

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: P1285246

Luminaire Tested: P3AS13R45B2750DE010 E3DLD1MW_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1285246
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_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R45 optic, 5000K CCT AND, 80CRI , E3DLD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

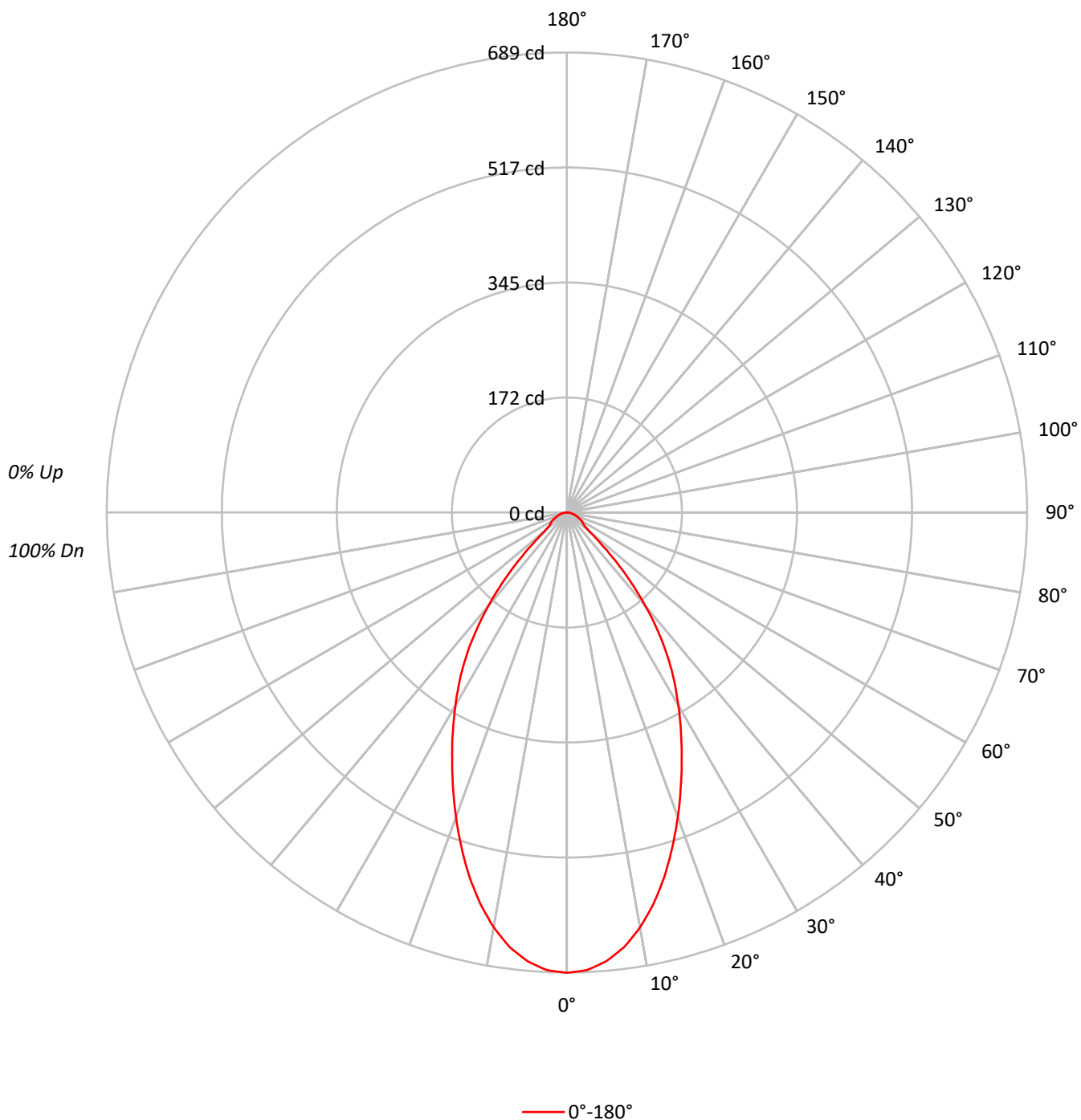
Lumens per Lamp: N/A
Luminaire Lumens: 713.0 lumens
Efficiency: N/A
Efficacy: 37.3 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.92
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					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	104	110	107	104	102	103	101	99	99	97	96	96	94	93	91		
2	106	100	95	91	103	98	94	90	95	91	88	92	89	86	89	87	85	83		
3	99	92	86	82	97	90	85	81	88	83	80	85	81	78	83	80	77	75		
4	94	85	78	74	92	84	78	73	81	76	72	79	75	71	77	74	71	69		
5	88	79	72	67	86	78	71	67	76	70	66	74	69	65	72	68	65	63		
6	83	73	66	61	81	72	66	61	71	65	61	69	64	60	68	63	60	58		
7	78	68	61	57	77	67	61	56	66	60	56	65	60	56	64	59	55	54		
8	74	64	57	52	73	63	57	52	62	56	52	61	56	52	60	55	52	50		
9	70	60	53	49	69	59	53	49	58	52	48	57	52	48	56	52	48	47		
10	67	56	50	45	66	56	49	45	55	49	45	54	49	45	53	48	45	44		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	151172
5°	148492
10°	140523
15°	128151
20°	113317
25°	98401
30°	84469
35°	70376
40°	52441
45°	32096
50°	14840
55°	11622
60°	11183
65°	10222
70°	9489
75°	9065
80°	8334
85°	6290

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 32096 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	63.0	8.8
10°-20°	157.2	22.0
20°-30°	186.7	26.2
30°-40°	162.2	22.8
40°-50°	81.4	11.4
50°-60°	28.2	4.0
60°-70°	19.8	2.8
70°-80°	11.0	1.5
80°-90°	3.3	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°	406.9	57.1
0°-40°	569.2	79.8
0°-60°	678.8	95.2
0°-90°	713.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	713.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	689	
5°	675	63
15°	564	157
25°	407	187
35°	263	162
45°	104	81
55°	30	28
65°	20	20
75°	11	11
85°	2	3
90°	0	



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CANDELA DISTRIBUTION (FULL):

0°	
0°	689.4
2.5°	686.1
5°	674.6
7.5°	656.5
10°	631.1
12.5°	599.8
15°	564.5
17.5°	525.1
20°	485.6
22.5°	445.4
25°	406.7
27.5°	369.8
30°	333.6
32.5°	299.1
35°	262.9
37.5°	224.3
40°	183.2
42.5°	143.0
45°	103.5
47.5°	68.2
50°	43.5
52.5°	33.7
55°	30.4
57.5°	27.9
60°	25.5
62.5°	23.0
65°	19.7
67.5°	17.3
70°	14.8
72.5°	12.3
75°	10.7
77.5°	8.2
80°	6.6
82.5°	4.9
85°	2.5
87.5°	1.6
90°	0.0

(END OF REPORT)