

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: P1287165

Luminaire Tested: P3AS13R359030D2WDE010 E3DLD1MW

Issue Date: 1/30/2026

**Test Information**

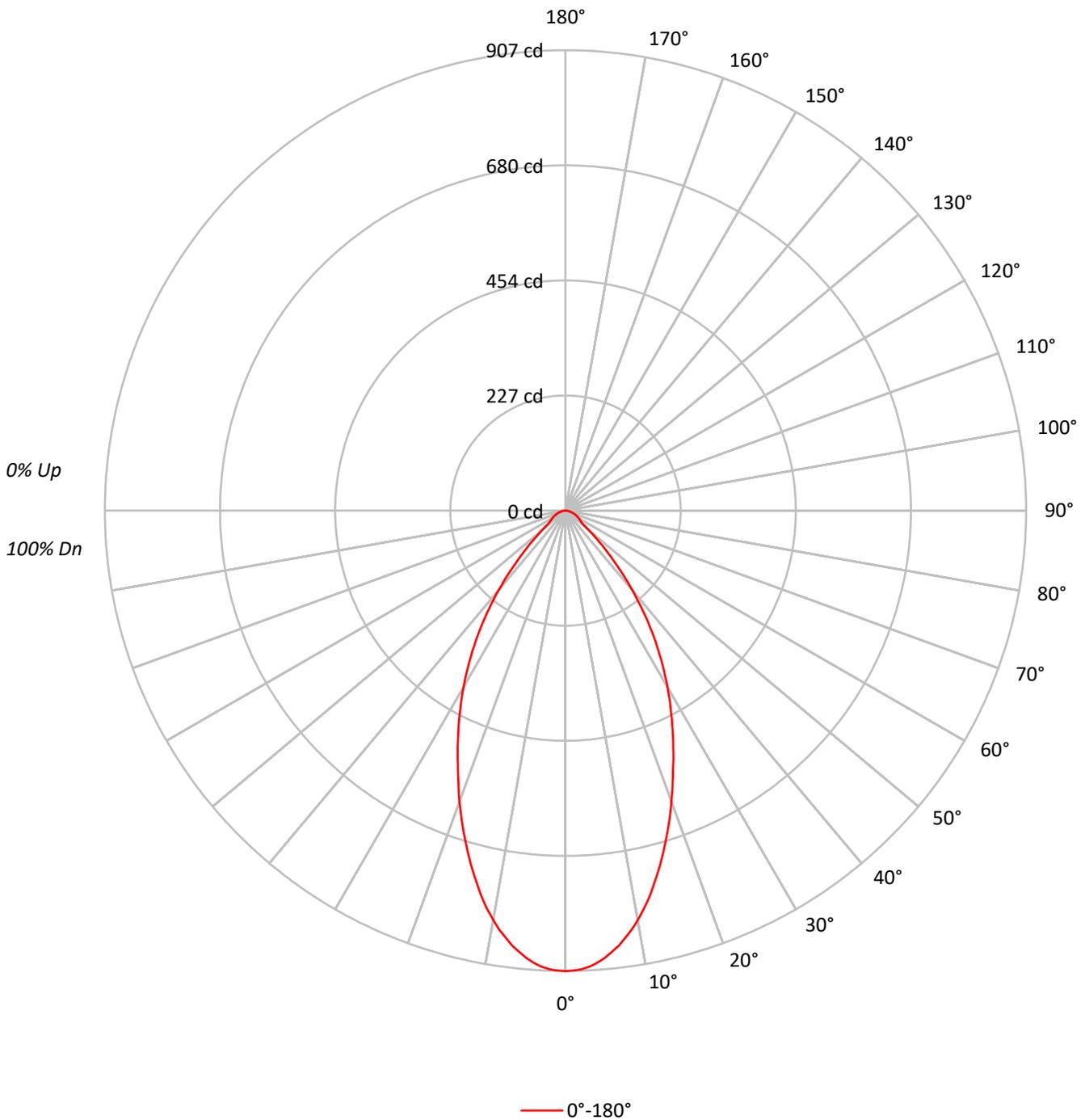
Test Method: LM-79-2019  
Report Number: P1287165  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-18)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS13R359030D2WDE010 E3DLD1MW  
Description: 3in Adjustable Dim to Warm LED luminaire with, R35 optic, 3000K CCT AND, 90CRI ,  
E3DLD1MW TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 871.0 lumens  
Efficiency: N/A  
Efficacy: 43.3 lumens/watt  
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 20.1  
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: P1287165  
CATALOG NUMBER: P3AS13R359030D2WDE010 E3DLD1MW

### Luminous Intensity Polar Plot





TEST NUMBER: P1287165  
 CATALOG NUMBER: P3AS13R359030D2WDE010 E3DLD1MW

**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			
1	112	109	106	104	110	107	104	102	103	101	99	99	98	96	96	94	93	91			
2	106	100	96	92	104	98	94	91	95	92	89	92	89	87	89	87	85	83			
3	100	92	87	82	98	91	86	81	88	84	80	86	82	79	83	80	78	76			
4	94	85	79	74	92	84	78	74	82	77	73	80	75	72	78	74	71	69			
5	89	79	73	68	87	78	72	67	76	71	67	75	70	66	73	69	66	64			
6	84	74	67	62	82	73	67	62	71	66	61	70	65	61	68	64	61	59			
7	79	69	62	57	78	68	62	57	67	61	57	65	60	57	64	60	56	55			
8	75	64	58	53	74	64	57	53	63	57	53	62	56	53	61	56	52	51			
9	71	60	54	50	70	60	54	50	59	53	49	58	53	49	57	52	49	48			
10	67	57	51	46	66	56	50	46	56	50	46	55	50	46	54	49	46	44			

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

	0°
0°	198953
5°	194739
10°	182384
15°	163701
20°	142416
25°	121362
30°	101661
35°	80950
40°	58538
45°	37058
50°	20195
55°	13992
60°	13201
65°	12297
70°	11733
75°	9997
80°	9471
85°	8051

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 37058 cd/sqm



TEST NUMBER: P1287165

CATALOG NUMBER: P3AS13R359030D2WDE010 E3DLD1MW

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	82.3	9.5
10°-20°	200.7	23.0
20°-30°	230.0	26.4
30°-40°	187.7	21.5
40°-50°	94.6	10.9
50°-60°	35.2	4.0
60°-70°	23.6	2.7
70°-80°	13.0	1.5
80°-90°	4.0	0.5
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°	513.0	58.9
0°-40°	700.7	80.4
0°-60°	830.5	95.3
0°-90°	871.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	871.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	907	
5°	885	82
15°	721	201
25°	502	230
35°	302	188
45°	120	95
55°	37	35
65°	24	24
75°	12	13
85°	3	4
90°	0	



TEST NUMBER: P1287165  
CATALOG NUMBER: P3AS13R359030D2WDE010 E3DLD1MW

**CANDELA DISTRIBUTION (FULL):**

0°	
0°	907.3
1°	906.3
2°	904.1
3°	899.8
4°	893.3
5°	884.7
6°	874.0
7°	863.2
8°	849.2
9°	835.2
10°	819.1
11°	801.9
12°	783.6
13°	763.1
14°	741.6
15°	721.1
17.5°	666.2
20°	610.3
22.5°	553.2
25°	501.6
27.5°	451.0
30°	401.5
32.5°	352.0
35°	302.4
37.5°	252.9
40°	204.5
42.5°	159.3
45°	119.5
47.5°	86.1
50°	59.2
52.5°	43.1
55°	36.6
57.5°	33.4
60°	30.1
62.5°	26.9
65°	23.7
67.5°	20.5
70°	18.3
72.5°	15.1
75°	11.8
77.5°	9.7
80°	7.5
82.5°	5.4
85°	3.2
87.5°	2.2



TEST NUMBER: P1287165  
CATALOG NUMBER: P3AS13R359030D2WDE010 E3DLD1MW

CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)