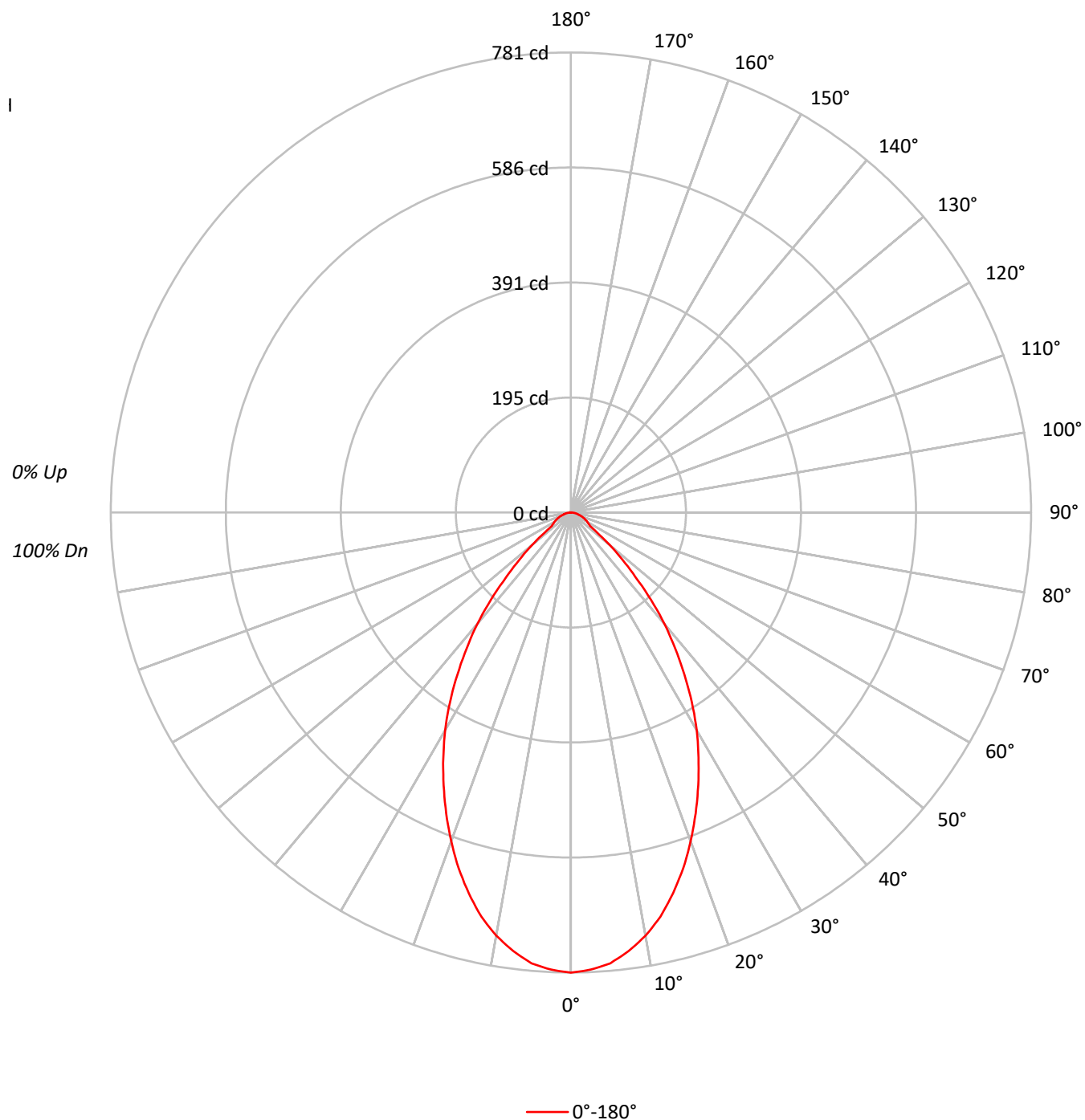
Lumens per Lamp: N/A
Luminaire Lumens: 911.0 lumens
Efficiency: N/A
Efficacy: 45.3 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 20.1
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: P1287278

CATALOG NUMBER: P3AS13R559030D2WDE010 E3DLD1H

Luminous Intensity Polar Plot



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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	103	110	107	104	102	103	100	98		99	97	95		95
2	105	100	95	91	103	98	93	90	94	91	88		91	88	86		89
3	99	91	85	81	97	90	84	80	87	82	79		85	81	77		82
4	93	84	77	72	91	83	77	72	80	75	71		78	74	70		76
5	87	77	71	66	85	76	70	65	75	69	65		73	68	64		71
6	82	72	65	60	80	71	64	60	69	64	59		68	63	59		66
7	77	67	60	55	76	66	59	55	65	59	54		63	58	54		62
8	73	62	55	51	72	62	55	51	60	55	50		59	54	50		58
9	69	58	51	47	68	58	51	47	57	51	47		56	50	46		55
10	65	55	48	44	64	54	48	44	53	47	43		52	47	43		52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	171302
5°	169095
10°	162433
15°	151942
20°	138589
25°	123660
30°	108169
35°	89864
40°	70847
45°	48036
50°	29372
55°	15216
60°	14166
65°	13387
70°	12438
75°	10929
80°	10860
85°	8051

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 48036 cd/sqm

TEST NUMBER: P1287278

CATALOG NUMBER: P3AS13R559030D2WDE010 E3DLD1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	72.0	7.9
10°-20°	187.1	20.5
20°-30°	234.2	25.7
30°-40°	209.1	23.0
40°-50°	122.4	13.4
50°-60°	42.3	4.6
60°-70°	25.6	2.8
70°-80°	14.2	1.6
80°-90°	4.1	0.5
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°	493.3	54.2
0°-40°	702.4	77.1
0°-60°	867.2	95.2
0°-90°	911.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	911.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	781	
5°	768	72
15°	669	187
25°	511	234
35°	336	209
45°	155	122
55°	40	42
65°	26	26
75°	13	14
85°	3	4
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	781.2
2.5°	776.8
5°	768.2
7.5°	751.0
10°	729.5
12.5°	702.6
15°	669.3
17.5°	633.7
20°	593.9
22.5°	553.0
25°	511.1
27.5°	469.1
30°	427.2
32.5°	382.0
35°	335.7
37.5°	290.5
40°	247.5
42.5°	201.2
45°	154.9
47.5°	118.4
50°	86.1
52.5°	56.0
55°	39.8
57.5°	35.5
60°	32.3
62.5°	29.1
65°	25.8
67.5°	22.6
70°	19.4
72.5°	16.1
75°	12.9
77.5°	10.8
80°	8.6
82.5°	5.4
85°	3.2
87.5°	2.2
90°	0.0

(END OF REPORT)