

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: P1281803

Luminaire Tested: P3AS05R45B2750DE010 E3DLD1WMH_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1281803
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: P3AS05R45B2750DE010 E3DLD1WMH_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R45 optic, 3000K CCT AND, 90CRI , E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

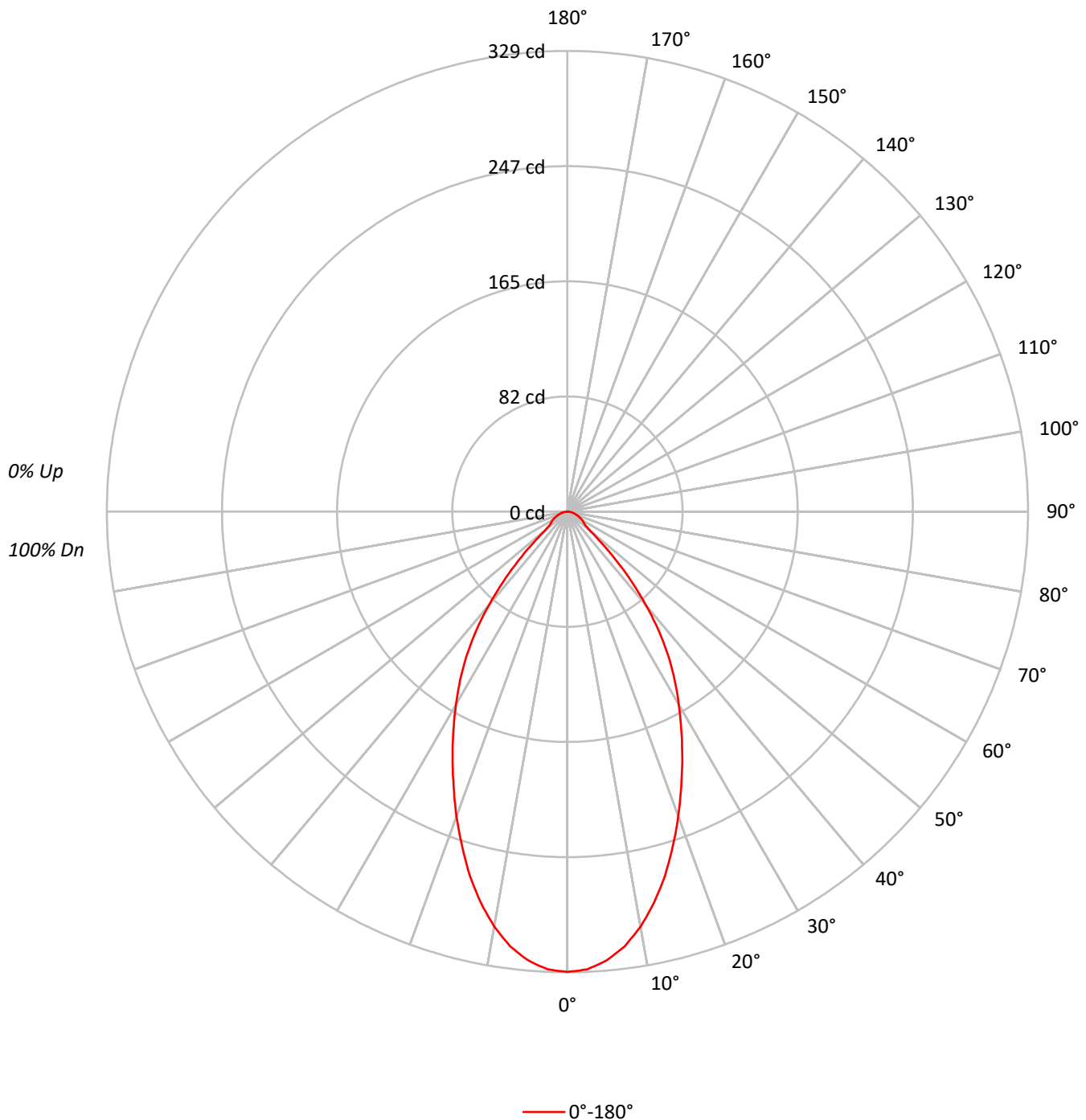
Lumens per Lamp: N/A
Luminaire Lumens: 340.1 lumens
Efficiency: N/A
Efficacy: 57.6 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.92
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 5.9
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				10			0
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	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°	72078
5°	70812
10°	66999
15°	61113
20°	54045
25°	46938
30°	40285
35°	33569
40°	25018
45°	15319
50°	7096
55°	5543
60°	5307
65°	4877
70°	4552
75°	4321
80°	3915
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 15319 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	30.1	8.8
10°-20°	74.9	22.0
20°-30°	89.1	26.2
30°-40°	77.4	22.8
40°-50°	38.8	11.4
50°-60°	13.5	4.0
60°-70°	9.4	2.8
70°-80°	5.3	1.6
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°	194.1	57.1
0°-40°	271.4	79.8
0°-60°	323.7	95.2
0°-90°	340.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	340.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	329	
5°	322	30
15°	269	75
25°	194	89
35°	125	77
45°	49	39
55°	14	13
65°	9	9
75°	5	5
85°	1	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	328.7
2.5°	327.2
5°	321.7
7.5°	313.1
10°	300.9
12.5°	286.0
15°	269.2
17.5°	250.4
20°	231.6
22.5°	212.4
25°	194.0
27.5°	176.3
30°	159.1
32.5°	142.6
35°	125.4
37.5°	107.0
40°	87.4
42.5°	68.2
45°	49.4
47.5°	32.5
50°	20.8
52.5°	16.1
55°	14.5
57.5°	13.3
60°	12.1
62.5°	11.0
65°	9.4
67.5°	8.2
70°	7.1
72.5°	5.9
75°	5.1
77.5°	3.9
80°	3.1
82.5°	2.4
85°	1.2
87.5°	0.8
90°	0.0

(END OF REPORT)