

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: P1285245

Luminaire Tested: P3AS13R45B2750DE010 E3DLD1MW_4000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1285245
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 E3DLD1MW_4000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R45 optic, 4000K CCT AND, 80CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

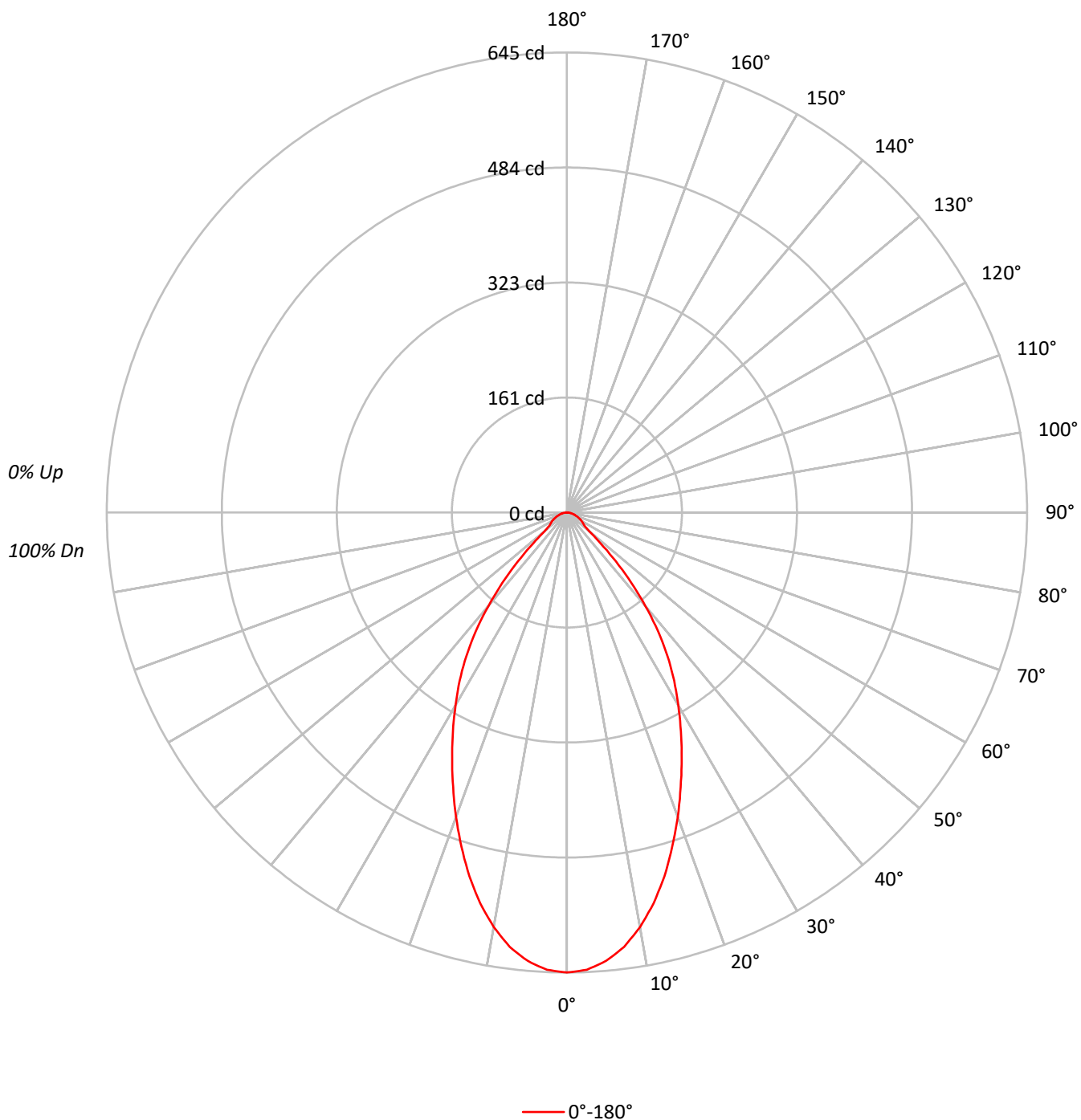
Lumens per Lamp: N/A
Luminaire Lumens: 666.9 lumens
Efficiency: N/A
Efficacy: 34.9 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.92
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1285245

CATALOG NUMBER: P3AS13R45B2750DE010 E3DLD1MW_4000K

Luminous Intensity Polar Plot



TEST NUMBER: P1285245

CATALOG NUMBER: P3AS13R45B2750DE010 E3DLD1MW_4000K

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	91	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°	141414
5°	138917
10°	131438
15°	119887
20°	106013
25°	92062
30°	79025
35°	65852
40°	49063
45°	30050
50°	13884
55°	10857
60°	10438
65°	9547
70°	8848
75°	8472
80°	7703
85°	5787

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 30050 cd/sqm

TEST NUMBER: P1285245

CATALOG NUMBER: P3AS13R45B2750DE010 E3DLD1MW_4000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	59.0	8.8
10°-20°	147.0	22.0
20°-30°	174.7	26.2
30°-40°	151.8	22.8
40°-50°	76.1	11.4
50°-60°	26.4	4.0
60°-70°	18.5	2.8
70°-80°	10.3	1.5
80°-90°	3.1	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°	380.7	57.1
0°-40°	532.4	79.8
0°-60°	635.0	95.2
0°-90°	666.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	666.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	645	
5°	631	59
15°	528	147
25°	380	175
35°	246	152
45°	97	76
55°	28	26
65°	18	18
75°	10	10
85°	2	3
90°	0	

TEST NUMBER: P1285245

CATALOG NUMBER: P3AS13R45B2750DE010 E3DLD1MW_4000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	644.9
2.5°	641.8
5°	631.1
7.5°	614.2
10°	590.3
12.5°	561.1
15°	528.1
17.5°	491.2
20°	454.3
22.5°	416.6
25°	380.5
27.5°	345.9
30°	312.1
32.5°	279.8
35°	246.0
37.5°	209.8
40°	171.4
42.5°	133.8
45°	96.9
47.5°	63.8
50°	40.7
52.5°	31.5
55°	28.4
57.5°	26.1
60°	23.8
62.5°	21.5
65°	18.4
67.5°	16.1
70°	13.8
72.5°	11.5
75°	10.0
77.5°	7.7
80°	6.1
82.5°	4.6
85°	2.3
87.5°	1.5
90°	0.0

(END OF REPORT)