

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: P1284997

Luminaire Tested: P3AS13R35B2750DE010 E3DLP1WMH\_2700K

Issue Date: 1/30/2026

**Test Information**

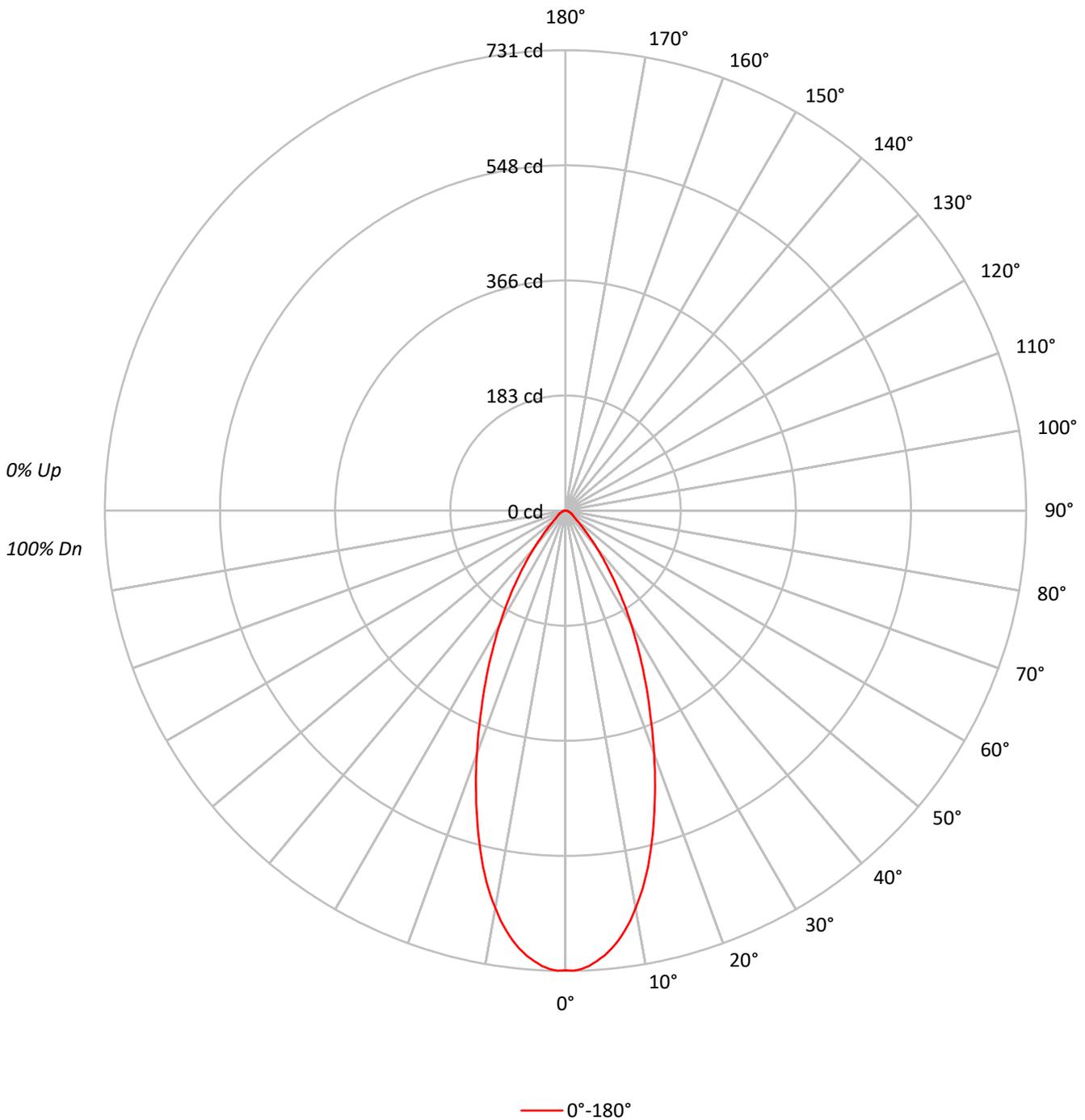
Test Method: LM-79-2019  
Report Number: P1284997  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-17)  
Test Lab: INNOVATION CENTER  
Issue Date: 1/30/2026  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: IRiS  
Catalog Number: P3AS13R35B2750DE010 E3DLP1WMH\_2700K  
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R35 optic, 2700K CCT AND, 90CRI , E3DLP1WMH TRIM  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 498.0 lumens  
Efficiency: N/A  
Efficacy: 26.1 lumens/watt  
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.72  
Luminous Opening: Circular (Dia: 0.25' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 19.1  
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: P1284997  
CATALOG NUMBER: P3AS13R35B2750DE010 E3DLP1WMH\_2700K

### Luminous Intensity Polar Plot





TEST NUMBER: P1284997

CATALOG NUMBER: P3AS13R35B2750DE010 E3DLP1WMH\_2700K

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

RF	20				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				100
1	113	110	108	105	111	108	106	104	104	102	100	100	99	97	97	96	95	93				93
2	107	102	98	94	105	100	97	93	97	94	91	94	92	89	91	89	87	86				86
3	102	95	90	86	100	94	89	85	91	87	84	89	85	82	86	84	81	80				80
4	97	89	83	79	95	88	82	78	86	81	77	84	80	77	82	78	76	74				74
5	92	83	77	73	90	82	77	73	81	76	72	79	75	71	77	74	71	69				69
6	87	78	72	68	86	77	72	68	76	71	67	75	70	67	73	69	66	65				65
7	83	74	68	63	82	73	67	63	72	67	63	71	66	63	69	65	62	61				61
8	79	70	64	60	78	69	63	59	68	63	59	67	62	59	66	62	59	57				57
9	76	66	60	56	75	66	60	56	65	59	56	64	59	56	63	59	56	54				54
10	72	63	57	53	71	62	57	53	61	56	53	61	56	53	60	56	53	51				51

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

	0°
0°	160075
5°	156130
10°	142727
15°	121158
20°	95908
25°	72536
30°	52818
35°	35710
40°	21955
45°	12590
50°	7573
55°	6155
60°	5394
65°	4774
70°	3911
75°	3897
80°	3915
85°	3774

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 0°  
 Vertical Angle: 45°  
 Luminance: 12590 cd/sqm



TEST NUMBER: P1284997

CATALOG NUMBER: P3AS13R35B2750DE010 E3DLP1WMH\_2700K

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	65.5	13.2
10°-20°	147.1	29.5
20°-30°	137.6	27.6
30°-40°	84.2	16.9
40°-50°	33.2	6.7
50°-60°	14.6	2.9
60°-70°	9.1	1.8
70°-80°	4.9	1.0
80°-90°	1.7	0.3
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°	350.3	70.3
0°-40°	434.6	87.3
0°-60°	482.4	96.9
0°-90°	498.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	498.0	100.0

**CANDELA DISTRIBUTION:**

	0°	Flux
0°	730	
5°	709	66
15°	534	147
25°	300	138
35°	133	84
45°	41	33
55°	16	15
65°	9	9
75°	5	5
85°	2	2
90°	0	



TEST NUMBER: P1284997

CATALOG NUMBER: P3AS13R35B2750DE010 E3DLP1WMH\_2700K

**CANDELA DISTRIBUTION (FULL):**

0°	
0°	730.0
1°	730.7
2°	728.4
3°	723.8
4°	716.9
5°	709.3
6°	699.3
7°	687.8
8°	674.0
9°	658.7
10°	641.0
11°	622.6
12°	602.7
13°	581.2
14°	557.5
15°	533.7
17.5°	472.3
20°	411.0
22.5°	352.0
25°	299.8
27.5°	251.5
30°	208.6
32.5°	168.7
35°	133.4
37.5°	102.0
40°	76.7
42.5°	55.2
45°	40.6
47.5°	29.1
50°	22.2
52.5°	18.4
55°	16.1
57.5°	13.8
60°	12.3
62.5°	10.7
65°	9.2
67.5°	7.7
70°	6.1
72.5°	5.4
75°	4.6
77.5°	3.8
80°	3.1
82.5°	2.3
85°	1.5
87.5°	0.8



TEST NUMBER: P1284997

CATALOG NUMBER: P3AS13R35B2750DE010 E3DLP1WMH\_2700K

CANDELA DISTRIBUTION (continued):

0°  
90° | 0.0

(END OF REPORT)