

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: P1246905

Luminaire Tested: P3A13R309024DE010 E3DLP1WH

Issue Date: 1/30/2026

**Test Information**

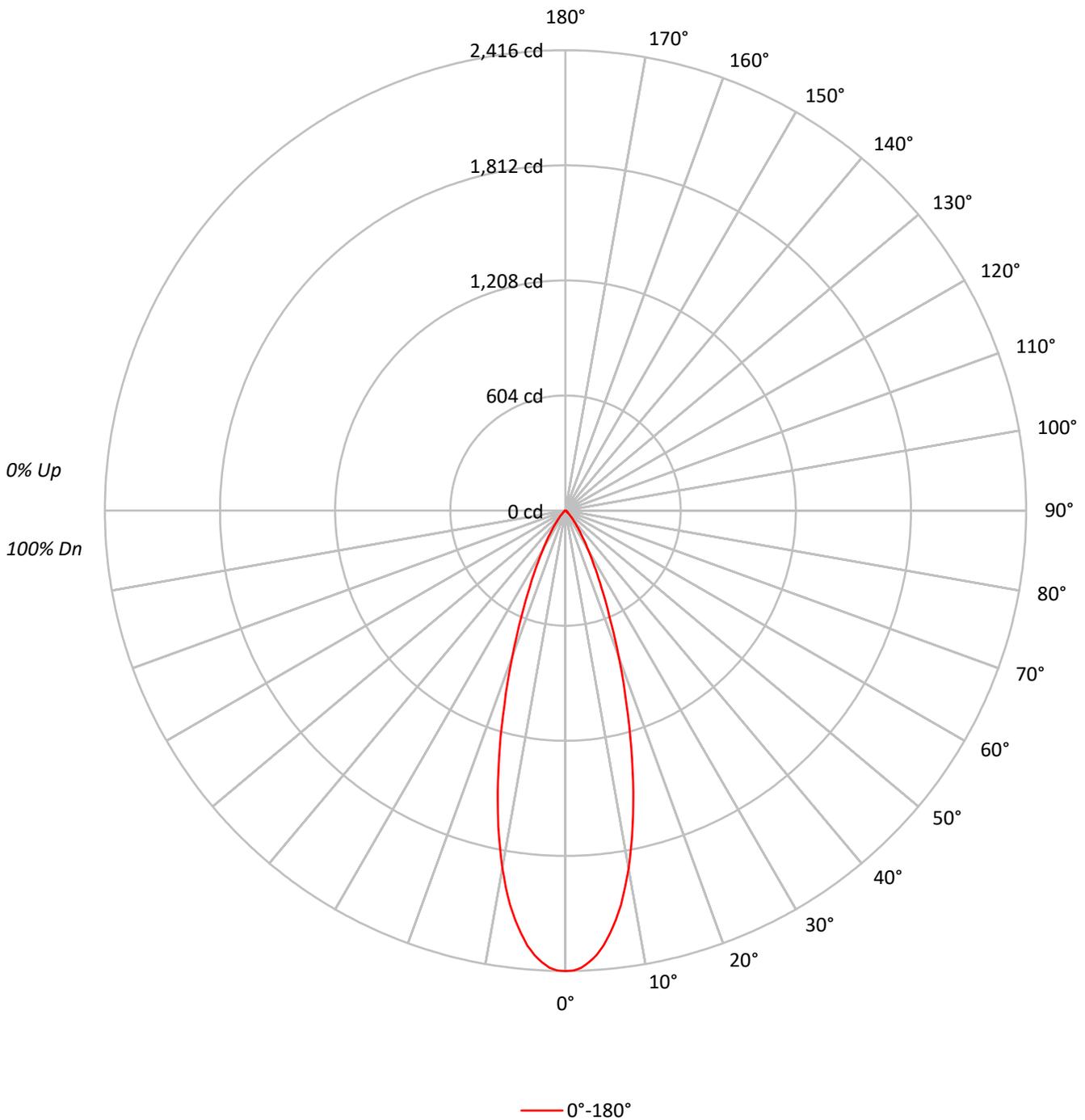
Test Method: LM-79-2019  
Report Number: P1246905  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-15)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3A13R309024DE010 E3DLP1WH  
Description: 3in Adjustable LED luminaire with, R30 optic, 2400K CCT AND, 90CRI , E3DLP1WH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 908.0 lumens  
Efficiency: N/A  
Efficacy: 62.2 lumens/watt  
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 14.6  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): 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: P1246905  
CATALOG NUMBER: P3A13R309024DE010 E3DLP1WH

### Luminous Intensity Polar Plot





TEST NUMBER: P1246905

CATALOG NUMBER: P3A13R309024DE010 E3DLP1WH

**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20				20				20				20				20					
RC	80				70				50				30				10			0		
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0	
RCR																						
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100	99	98	97	100
1	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95	95	93	92	95
2	110	105	102	99	107	104	101	98	101	98	96	98	96	94	95	93	92	90	91	89	87	90
3	105	100	96	92	103	98	95	91	96	93	90	94	91	89	91	89	87	86	88	85	83	86
4	101	95	90	87	99	94	89	86	92	88	85	90	87	84	88	85	83	82	86	83	81	82
5	97	90	85	82	96	89	85	81	88	84	81	86	83	80	85	82	79	78	85	82	79	78
6	94	86	81	78	92	85	81	77	84	80	77	83	79	76	81	78	76	75	81	78	76	75
7	90	82	77	74	89	82	77	74	81	76	73	80	76	73	79	75	73	71	79	75	73	71
8	87	79	74	71	86	79	74	71	78	73	70	77	73	70	76	72	70	69	76	72	70	69
9	84	76	71	68	83	75	71	68	75	70	67	74	70	67	73	70	67	66	73	70	67	66
10	81	73	68	65	80	73	68	65	72	68	65	71	67	65	71	67	65	63	71	67	65	63

**AVERAGE LUMINANCE (cd/sqm):**

	0°
0°	529848
5°	504313
10°	424196
15°	305904
20°	189763
25°	107909
30°	59933
35°	32605
40°	17175
45°	9303
50°	4981
55°	3288
60°	3026
65°	3113
70°	2757
75°	2203
80°	2147
85°	2264

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 9303 cd/sqm



TEST NUMBER: P1246905  
 CATALOG NUMBER: P3A13R309024DE010 E3DLP1WH

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	206.3	22.7
10°-20°	366.7	40.4
20°-30°	211.9	23.3
30°-40°	80.4	8.9
40°-50°	24.7	2.7
50°-60°	8.3	0.9
60°-70°	5.6	0.6
70°-80°	3.1	0.3
80°-90°	0.9	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°	784.9	86.4
0°-40°	865.4	95.3
0°-60°	898.4	98.9
0°-90°	908.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	908.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	2416	
5°	2291	206
15°	1348	367
25°	446	212
35°	122	80
45°	30	25
55°	9	8
65°	6	6
75°	3	3
85°	1	1
90°	0	



TEST NUMBER: P1246905

CATALOG NUMBER: P3A13R309024DE010 E3DLP1WH

**CANDELA DISTRIBUTION (FULL):**

0°	
0°	2416.3
1°	2414.6
2°	2400.0
3°	2372.5
4°	2338.2
5°	2291.1
6°	2231.0
7°	2164.1
8°	2089.5
9°	2000.3
10°	1905.1
11°	1802.1
12°	1693.2
13°	1579.1
14°	1463.3
15°	1347.5
17.5°	1062.8
20°	813.2
22.5°	603.0
25°	446.0
27.5°	324.2
30°	236.7
32.5°	170.7
35°	121.8
37.5°	84.9
40°	60.0
42.5°	42.0
45°	30.0
47.5°	20.6
50°	14.6
52.5°	10.3
55°	8.6
57.5°	7.7
60°	6.9
62.5°	6.0
65°	6.0
67.5°	5.1
70°	4.3
72.5°	3.4
75°	2.6
77.5°	2.6
80°	1.7
82.5°	1.7
85°	0.9
87.5°	0.0



TEST NUMBER: P1246905  
CATALOG NUMBER: P3A13R309024DE010 E3DLP1WH

CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)