

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: P1285375

Luminaire Tested: P3AS13R50B2750DE010 E3DLD1GPH_4000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1285375
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-30)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R50B2750DE010 E3DLD1GPH_4000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R50 optic, 4000K CCT AND, 80CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

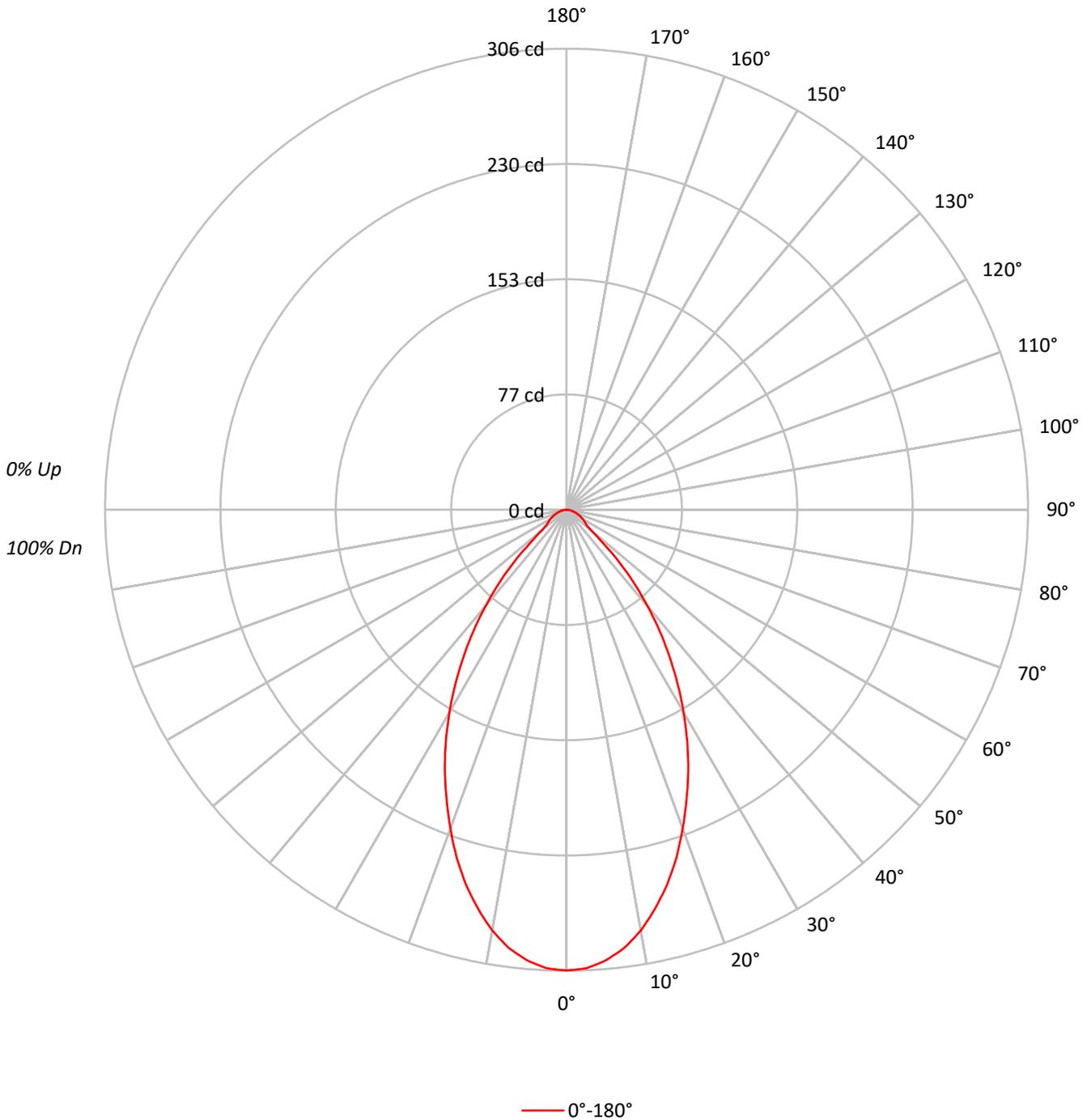
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 330.1 lumens
Efficiency: N/A
Efficacy: 17.3 lumens/watt
Spacing Criteria (0/90/45): 0.88 / 0.88 / 0.93
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 19.1
Input Voltage (V): NR
Input Current (A_{in}): 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: P1285375
CATALOG NUMBER: P3AS13R50B2750DE010 E3DLD1GPH_4000K

Luminous Intensity Polar Plot





TEST NUMBER: P1285375
 CATALOG NUMBER: P3AS13R50B2750DE010 E3DLD1GPH_4000K

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
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	112	109	106	103	110	107	104	102	103	101	99	99	97	96	95	94	93	91		
2	106	100	95	91	103	98	94	90	95	91	88	92	89	86	89	86	84	83		
3	99	92	86	81	97	90	85	81	88	83	79	85	81	78	83	80	77	75		
4	93	85	78	73	91	83	77	73	81	76	72	79	75	71	77	73	70	69		
5	88	78	72	67	86	77	71	66	75	70	66	74	69	65	72	68	64	63		
6	83	73	66	61	81	72	65	61	70	65	60	69	64	60	67	63	59	58		
7	78	68	61	56	77	67	61	56	66	60	56	64	59	55	63	59	55	53		
8	74	63	57	52	73	63	56	52	61	56	52	60	55	51	59	55	51	50		
9	70	59	53	48	69	59	52	48	58	52	48	57	52	48	56	51	48	46		
10	66	56	49	45	65	55	49	45	54	49	45	54	48	45	53	48	45	43		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	67056
5°	66080
10°	63147
15°	58479
20°	52551
25°	46212
30°	39297
35°	31855
40°	23931
45°	15412
50°	7335
55°	5773
60°	5438
65°	5085
70°	4616
75°	4151
80°	3788
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 15412 cd/sqm



TEST NUMBER: P1285375

CATALOG NUMBER: P3AS13R50B2750DE010 E3DLD1GPH_4000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	28.1	8.5
10°-20°	71.8	21.8
20°-30°	87.3	26.4
30°-40°	74.0	22.4
40°-50°	38.4	11.6
50°-60°	13.9	4.2
60°-70°	9.6	2.9
70°-80°	5.2	1.6
80°-90°	1.7	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°	187.2	56.7
0°-40°	261.2	79.2
0°-60°	313.6	95.0
0°-90°	330.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	330.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	306	
5°	300	28
15°	258	72
25°	191	87
35°	119	74
45°	50	38
55°	15	14
65°	10	10
75°	5	5
85°	2	2
90°	0	



TEST NUMBER: P1285375
CATALOG NUMBER: P3AS13R50B2750DE010 E3DLD1GPH_4000K

CANDELA DISTRIBUTION (FULL):

	0°
0°	305.8
2.5°	304.7
5°	300.2
7.5°	293.4
10°	283.6
12.5°	271.2
15°	257.6
17.5°	242.2
20°	225.2
22.5°	207.9
25°	191.0
27.5°	173.3
30°	155.2
32.5°	137.1
35°	119.0
37.5°	101.3
40°	83.6
42.5°	66.7
45°	49.7
47.5°	33.1
50°	21.5
52.5°	16.6
55°	15.1
57.5°	13.6
60°	12.4
62.5°	10.9
65°	9.8
67.5°	8.3
70°	7.2
72.5°	6.0
75°	4.9
77.5°	3.8
80°	3.0
82.5°	2.3
85°	1.5
87.5°	0.8
90°	0.0

(END OF REPORT)