

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: P1285231

Luminaire Tested: P3AS13R45B2750DE010 E3DLD1GPH_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1285231
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_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R45 optic, 5000K CCT AND, 80CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

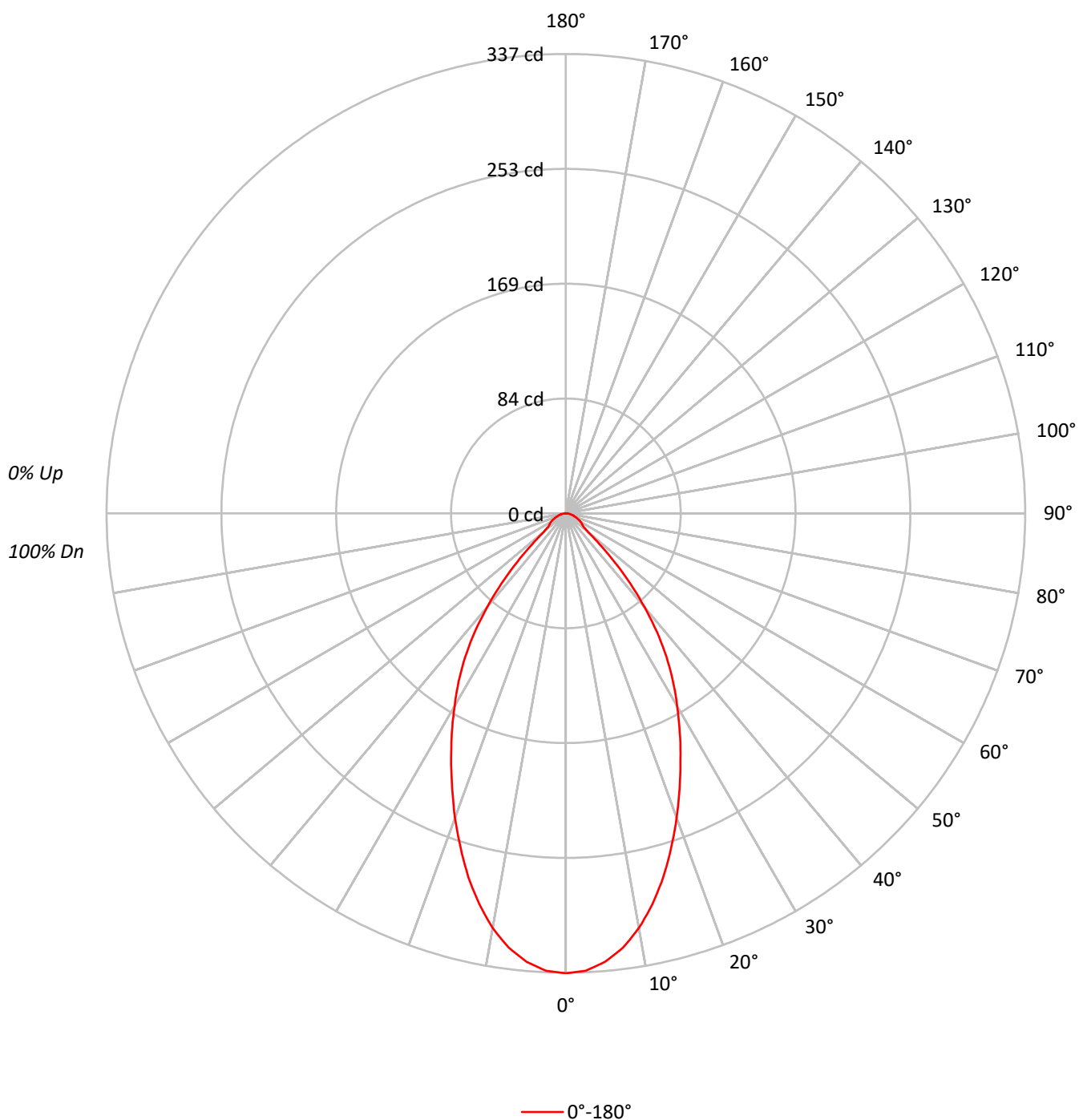
Lumens per Lamp: N/A
Luminaire Lumens: 349.0 lumens
Efficiency: N/A
Efficacy: 18.3 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.92
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1285231

CATALOG NUMBER: P3AS13R45B2750DE010 E3DLD1GPH_5000K

Luminous Intensity Polar Plot



TEST NUMBER: P1285231

CATALOG NUMBER: P3AS13R45B2750DE010 E3DLD1GPH_5000K

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°	73985
5°	72683
10°	68781
15°	62725
20°	55468
25°	48172
30°	41348
35°	34452
40°	25677
45°	15723
50°	7266
55°	5696
60°	5482
65°	5033
70°	4616
75°	4406
80°	4041
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 15723 cd/sqm

TEST NUMBER: P1285231

CATALOG NUMBER: P3AS13R45B2750DE010 E3DLD1GPH_5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	30.8	8.8
10°-20°	76.9	22.0
20°-30°	91.4	26.2
30°-40°	79.4	22.8
40°-50°	39.8	11.4
50°-60°	13.8	4.0
60°-70°	9.7	2.8
70°-80°	5.4	1.5
80°-90°	1.6	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°	199.2	57.1
0°-40°	278.6	79.8
0°-60°	332.3	95.2
0°-90°	349.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	349.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	337	
5°	330	31
15°	276	77
25°	199	91
35°	129	79
45°	51	40
55°	15	14
65°	10	10
75°	5	5
85°	1	2
90°	0	

TEST NUMBER: P1285231

CATALOG NUMBER: P3AS13R45B2750DE010 E3DLD1GPH_5000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	337.4
2.5°	335.8
5°	330.2
7.5°	321.4
10°	308.9
12.5°	293.6
15°	276.3
17.5°	257.0
20°	237.7
22.5°	218.0
25°	199.1
27.5°	181.0
30°	163.3
32.5°	146.4
35°	128.7
37.5°	109.8
40°	89.7
42.5°	70.0
45°	50.7
47.5°	33.4
50°	21.3
52.5°	16.5
55°	14.9
57.5°	13.7
60°	12.5
62.5°	11.3
65°	9.7
67.5°	8.4
70°	7.2
72.5°	6.0
75°	5.2
77.5°	4.0
80°	3.2
82.5°	2.4
85°	1.2
87.5°	0.8
90°	0.0

(END OF REPORT)