

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: P1254556

Luminaire Tested: P3AS13R129035DE010 E3DLD1LI

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1254556
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-2)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R129035DE010 E3DLD1LI
Description: 3in Adjustable LED luminaire with, R12 optic, 3500K CCT AND, 90CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

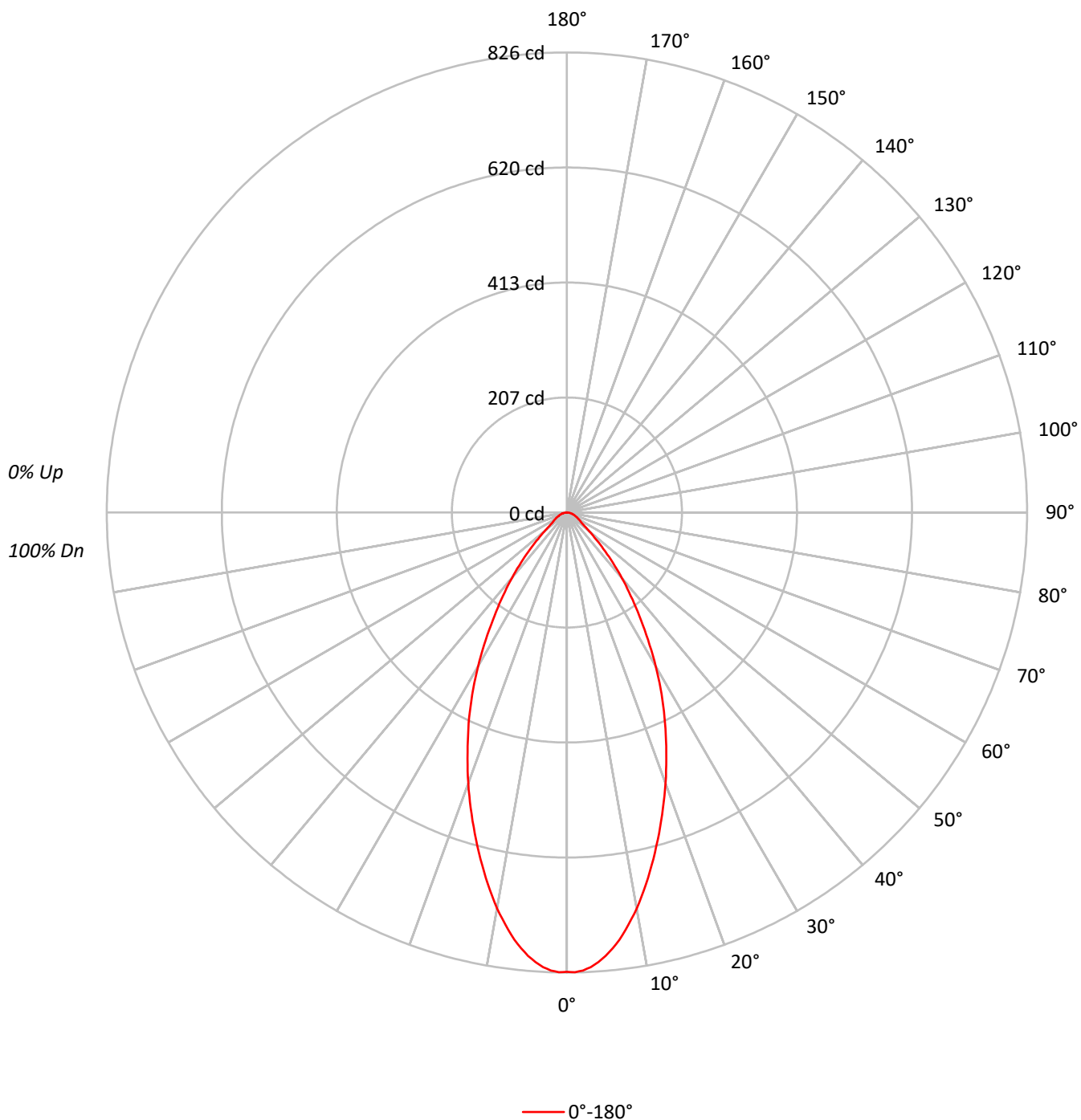
Lumens per Lamp: N/A
Luminaire Lumens: 717.0 lumens
Efficiency: N/A
Efficacy: 46.3 lumens/watt
Spacing Criteria (0/90/45): 0.75 / 0.75 / 0.82
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 15.5
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: P1254556

CATALOG NUMBER: P3AS13R129035DE010 E3DLD1LI

Luminous Intensity Polar Plot



TEST NUMBER: P1254556

CATALOG NUMBER: P3AS13R129035DE010 E3DLD1LI

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	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	113	109	107	104	110	107	105	102	103	101	99	99	98	96	96	95	93	91		
2	106	100	96	92	104	99	95	91	95	92	89	92	90	87	90	87	85	83		
3	100	93	87	83	98	91	86	82	89	84	81	86	82	79	84	81	78	76		
4	94	86	80	75	92	85	79	74	82	77	73	80	76	73	78	75	72	70		
5	89	80	73	68	87	79	73	68	77	72	67	75	71	67	74	69	66	65		
6	84	74	68	63	83	73	67	63	72	66	62	70	66	62	69	65	61	60		
7	80	69	63	58	78	69	63	58	67	62	58	66	61	57	65	61	57	56		
8	76	65	59	54	74	65	58	54	63	58	54	62	57	54	61	57	53	52		
9	72	61	55	51	71	61	55	51	60	54	50	59	54	50	58	53	50	49		
10	68	58	52	48	67	57	51	47	57	51	47	56	51	47	55	50	47	46		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	180863
5°	175941
10°	160785
15°	140841
20°	120807
25°	100869
30°	80721
35°	60552
40°	43939
45°	28716
50°	17978
55°	12157
60°	10745
65°	9910
70°	9296
75°	8472
80°	8082
85°	6793

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 28716 cd/sqm

TEST NUMBER: P1254556

CATALOG NUMBER: P3AS13R129035DE010 E3DLD1LI

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	73.8	10.3
10°-20°	172.9	24.1
20°-30°	190.5	26.6
30°-40°	142.6	19.9
40°-50°	73.9	10.3
50°-60°	30.7	4.3
60°-70°	19.0	2.6
70°-80°	10.7	1.5
80°-90°	3.1	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°	437.1	61.0
0°-40°	579.7	80.9
0°-60°	684.3	95.4
0°-90°	717.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	717.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	825	
5°	799	74
15°	620	173
25°	417	190
35°	226	143
45°	93	74
55°	32	31
65°	19	19
75°	10	11
85°	3	3
90°	0	

TEST NUMBER: P1254556

CATALOG NUMBER: P3AS13R129035DE010 E3DLD1LI

CANDELA DISTRIBUTION (FULL):

0°	
0°	824.8
1°	825.7
2°	822.9
3°	817.5
4°	809.3
5°	799.3
6°	786.6
7°	773.0
8°	756.6
9°	739.4
10°	722.1
12.5°	672.2
15°	620.4
17.5°	568.6
20°	517.7
22.5°	466.0
25°	416.9
27.5°	367.9
30°	318.8
32.5°	270.7
35°	226.2
37.5°	188.0
40°	153.5
42.5°	121.7
45°	92.6
47.5°	69.9
50°	52.7
52.5°	39.1
55°	31.8
57.5°	28.2
60°	24.5
62.5°	21.8
65°	19.1
67.5°	16.3
70°	14.5
72.5°	11.8
75°	10.0
77.5°	8.2
80°	6.4
82.5°	4.5
85°	2.7
87.5°	0.9
90°	0.0

(END OF REPORT)