

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: P1284612

Luminaire Tested: P3AS13R25B2750DE010 E3DL1GPH_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1284612
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R25B2750DE010 E3DL1GPH_2700K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R25 optic, 2700K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

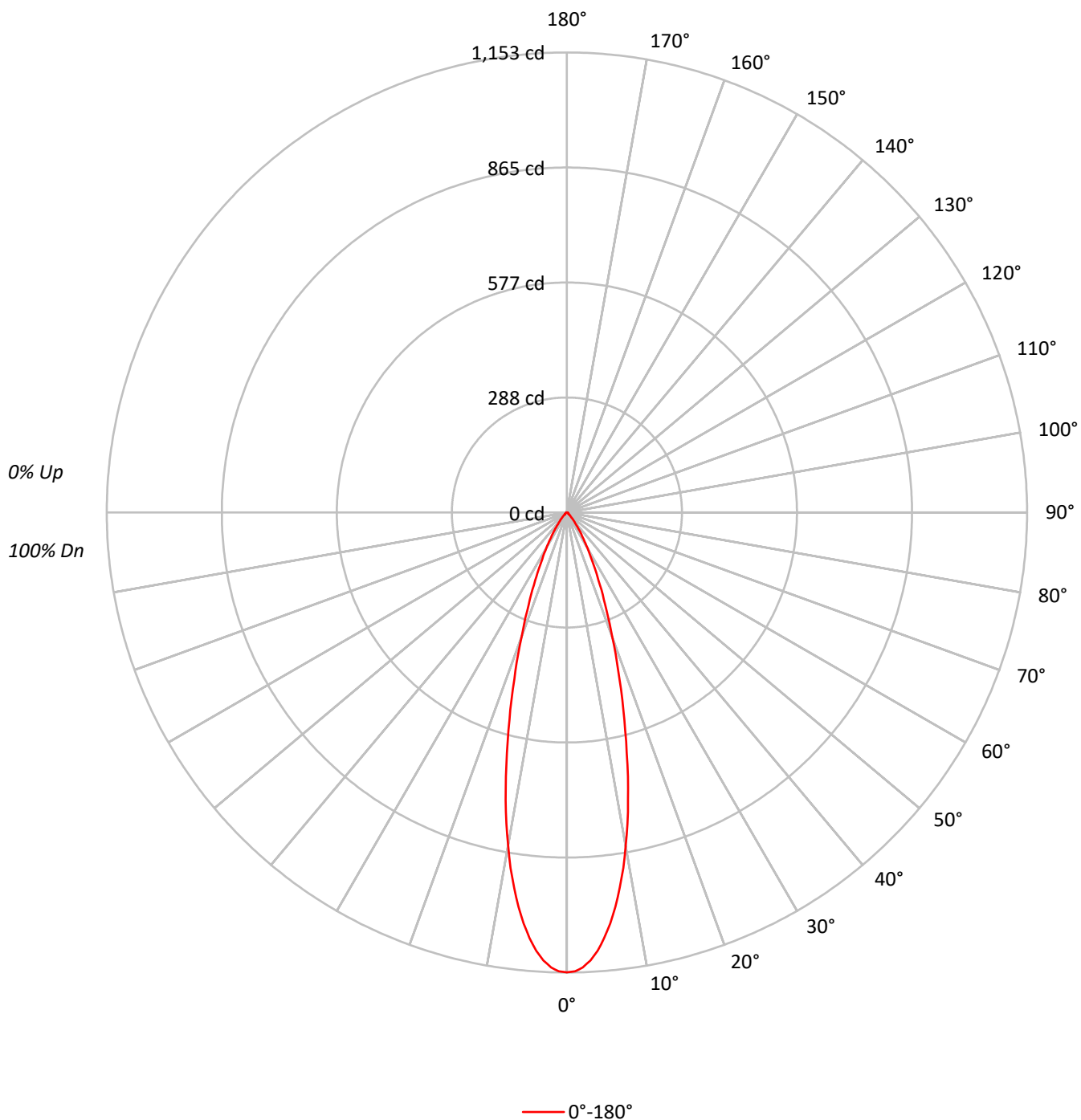
Lumens per Lamp: N/A
Luminaire Lumens: 394.0 lumens
Efficiency: N/A
Efficacy: 20.6 lumens/watt
Spacing Criteria (0/90/45): 0.49 / 0.49 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1284612

CATALOG NUMBER: P3AS13R25B2750DE010 E3DL1GPH_2700K

Luminous Intensity Polar Plot





TEST NUMBER: P1284612

CATALOG NUMBER: P3AS13R25B2750DE010 E3DL1GPH_2700K

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20			
RC	80				70				50				30				10			
RW	70	50	30	10	70	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	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95		
2	110	105	102	99	107	104	101	98	101	98	96	98	96	94	95	93	92	90		
3	105	100	96	92	103	98	95	91	96	93	90	94	91	89	91	89	87	86		
4	101	95	90	87	99	94	89	86	92	88	85	90	87	84	88	85	83	82		
5	97	90	85	82	96	89	85	81	88	84	81	86	83	80	85	82	79	78		
6	94	86	81	78	92	86	81	78	84	80	77	83	79	77	82	78	76	75		
7	90	83	78	74	89	82	77	74	81	77	74	80	76	73	79	75	73	72		
8	87	79	74	71	86	79	74	71	78	74	71	77	73	70	76	73	70	69		
9	84	76	71	68	83	76	71	68	75	71	68	74	70	68	73	70	67	66		
10	81	73	69	65	80	73	68	65	72	68	65	72	68	65	71	67	65	64		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	252743
5°	235791
10°	188885
15°	128219
20°	77590
25°	45366
30°	25827
35°	14214
40°	7557
45°	3969
50°	2320
55°	1720
60°	1491
65°	1557
70°	1475
75°	1271
80°	1010
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 3969 cd/sqm

TEST NUMBER: P1284612

CATALOG NUMBER: P3AS13R25B2750DE010 E3DL1GPH_2700K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	95.1	24.1
10°-20°	155.3	39.4
20°-30°	88.7	22.5
30°-40°	35.0	8.9
40°-50°	10.7	2.7
50°-60°	4.2	1.1
60°-70°	2.8	0.7
70°-80°	1.6	0.4
80°-90°	0.5	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°	339.1	86.0
0°-40°	374.1	94.9
0°-60°	389.1	98.7
0°-90°	394.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	394.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1153	
5°	1071	95
15°	565	155
25°	188	89
35°	53	35
45°	13	11
55°	4	4
65°	3	3
75°	2	2
85°	0	1
90°	0	

TEST NUMBER: P1284612

CATALOG NUMBER: P3AS13R25B2750DE010 E3DL1GPH_2700K

CANDELA DISTRIBUTION (FULL):

0°	
0°	1152.6
1°	1150.3
2°	1140.9
3°	1124.3
4°	1101.4
5°	1071.2
6°	1035.8
7°	995.9
8°	949.6
9°	902.2
10°	848.3
11°	795.2
12°	736.9
13°	679.3
14°	620.2
15°	564.8
17.5°	437.9
20°	332.5
22.5°	249.6
25°	187.5
27.5°	138.9
30°	102.0
32.5°	73.8
35°	53.1
37.5°	37.7
40°	26.4
42.5°	18.1
45°	12.8
47.5°	9.0
50°	6.8
52.5°	5.3
55°	4.5
57.5°	4.1
60°	3.4
62.5°	3.0
65°	3.0
67.5°	2.6
70°	2.3
72.5°	1.9
75°	1.5
77.5°	1.1
80°	0.8
82.5°	0.8
85°	0.4
87.5°	0.4



TEST NUMBER: P1284612

CATALOG NUMBER: P3AS13R25B2750DE010 E3DL1GPH_2700K

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)