

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: P1282983

Luminaire Tested: P3AS09R25B2750DE010 E3PHLD1MW_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1282983
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2509-551-11)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R25B2750DE010 E3PHLD1MW_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R25 optic, 3000K CCT AND, 90CRI , E3PHLD1MW TRIM
Light Source: -
Ballast/Driver: -

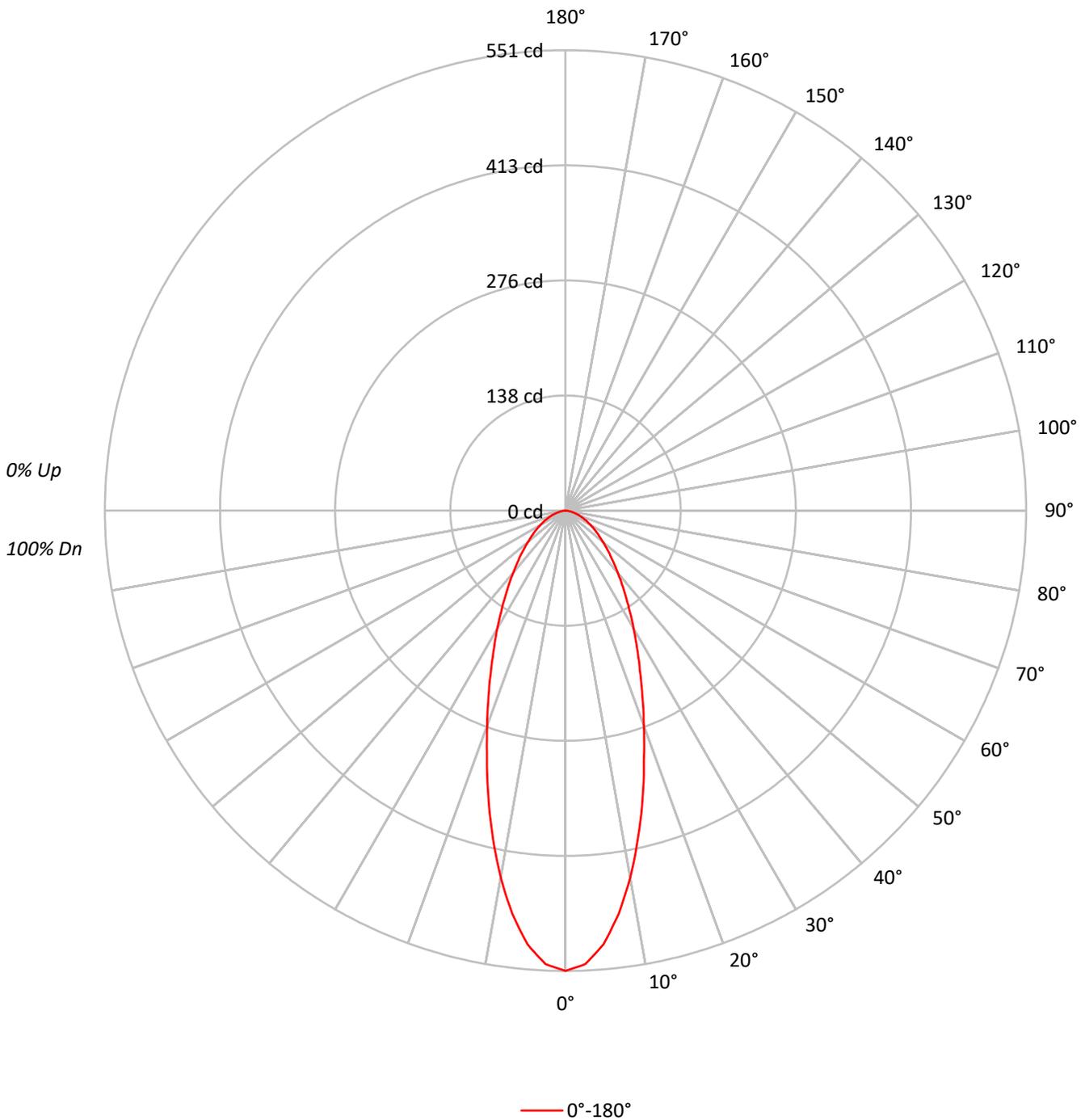
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 463.0 lumens
Efficiency: N/A
Efficacy: 35.3 lumens/watt
Spacing Criteria (0/90/45): 0.62 / 0.62 / 0.71
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 13.1
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: P1282983
CATALOG NUMBER: P3AS09R25B2750DE010 E3PHLD1MW_3000K

Luminous Intensity Polar Plot





TEST NUMBER: P1282983

CATALOG NUMBER: P3AS09R25B2750DE010 E3PHLD1MW_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	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	112	108	105	102	109	106	103	100	102	99	97	98	96	94	95	93	92	90
2	104	98	93	89	102	96	92	88	93	89	86	90	87	84	87	84	82	80
3	97	89	83	78	95	88	82	77	85	80	76	83	78	75	80	77	74	72
4	91	82	75	70	89	81	74	69	78	73	69	76	72	68	74	70	67	65
5	86	76	68	63	84	75	68	63	73	67	62	71	66	62	69	65	61	59
6	81	70	63	58	79	69	62	57	68	62	57	66	61	57	65	60	56	55
7	76	65	58	53	75	64	58	53	63	57	53	62	56	52	61	56	52	50
8	72	61	54	49	71	60	54	49	59	53	49	58	53	49	57	52	48	47
9	68	57	50	46	67	57	50	46	56	50	46	55	49	45	54	49	45	44
10	65	54	47	43	64	53	47	43	52	47	43	52	46	43	51	46	42	41

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	120802
5°	114682
10°	99330
15°	80863
20°	63892
25°	50930
30°	41297
35°	33649
40°	27881
45°	23475
50°	19888
55°	17510
60°	15350
65°	13387
70°	11733
75°	9913
80°	7324
85°	4277

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 23475 cd/sqm



TEST NUMBER: P1282983

CATALOG NUMBER: P3AS09R25B2750DE010 E3PHLD1MW_3000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	47.3	10.2
10°-20°	98.8	21.3
20°-30°	97.3	21.0
30°-40°	79.3	17.1
40°-50°	58.8	12.7
50°-60°	41.1	8.9
60°-70°	25.7	5.6
70°-80°	12.4	2.7
80°-90°	2.4	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°	243.4	52.6
0°-40°	322.7	69.7
0°-60°	422.5	91.3
0°-90°	463.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	463.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	551	
5°	521	47
15°	356	99
25°	210	97
35°	126	79
45°	76	59
55°	46	41
65°	26	26
75°	12	12
85°	2	2
90°	0	



TEST NUMBER: P1282983
CATALOG NUMBER: P3AS09R25B2750DE010 E3PHLD1MW_3000K

CANDELA DISTRIBUTION (FULL):

	0°
0°	550.9
2.5°	543.4
5°	521.0
7.5°	486.8
10°	446.1
12.5°	401.1
15°	356.2
17.5°	312.1
20°	273.8
22.5°	240.5
25°	210.5
27.5°	184.8
30°	163.1
32.5°	143.1
35°	125.7
37.5°	110.7
40°	97.4
42.5°	85.7
45°	75.7
47.5°	66.6
50°	58.3
52.5°	51.6
55°	45.8
57.5°	39.9
60°	35.0
62.5°	30.0
65°	25.8
67.5°	21.6
70°	18.3
72.5°	15.0
75°	11.7
77.5°	8.3
80°	5.8
82.5°	3.3
85°	1.7
87.5°	0.8
90°	0.0

(END OF REPORT)