

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: P1281778

Luminaire Tested: P3AS05R45B2750DE010 E3DLD1GPH_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1281778
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 E3DLD1GPH_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R45 optic, 3000K CCT AND, 90CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

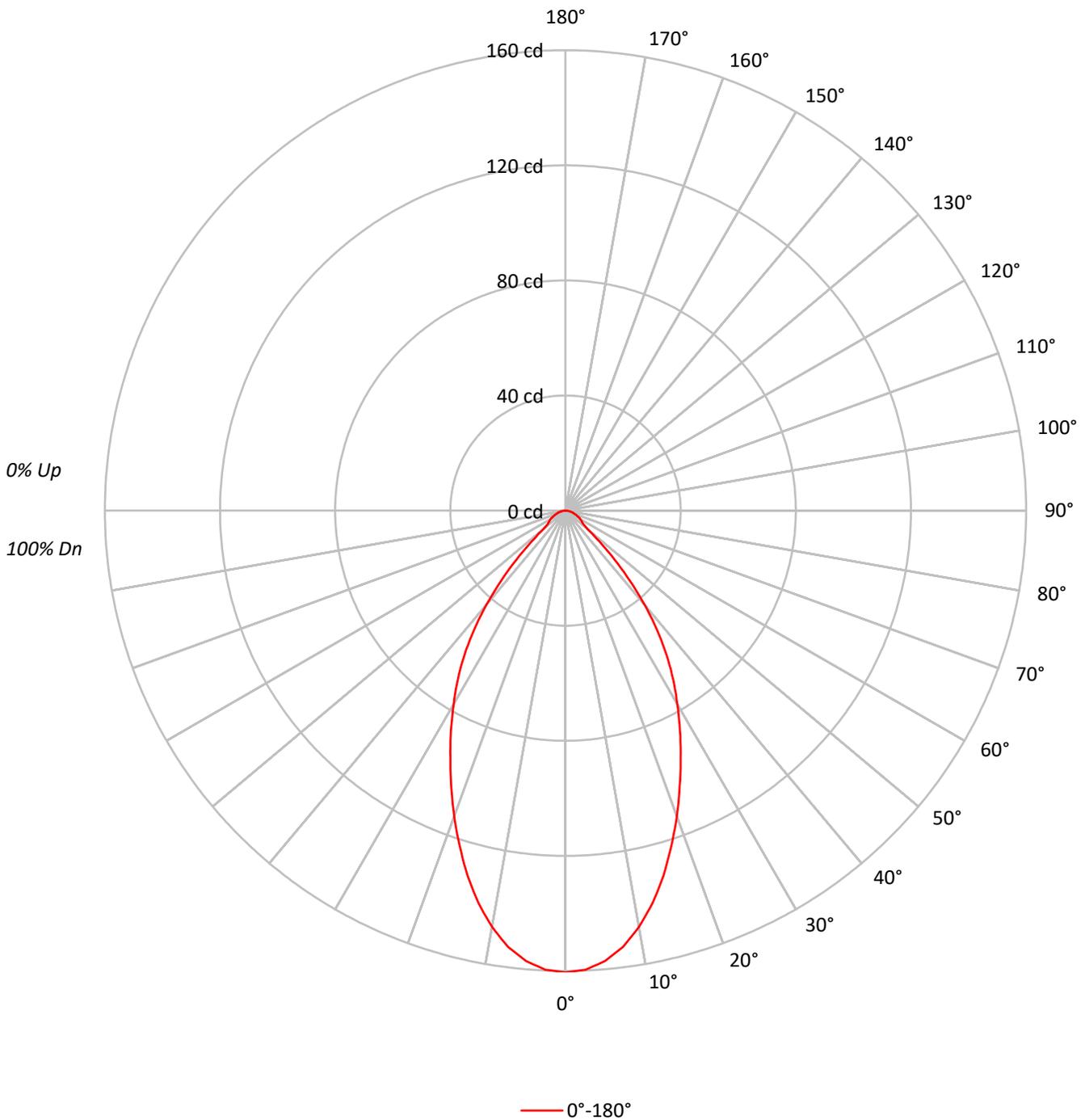
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 166.0 lumens
Efficiency: N/A
Efficacy: 28.1 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

TEST NUMBER: P1281778
CATALOG NUMBER: P3AS05R45B2750DE010 E3DLD1GPH_3000K

Luminous Intensity Polar Plot





TEST NUMBER: P1281778
 CATALOG NUMBER: P3AS05R45B2750DE010 E3DLD1GPH_3000K

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	50	30	10	0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100			100
1	112	109	106	104	110	107	104	102	103	101	99	99	97	96	96	94	93	91			91
2	106	100	95	91	103	98	94	90	95	91	88	92	89	86	89	87	85	83			83
3	99	92	86	82	97	90	85	81	88	83	80	85	81	78	83	80	77	75			75
4	94	85	78	74	92	84	78	73	81	76	72	79	75	71	77	74	71	69			69
5	88	79	72	67	86	78	71	67	76	70	66	74	69	65	72	68	65	63			63
6	83	73	66	61	81	72	66	61	71	65	61	69	64	60	68	63	60	58			58
7	78	68	61	57	77	67	61	56	66	60	56	65	60	56	64	59	55	54			54
8	74	64	57	52	73	63	57	52	62	56	52	61	56	52	60	55	52	50			50
9	70	60	53	49	69	59	53	49	58	52	48	57	52	48	56	52	48	47			47
10	67	56	50	45	66	56	49	45	55	49	45	54	49	45	53	48	45	44			44

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	35195
5°	34581
10°	32709
15°	29830
20°	26392
25°	22913
30°	19674
35°	16383
40°	12223
45°	7474
50°	3446
55°	2714
60°	2588
65°	2387
70°	2180
75°	2118
80°	1894
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 7474 cd/sqm



TEST NUMBER: P1281778

CATALOG NUMBER: P3AS05R45B2750DE010 E3DLD1GPH_3000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	14.7	8.8
10°-20°	36.6	22.0
20°-30°	43.5	26.2
30°-40°	37.8	22.8
40°-50°	18.9	11.4
50°-60°	6.6	4.0
60°-70°	4.6	2.8
70°-80°	2.6	1.5
80°-90°	0.8	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°	94.7	57.1
0°-40°	132.5	79.8
0°-60°	158.0	95.2
0°-90°	166.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	166.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	160	
5°	157	15
15°	131	37
25°	95	43
35°	61	38
45°	24	19
55°	7	7
65°	5	5
75°	2	3
85°	1	1
90°	0	



TEST NUMBER: P1281778
CATALOG NUMBER: P3AS05R45B2750DE010 E3DLD1GPH_3000K

CANDELA DISTRIBUTION (FULL):

	0°
0°	160.5
2.5°	159.7
5°	157.1
7.5°	152.9
10°	146.9
12.5°	139.7
15°	131.4
17.5°	122.2
20°	113.1
22.5°	103.7
25°	94.7
27.5°	86.1
30°	77.7
32.5°	69.6
35°	61.2
37.5°	52.2
40°	42.7
42.5°	33.3
45°	24.1
47.5°	15.9
50°	10.1
52.5°	7.8
55°	7.1
57.5°	6.5
60°	5.9
62.5°	5.4
65°	4.6
67.5°	4.0
70°	3.4
72.5°	2.9
75°	2.5
77.5°	1.9
80°	1.5
82.5°	1.1
85°	0.6
87.5°	0.4
90°	0.0

(END OF REPORT)