

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: P1252187

Luminaire Tested: P3AS13R709030DE010 E3D1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1252187
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-48)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R709030DE010 E3D1MW
Description: 3in Adjustable LED luminaire with, R70 optic, 3000K CCT AND, 90CRI , E3D1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

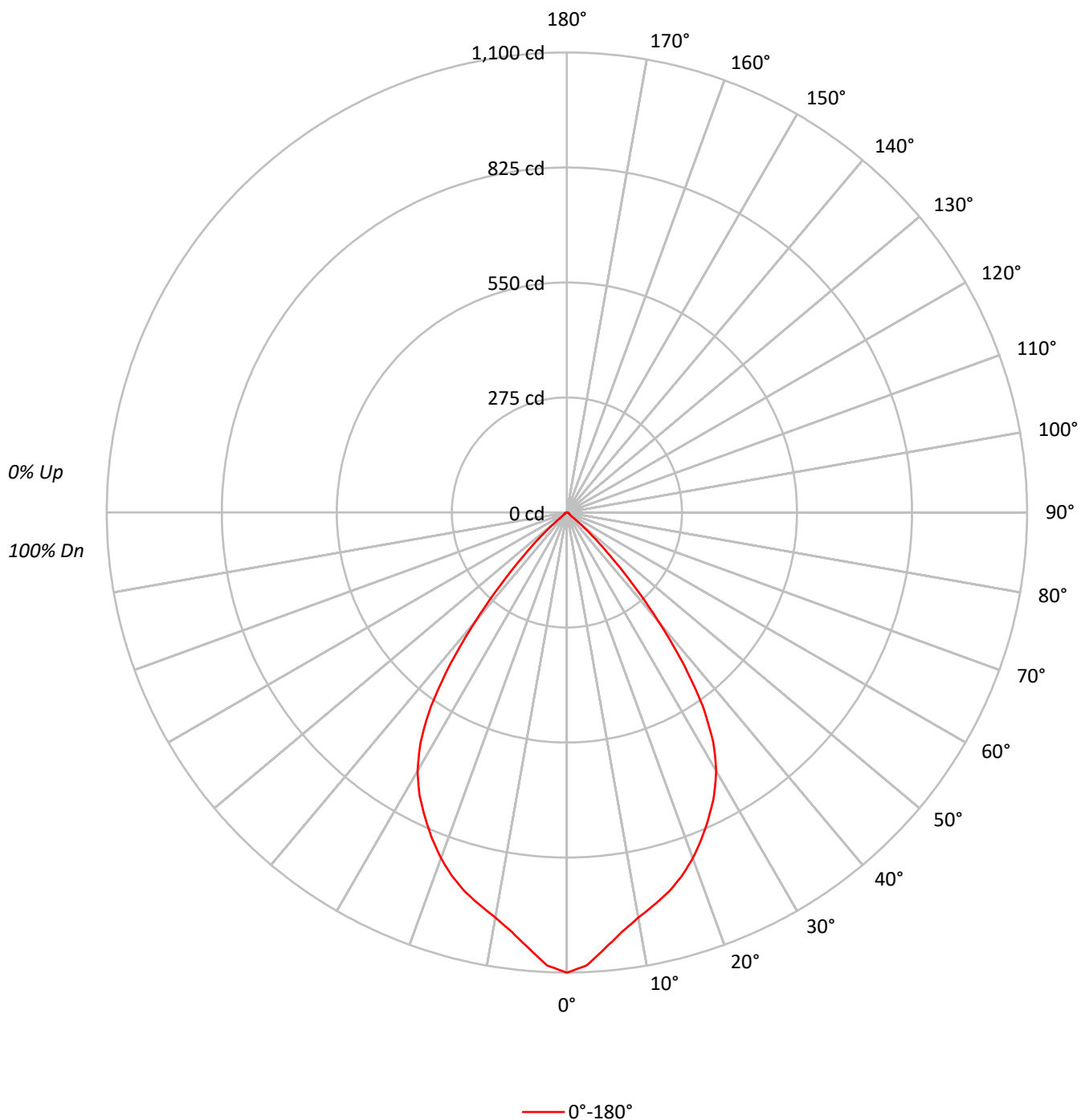
Lumens per Lamp: N/A
Luminaire Lumens: 1215.0 lumens
Efficiency: N/A
Efficacy: 83.2 lumens/watt
Spacing Criteria (0/90/45): 1.01 / 1.01 / 1.03
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1252187

CATALOG NUMBER: P3AS13R709030DE010 E3D1MW

Luminous Intensity Polar Plot





TEST NUMBER: P1252187

CATALOG NUMBER: P3AS13R709030DE010 E3D1MW

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20					20					20					20					20
RC	80					70					30					10					0
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	113	110	107	105		111	108	106	103		104	102	100		100	99	97		97	96	94
2	107	102	97	94		105	100	96	93		97	94	91		94	91	89		91	89	87
3	101	94	89	85		99	93	88	84		90	86	83		88	84	81		85	82	80
4	95	87	81	77		94	86	81	76		84	79	75		82	78	75		80	77	74
5	90	81	75	70		88	80	74	70		78	73	69		77	72	69		75	71	68
6	85	75	69	64		83	75	69	64		73	68	64		72	67	63		70	66	63
7	80	70	64	59		79	70	64	59		68	63	59		67	62	59		66	62	58
8	76	66	59	55		75	65	59	55		64	58	55		63	58	54		62	57	54
9	72	62	55	51		71	61	55	51		60	55	51		59	54	50		58	54	50
10	68	58	52	47		67	57	51	47		56	51	47		56	51	47		55	50	47

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	241275
5°	230222
10°	219034
15°	213191
20°	205305
25°	194310
30°	180737
35°	151808
40°	97840
45°	45462
50°	11940
55°	2982
60°	2982
65°	2542
70°	2500
75°	2457
80°	2399
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 45462 cd/sqm

TEST NUMBER: P1252187

CATALOG NUMBER: P3AS13R709030DE010 E3D1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	97.9	8.1
10°-20°	263.9	21.7
20°-30°	368.7	30.3
30°-40°	341.8	28.1
40°-50°	122.6	10.1
50°-60°	10.4	0.9
60°-70°	5.2	0.4
70°-80°	3.3	0.3
80°-90°	1.3	0.1
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°	730.4	60.1
0°-40°	1072.2	88.2
0°-60°	1205.2	99.2
0°-90°	1215.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1215.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1100	
5°	1046	98
15°	939	264
25°	803	369
35°	567	342
45°	147	123
55°	8	10
65°	5	5
75°	3	3
85°	1	1
90°	0	

TEST NUMBER: P1252187

CATALOG NUMBER: P3AS13R709030DE010 E3D1MW

CANDELA DISTRIBUTION (FULL):

	0°
0°	1100.3
2.5°	1083.8
5°	1045.9
7.5°	1010.9
10°	983.7
12.5°	961.4
15°	939.1
17.5°	911.9
20°	879.8
22.5°	842.9
25°	803.1
27.5°	762.3
30°	713.8
32.5°	651.6
35°	567.1
37.5°	459.3
40°	341.8
42.5°	233.1
45°	146.6
47.5°	81.6
50°	35.0
52.5°	11.7
55°	7.8
57.5°	6.8
60°	6.8
62.5°	5.8
65°	4.9
67.5°	4.9
70°	3.9
72.5°	3.9
75°	2.9
77.5°	2.9
80°	1.9
82.5°	1.9
85°	1.0
87.5°	1.0
90°	0.0

(END OF REPORT)