

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: P1251910

Luminaire Tested: P3AS13R209030DE010 E3DLD1MW

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1251910
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-6)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R209030DE010 E3DLD1MW
Description: 3in Adjustable LED luminaire with, R20 optic, 3000K CCT AND, 90CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

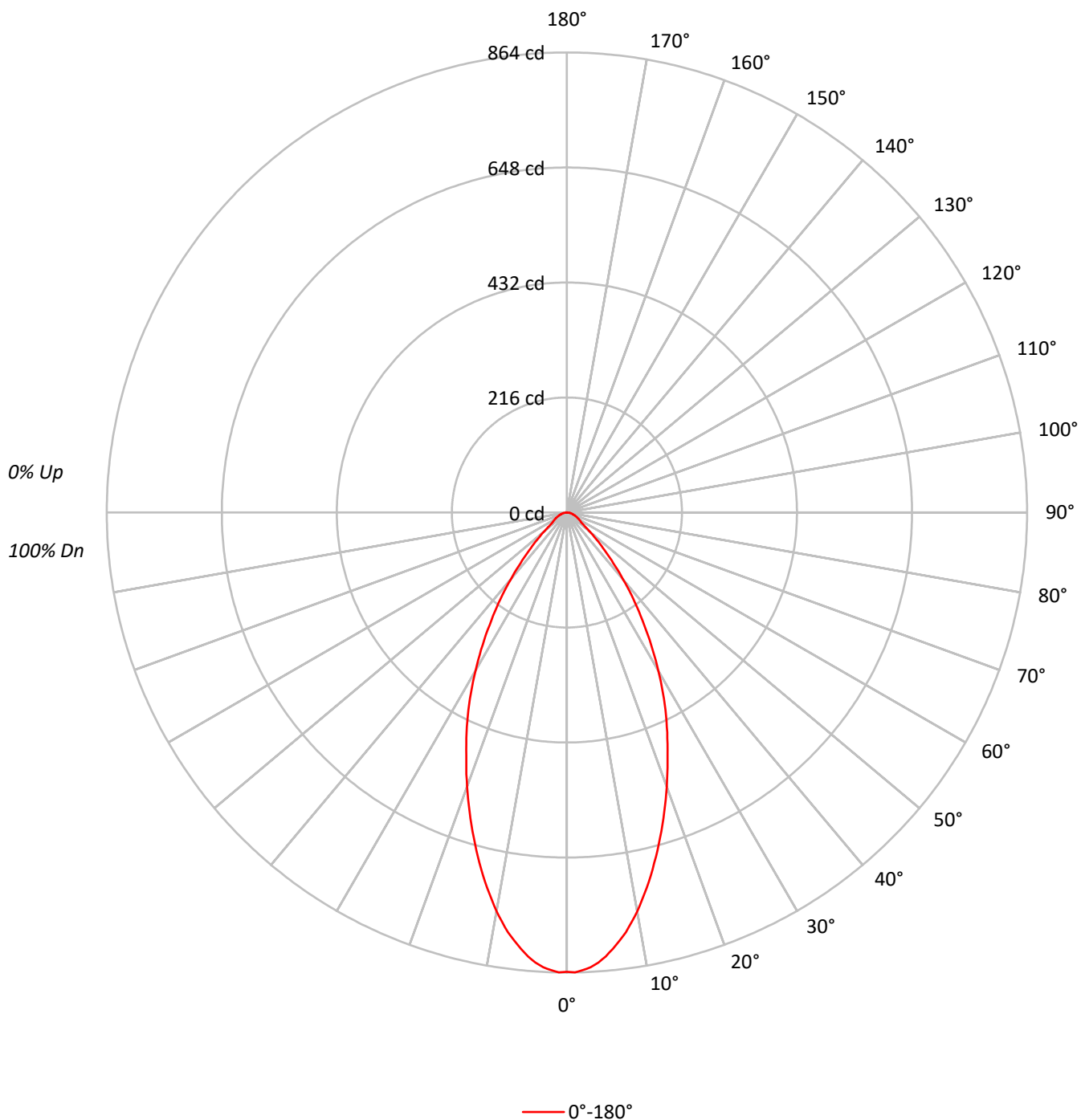
Lumens per Lamp: N/A
Luminaire Lumens: 764.9 lumens
Efficiency: N/A
Efficacy: 52.4 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1251910

CATALOG NUMBER: P3AS13R209030DE010 E3DLD1MW

Luminous Intensity Polar Plot



TEST NUMBER: P1251910

CATALOG NUMBER: P3AS13R209030DE010 E3DLD1MW

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	109	106	104		110	107	105	102		103	101	99		99	98	96		96	95	93
2	106	100	96	92		104	99	94	91		95	92	89		92	89	87		90	87	85
3	100	93	87	82		98	91	86	82		88	84	80		86	82	79		84	81	78
4	94	86	79	75		92	85	79	74		82	77	73		80	76	72		78	75	72
5	89	80	73	68		87	79	73	68		77	71	67		75	70	67		73	69	66
6	84	74	68	63		82	73	67	63		72	66	62		70	65	62		69	65	61
7	80	69	63	58		78	69	62	58		67	62	58		66	61	57		65	60	57
8	75	65	59	54		74	64	58	54		63	58	54		62	57	53		61	57	53
9	72	61	55	50		70	61	55	50		60	54	50		59	54	50		58	53	50
10	68	58	51	47		67	57	51	47		56	51	47		56	51	47		55	50	47

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	189217
5°	184173
10°	169425
15°	149127
20°	127901
25°	107450
30°	86849
35°	66066
40°	47002
45°	31042
50°	19240
55°	12616
60°	11490
65°	10585
70°	9938
75°	9065
80°	8587
85°	7296

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 31042 cd/sqm

TEST NUMBER: P1251910

CATALOG NUMBER: P3AS13R209030DE010 E3DLD1MW

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	77.4	10.1
10°-20°	182.9	23.9
20°-30°	203.0	26.5
30°-40°	154.8	20.2
40°-50°	79.3	10.4
50°-60°	32.6	4.3
60°-70°	20.3	2.7
70°-80°	11.4	1.5
80°-90°	3.3	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°	463.3	60.6
0°-40°	618.1	80.8
0°-60°	730.0	95.4
0°-90°	764.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	764.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	863	
5°	837	77
15°	657	183
25°	444	203
35°	247	155
45°	100	79
55°	33	33
65°	20	20
75°	11	11
85°	3	3
90°	0	

TEST NUMBER: P1251910

CATALOG NUMBER: P3AS13R209030DE010 E3DLD1MW

CANDELA DISTRIBUTION (FULL):

0°	
0°	862.9
1°	863.9
2°	860.0
3°	855.2
4°	847.4
5°	836.7
6°	824.1
7°	810.5
8°	795.9
9°	778.4
10°	760.9
12.5°	710.4
15°	656.9
17.5°	602.5
20°	548.1
22.5°	493.7
25°	444.1
27.5°	394.5
30°	343.0
32.5°	294.4
35°	246.8
37.5°	205.0
40°	164.2
42.5°	129.2
45°	100.1
47.5°	75.8
50°	56.4
52.5°	41.8
55°	33.0
57.5°	30.1
60°	26.2
62.5°	23.3
65°	20.4
67.5°	17.5
70°	15.5
72.5°	12.6
75°	10.7
77.5°	8.7
80°	6.8
82.5°	4.9
85°	2.9
87.5°	1.0
90°	0.0

(END OF REPORT)