

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: P1283922

Luminaire Tested: P3AS09R60B2750DE010 E3DL1MW_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1283922
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-39)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R60B2750DE010 E3DL1MW_2700K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R60 optic, 2700K CCT AND, 90CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

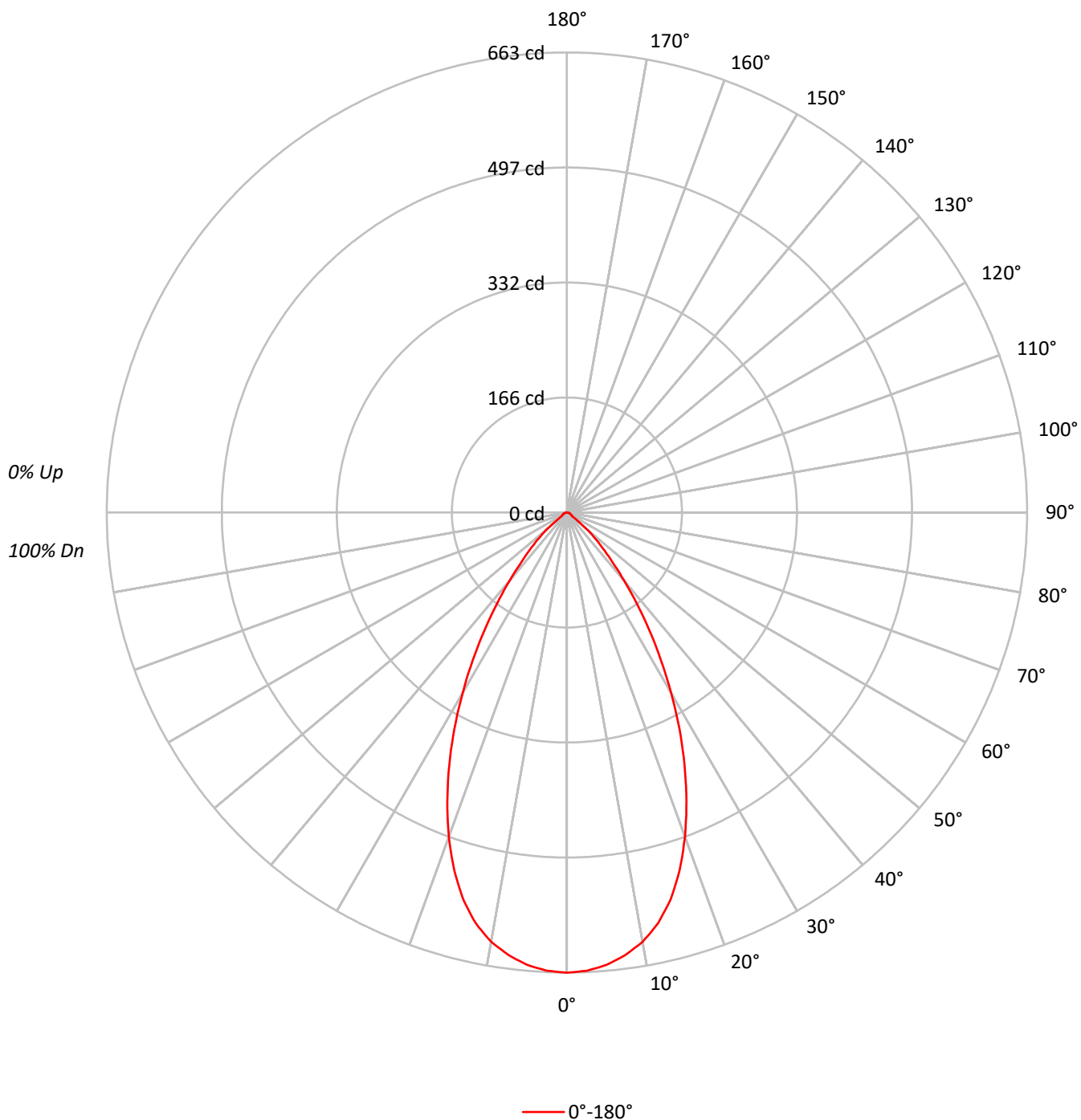
Lumens per Lamp: N/A
Luminaire Lumens: 616.0 lumens
Efficiency: N/A
Efficacy: 47.0 lumens/watt
Spacing Criteria (0/90/45): 0.87 / 0.87 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1283922

CATALOG NUMBER: P3AS09R60B2750DE010 E3DL1MW_2700K

Luminous Intensity Polar Plot



TEST NUMBER: P1283922

CATALOG NUMBER: P3AS09R60B2750DE010 E3DL1MW_2700K

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	113	110	108	105	111	108	106	103	104	102	100		100	99	97		97
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		91
3	101	95	89	85	99	93	88	84	91	86	83		88	85	82		86
4	96	88	82	78	94	87	81	77	85	80	76		83	79	75		81
5	91	82	76	71	89	81	75	71	79	74	70		78	73	70		76
6	86	77	70	66	84	76	70	66	74	69	65		73	68	65		72
7	82	72	66	61	80	71	65	61	70	65	61		69	64	60		67
8	77	68	61	57	76	67	61	57	66	60	57		65	60	56		64
9	74	64	57	53	72	63	57	53	62	57	53		61	56	53		60
10	70	60	54	50	69	60	54	50	59	53	50		58	53	50		57

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	145449
5°	144089
10°	139877
15°	131056
20°	116000
25°	97022
30°	76037
35°	55171
40°	36697
45°	22886
50°	12383
55°	3594
60°	3333
65°	3061
70°	3013
75°	2965
80°	2904
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 22886 cd/sqm

TEST NUMBER: P1283922

CATALOG NUMBER: P3AS09R60B2750DE010 E3DL1MW_2700K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	61.6	10.0
10°-20°	160.2	26.0
20°-30°	182.5	29.6
30°-40°	129.4	21.0
40°-50°	58.7	9.5
50°-60°	12.5	2.0
60°-70°	6.0	1.0
70°-80°	3.7	0.6
80°-90°	1.3	0.2
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°	404.3	65.6
0°-40°	533.8	86.7
0°-60°	605.0	98.2
0°-90°	616.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	616.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	663	
5°	655	62
15°	577	160
25°	401	183
35°	206	129
45°	74	59
55°	9	12
65°	6	6
75°	4	4
85°	1	1
90°	0	

TEST NUMBER: P1283922

CATALOG NUMBER: P3AS09R60B2750DE010 E3DL1MW_2700K

CANDELA DISTRIBUTION (FULL):

0°	
0°	663.3
2.5°	661.0
5°	654.6
7.5°	643.4
10°	628.2
12.5°	606.5
15°	577.3
17.5°	540.4
20°	497.1
22.5°	450.2
25°	401.0
27.5°	350.7
30°	300.3
32.5°	252.3
35°	206.1
37.5°	165.1
40°	128.2
42.5°	97.2
45°	73.8
47.5°	55.0
50°	36.3
52.5°	17.0
55°	9.4
57.5°	8.2
60°	7.6
62.5°	7.0
65°	5.9
67.5°	5.3
70°	4.7
72.5°	4.1
75°	3.5
77.5°	2.9
80°	2.3
82.5°	1.8
85°	1.2
87.5°	0.6
90°	0.0

(END OF REPORT)