

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: P1284956

Luminaire Tested: P3AS13R35B2750DE010 E3DLD1LI_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1284956
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: P3AS13R35B2750DE010 E3DLD1LI_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R35 optic, 5000K CCT AND, 80CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

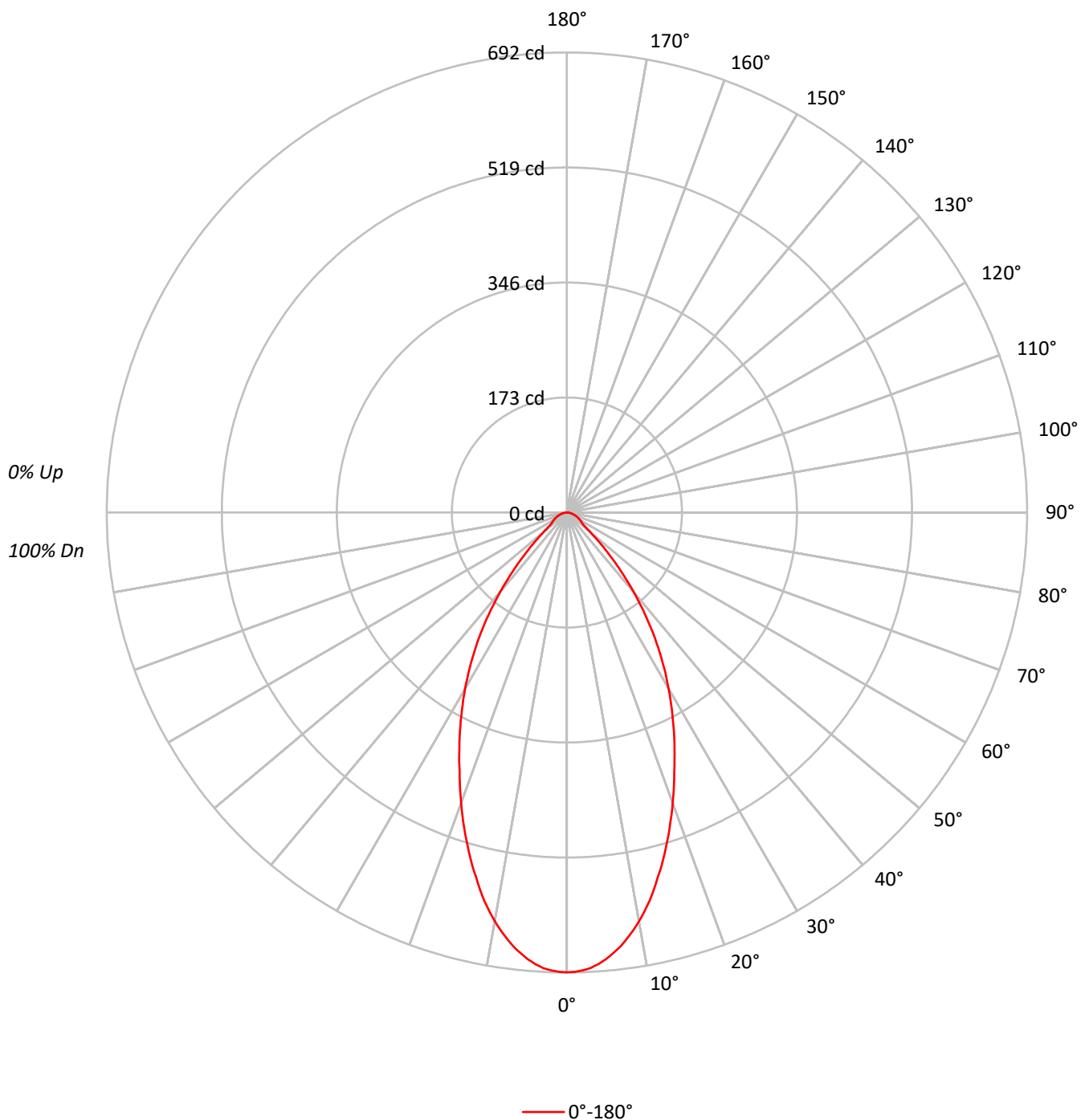
Lumens per Lamp: N/A
Luminaire Lumens: 664.0 lumens
Efficiency: N/A
Efficacy: 34.8 lumens/watt
Spacing Criteria (0/90/45): 0.8 / 0.8 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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: P1284956

CATALOG NUMBER: P3AS13R35B2750DE010 E3DLD1LI_5000K

Luminous Intensity Polar Plot



TEST NUMBER: P1284956

CATALOG NUMBER: P3AS13R35B2750DE010 E3DLD1LI_5000K

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					0
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	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	45		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	151676
5°	148470
10°	139031
15°	124813
20°	108556
25°	92521
30°	77506
35°	61730
40°	44626
45°	28251
50°	15385
55°	10666
60°	10087
65°	9391
70°	8912
75°	7625
80°	7198
85°	6290

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 28251 cd/sqm

TEST NUMBER: P1284956

CATALOG NUMBER: P3AS13R35B2750DE010 E3DLD1LI_5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	62.8	9.5
10°-20°	153.0	23.0
20°-30°	175.3	26.4
30°-40°	143.1	21.5
40°-50°	72.1	10.9
50°-60°	26.8	4.0
60°-70°	18.0	2.7
70°-80°	9.9	1.5
80°-90°	3.0	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°	391.1	58.9
0°-40°	534.2	80.4
0°-60°	633.1	95.3
0°-90°	664.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	664.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	692	
5°	674	63
15°	550	153
25°	382	175
35°	231	143
45°	91	72
55°	28	27
65°	18	18
75°	9	10
85°	2	3
90°	0	

TEST NUMBER: P1284956

CATALOG NUMBER: P3AS13R35B2750DE010 E3DLD1LI_5000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	691.7
1°	690.9
2°	689.2
3°	686.0
4°	681.0
5°	674.5
6°	666.3
7°	658.1
8°	647.4
9°	636.7
10°	624.4
11°	611.3
12°	597.3
13°	581.8
14°	565.3
15°	549.8
17.5°	507.9
20°	465.2
22.5°	421.8
25°	382.4
27.5°	343.8
30°	306.1
32.5°	268.3
35°	230.6
37.5°	192.8
40°	155.9
42.5°	121.4
45°	91.1
47.5°	65.6
50°	45.1
52.5°	32.8
55°	27.9
57.5°	25.4
60°	23.0
62.5°	20.5
65°	18.1
67.5°	15.6
70°	13.9
72.5°	11.5
75°	9.0
77.5°	7.4
80°	5.7
82.5°	4.1
85°	2.5
87.5°	1.6



TEST NUMBER: P1284956

CATALOG NUMBER: P3AS13R35B2750DE010 E3DLD1LI_5000K

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)