

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: P1285228

Luminaire Tested: P3AS13R45B2750DE010 E3DLD1GPH_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1285228
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-26)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R45B2750DE010 E3DLD1GPH_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R45 optic, 3000K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

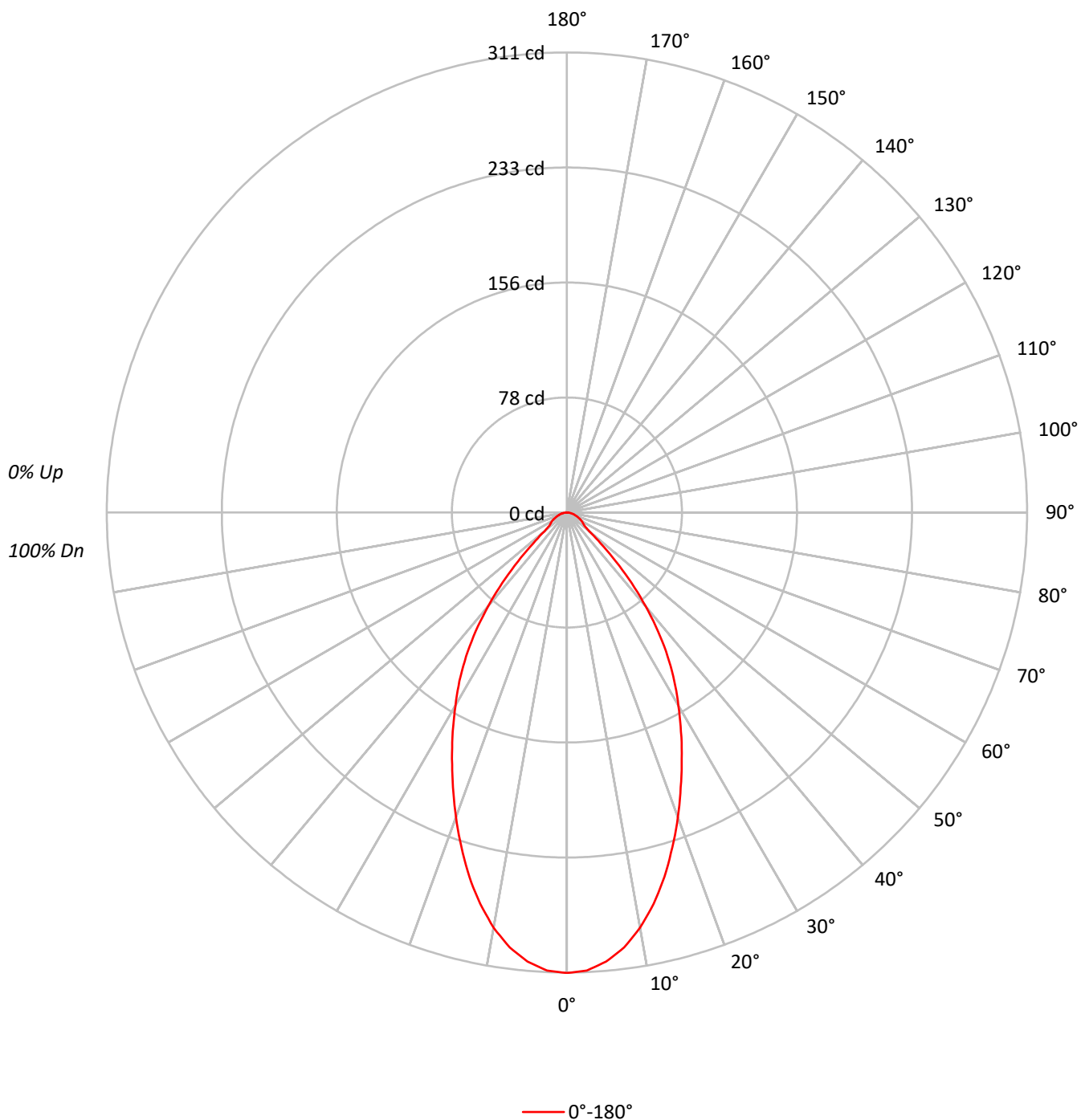
Lumens per Lamp: N/A
Luminaire Lumens: 322.0 lumens
Efficiency: N/A
Efficacy: 16.9 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.92
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1285228

CATALOG NUMBER: P3AS13R45B2750DE010 E3DLD1GPH_3000K

Luminous Intensity Polar Plot



TEST NUMBER: P1285228

CATALOG NUMBER: P3AS13R45B2750DE010 E3DLD1GPH_3000K

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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	112	109	106	104	110	107	104	102	103	101	99		99	97	96		96
2	106	100	95	91	103	98	94	90	95	91	88		92	89	86		89
3	99	92	86	82	97	90	85	81	88	83	80		85	81	78		83
4	94	85	78	74	92	84	78	73	81	76	72		79	75	71		77
5	88	79	72	67	86	78	71	67	76	70	66		74	69	65		72
6	83	73	66	61	81	72	66	61	71	65	61		69	64	60		68
7	78	68	61	57	77	67	61	56	66	60	56		65	60	56		64
8	74	64	57	52	73	63	57	52	62	56	52		61	56	52		60
9	70	60	53	49	69	59	53	49	58	52	48		57	52	48		56
10	67	56	50	45	66	56	49	45	55	49	45		54	49	45		53

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	68262
5°	67070
10°	63459
15°	57866
20°	51174
25°	44446
30°	38158
35°	31775
40°	23702
45°	14513
50°	6720
55°	5238
60°	5043
65°	4618
70°	4296
75°	4067
80°	3788
85°	2768

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 14513 cd/sqm

TEST NUMBER: P1285228

CATALOG NUMBER: P3AS13R45B2750DE010 E3DLD1GPH_3000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	28.5	8.8
10°-20°	71.0	22.0
20°-30°	84.3	26.2
30°-40°	73.3	22.8
40°-50°	36.8	11.4
50°-60°	12.7	4.0
60°-70°	9.0	2.8
70°-80°	5.0	1.6
80°-90°	1.5	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°	183.8	57.1
0°-40°	257.0	79.8
0°-60°	306.6	95.2
0°-90°	322.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	322.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	311	
5°	305	28
15°	255	71
25°	184	84
35°	119	73
45°	47	37
55°	14	13
65°	9	9
75°	5	5
85°	1	1
90°	0	

TEST NUMBER: P1285228

CATALOG NUMBER: P3AS13R45B2750DE010 E3DLD1GPH_3000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	311.3
2.5°	309.9
5°	304.7
7.5°	296.5
10°	285.0
12.5°	270.9
15°	254.9
17.5°	237.1
20°	219.3
22.5°	201.1
25°	183.7
27.5°	167.0
30°	150.7
32.5°	135.1
35°	118.7
37.5°	101.3
40°	82.8
42.5°	64.6
45°	46.8
47.5°	30.8
50°	19.7
52.5°	15.2
55°	13.7
57.5°	12.6
60°	11.5
62.5°	10.4
65°	8.9
67.5°	7.8
70°	6.7
72.5°	5.6
75°	4.8
77.5°	3.7
80°	3.0
82.5°	2.2
85°	1.1
87.5°	0.7
90°	0.0

(END OF REPORT)