

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: P1251990

Luminaire Tested: P3AS13R359030DE010 E3DL1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1251990
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-19)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R359030DE010 E3DL1LI
Description: 3in Adjustable LED luminaire with, R35 optic, 3000K CCT AND, 90CRI , E3DL1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

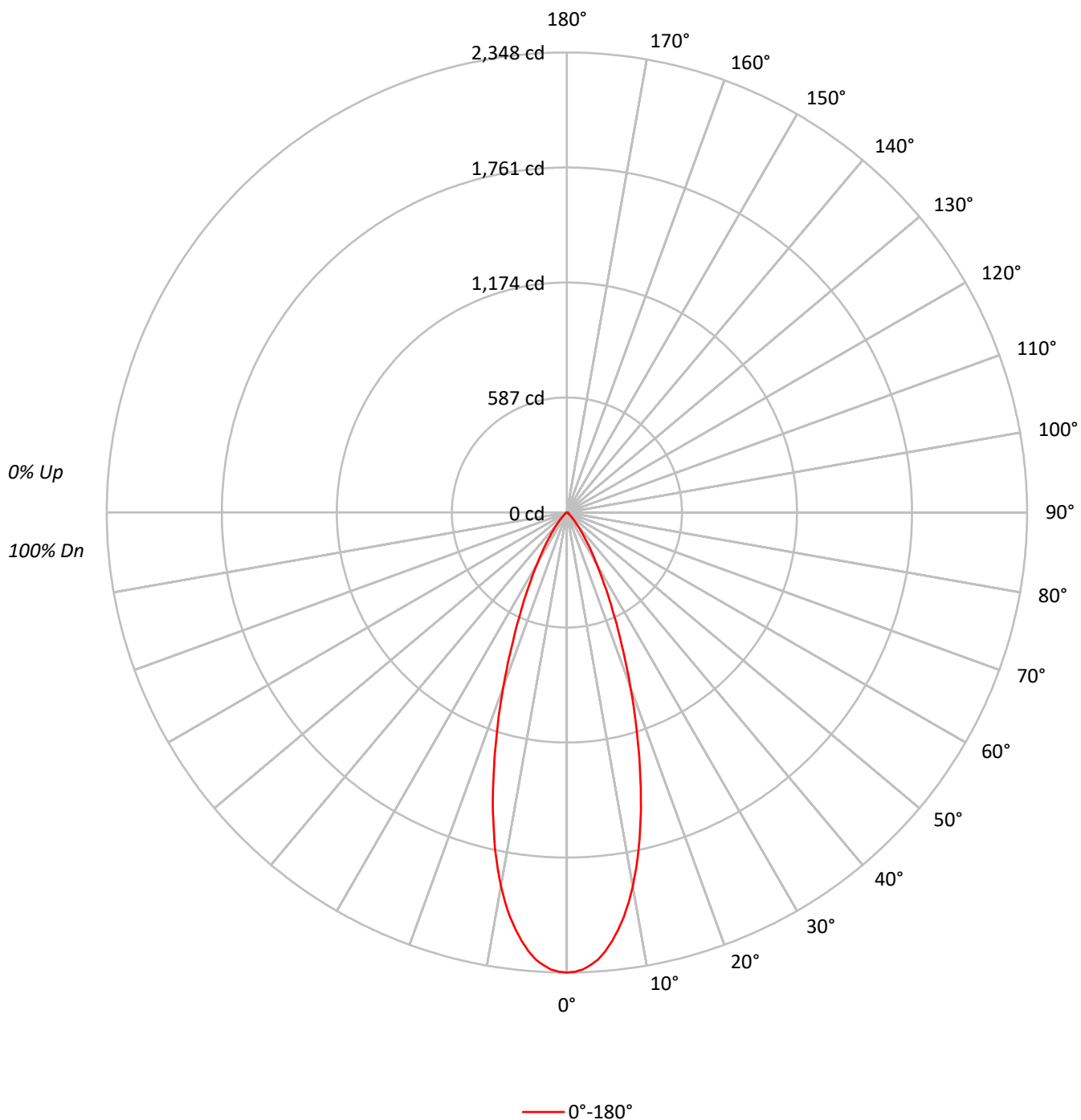
Lumens per Lamp: N/A
Luminaire Lumens: 1021.0 lumens
Efficiency: N/A
Efficacy: 69.9 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1251990

CATALOG NUMBER: P3AS13R359030DE010 E3DL1LI

Luminous Intensity Polar Plot



TEST NUMBER: P1251990

CATALOG NUMBER: P3AS13R359030DE010 E3DL1LI

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	112	109	107	112	109	107	106	105	104	102		102	100	99		98
2	109	105	101	98	107	103	100	97	100	97	95		97	95	93		94
3	105	99	95	91	103	98	94	90	95	92	89		93	90	88		91
4	100	94	89	85	99	93	88	85	91	87	84		89	85	83		87
5	96	89	84	80	95	88	83	80	86	82	79		85	81	78		83
6	92	85	80	76	91	84	79	76	83	78	75		81	77	75		80
7	89	81	76	72	88	80	75	72	79	75	71		78	74	71		77
8	85	77	72	69	84	77	72	68	76	71	68		75	71	68		74
9	82	74	69	66	81	74	69	65	73	68	65		72	68	65		71
10	79	71	66	63	78	71	66	63	70	66	63		69	65	62		69

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	514959
5°	494892
10°	431210
15°	330286
20°	220963
25°	133701
30°	76721
35°	42884
40°	22786
45°	11753
50°	5629
55°	4473
60°	4254
65°	3528
70°	3719
75°	3304
80°	3662
85°	2516

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 11753 cd/sqm

TEST NUMBER: P1251990

CATALOG NUMBER: P3AS13R359030DE010 E3DL1LI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	204.6	20.0
10°-20°	396.4	38.8
20°-30°	259.5	25.4
30°-40°	105.3	10.3
40°-50°	31.6	3.1
50°-60°	10.7	1.1
60°-70°	7.2	0.7
70°-80°	4.2	0.4
80°-90°	1.5	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°	860.5	84.3
0°-40°	965.8	94.6
0°-60°	1008.1	98.7
0°-90°	1021.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1021.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2348	
5°	2248	205
15°	1455	396
25°	553	260
35°	160	105
45°	38	32
55°	12	11
65°	7	7
75°	4	4
85°	1	1
90°	0	

TEST NUMBER: P1251990

CATALOG NUMBER: P3AS13R359030DE010 E3DL1LI

CANDELA DISTRIBUTION (FULL):

0°	
0°	2348.4
1°	2344.5
2°	2333.8
3°	2312.4
4°	2287.2
5°	2248.3
6°	2199.8
7°	2145.4
8°	2084.2
9°	2014.3
10°	1936.6
11°	1850.1
12°	1759.8
13°	1658.8
14°	1562.7
15°	1454.9
17.5°	1193.6
20°	946.9
22.5°	728.4
25°	552.6
27.5°	411.8
30°	303.0
32.5°	222.4
35°	160.2
37.5°	113.6
40°	79.6
42.5°	55.4
45°	37.9
47.5°	25.3
50°	16.5
52.5°	12.6
55°	11.7
57.5°	10.7
60°	9.7
62.5°	8.7
65°	6.8
67.5°	5.8
70°	5.8
72.5°	4.9
75°	3.9
77.5°	2.9
80°	2.9
82.5°	1.9
85°	1.0
87.5°	1.0



TEST NUMBER: P1251990
CATALOG NUMBER: P3AS13R359030DE010 E3DL1LI

CANDELA DISTRIBUTION (continued):



(END OF REPORT)