

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: P1287295

Luminaire Tested: P3AS13R609030D2WDE010 E3D1H

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1287295
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2501-338-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R609030D2WDE010 E3D1H
Description: 3in Adjustable Dim to Warm LED luminaire with, R60 optic, 3000K CCT AND, 90CRI , E3D1H TRIM
Light Source: -
Ballast/Driver: -

Summary

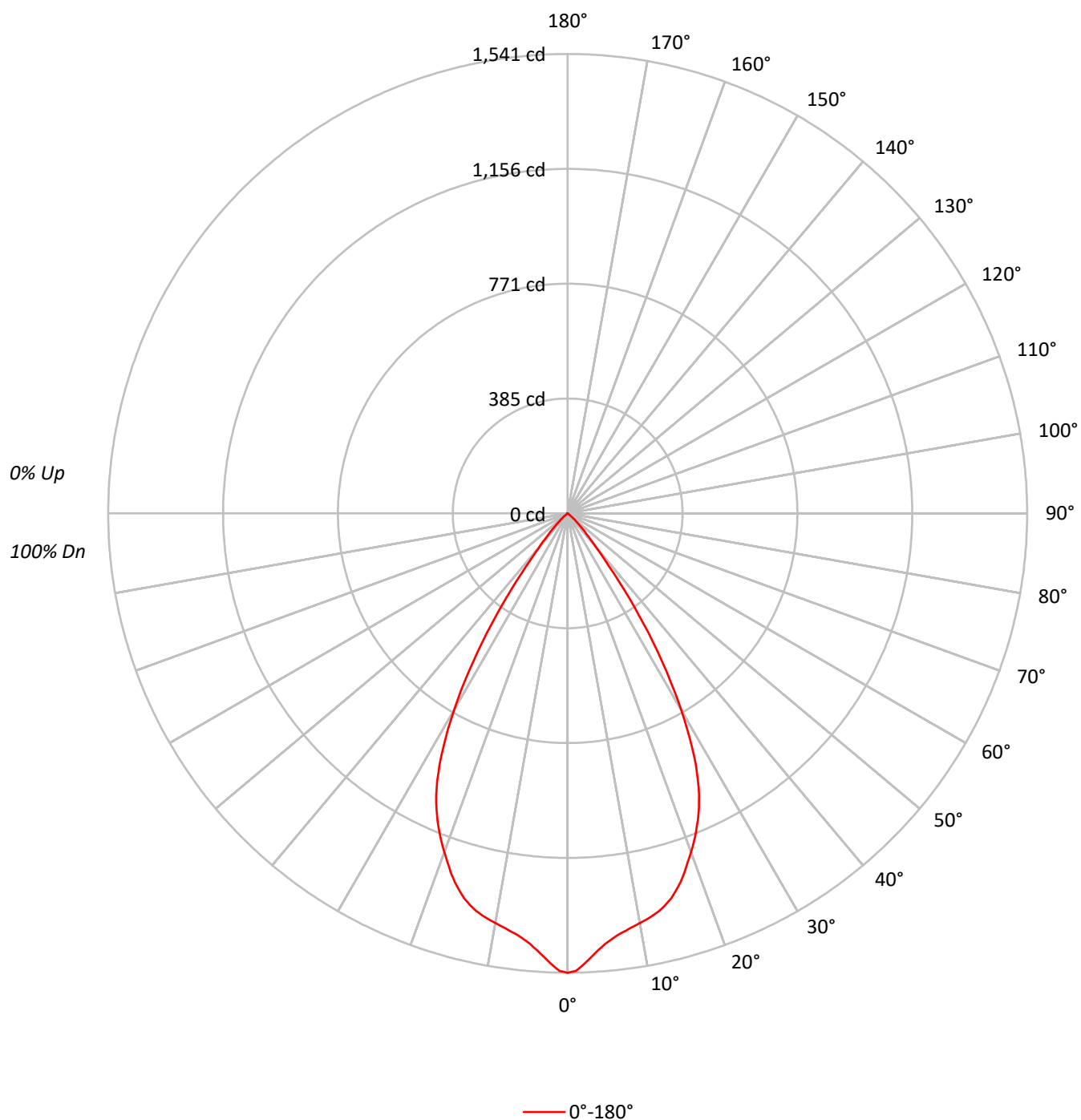
Lumens per Lamp: N/A
Luminaire Lumens: 1290.0 lumens
Efficiency: N/A
Efficacy: 64.2 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1287295

CATALOG NUMBER: P3AS13R609030D2WDE010 E3D1H

Luminous Intensity Polar Plot



TEST NUMBER: P1287295

CATALOG NUMBER: P3AS13R609030D2WDE010 E3D1H

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	114	111	109	106	111	109	107	105	105	103	102		101	100	99		98
2	108	104	100	96	106	102	98	95	99	96	93		96	93	91		93
3	103	97	92	88	101	96	91	88	93	89	86		91	87	85		88
4	98	91	85	81	96	90	85	81	88	83	80		86	82	79		84
5	93	85	80	75	92	84	79	75	83	78	74		81	77	74		79
6	89	80	74	70	87	79	74	70	78	73	70		77	72	69		75
7	85	76	70	66	83	75	69	65	74	69	65		72	68	65		71
8	81	71	65	61	79	71	65	61	70	65	61		69	64	61		68
9	77	67	62	58	76	67	61	58	66	61	57		65	61	57		64
10	73	64	58	54	72	63	58	54	63	58	54		62	57	54		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	337999
5°	319083
10°	310794
15°	303679
20°	282358
25°	252426
30°	192814
35°	111306
40°	43195
45°	17986
50°	3957
55°	612
60°	482
65°	259
70°	321
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 17986 cd/sqm

TEST NUMBER: P1287295

CATALOG NUMBER: P3AS13R609030D2WDE010 E3D1H

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	136.8	10.6
10°-20°	372.6	28.9
20°-30°	466.7	36.2
30°-40°	260.9	20.2
40°-50°	49.6	3.8
50°-60°	2.5	0.2
60°-70°	0.6	0.0
70°-80°	0.2	0.0
80°-90°	0.0	0.0
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°	976.2	75.7
0°-40°	1237.1	95.9
0°-60°	1289.2	99.9
0°-90°	1290.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1290.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1541	
5°	1450	137
15°	1338	373
25°	1043	467
35°	416	261
45°	58	50
55°	2	3
65°	0	1
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1287295

CATALOG NUMBER: P3AS13R609030D2WDE010 E3D1H

CANDELA DISTRIBUTION (FULL):

0°	
0°	1541.4
1°	1535.1
2°	1515.0
3°	1491.3
4°	1469.1
5°	1449.6
6°	1434.8
7°	1422.1
8°	1412.6
9°	1403.7
10°	1395.8
11°	1387.8
12°	1378.9
13°	1367.8
14°	1354.6
15°	1337.7
16°	1317.1
17°	1293.9
18°	1267.5
19°	1237.4
20°	1210.0
21°	1180.5
22°	1149.8
23°	1117.7
24°	1082.3
25°	1043.3
26°	997.3
27°	946.2
28°	888.6
29°	827.4
30°	761.5
31°	695.0
32°	626.4
32.5°	588.9
33°	555.1
34°	485.0
35°	415.8
36°	353.6
37°	287.6
37.5°	257.5
38°	228.0
39°	183.6
40°	150.9
42.5°	91.8
45°	58.0



TEST NUMBER: P1287295

CATALOG NUMBER: P3AS13R609030D2WDE010 E3D1H

CANDELA DISTRIBUTION (continued):

	0°
47.5°	32.2
50°	11.6
52.5°	2.6
55°	1.6
57.5°	1.1
60°	1.1
62.5°	0.5
65°	0.5
67.5°	0.5
70°	0.5
72.5°	0.5
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)