

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: P1283861

Luminaire Tested: P3AS09R60B2750DE010 E3CB1MMS_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1283861
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-40)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R60B2750DE010 E3CB1MMS_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R60 optic, 5000K CCT AND, 80CRI , E3CB1MMS TRIM
Light Source: -
Ballast/Driver: -

Summary

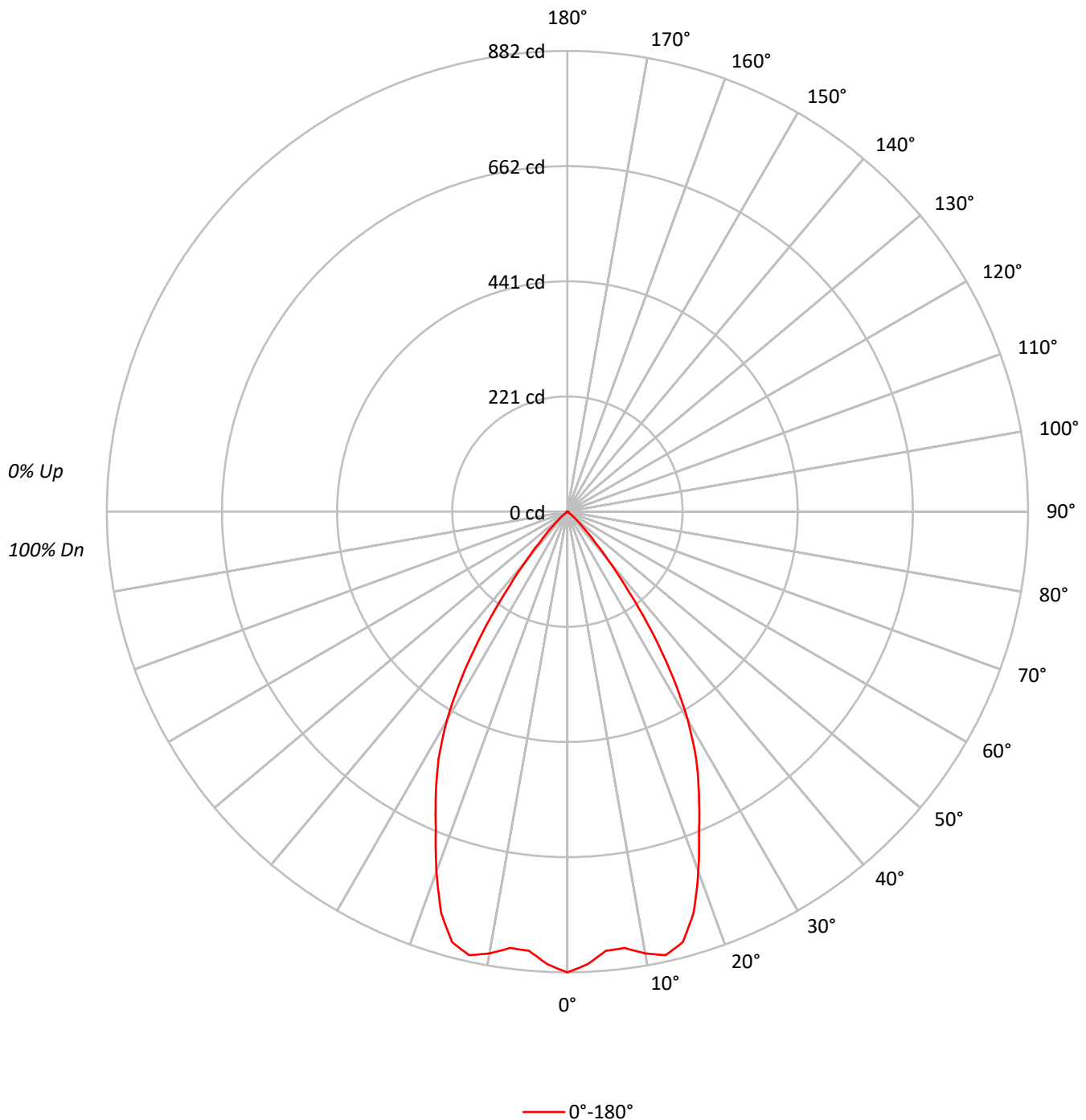
Lumens per Lamp: N/A
Luminaire Lumens: 810.0 lumens
Efficiency: N/A
Efficacy: 61.8 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 0.91
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1283861

CATALOG NUMBER: P3AS09R60B2750DE010 E3CB1MMS_5000K

Luminous Intensity Polar Plot



TEST NUMBER: P1283861

CATALOG NUMBER: P3AS09R60B2750DE010 E3CB1MMS_5000K

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	114	111	108	106	111	109	106	104	105	103	101		101	100	98		97
2	108	103	99	96	106	102	98	95	98	95	93		95	93	91		93
3	103	96	91	88	101	95	90	87	92	89	85		90	87	84		88
4	98	90	85	81	96	89	84	80	87	83	79		85	81	78		83
5	93	84	79	74	91	84	78	74	82	77	73		80	76	73		79
6	88	79	73	69	87	79	73	69	77	72	68		76	71	68		74
7	84	75	69	64	82	74	68	64	73	68	64		71	67	64		70
8	80	70	64	60	78	70	64	60	69	64	60		68	63	60		67
9	76	66	61	57	75	66	60	56	65	60	56		64	59	56		63
10	72	63	57	53	71	62	57	53	62	56	53		61	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	193427
5°	185758
10°	191246
15°	193713
20°	171048
25°	144153
30°	116904
35°	76132
40°	34980
45°	13397
50°	4503
55°	1185
60°	1096
65°	986
70°	833
75°	1101
80°	758
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 13397 cd/sqm

TEST NUMBER: P1283861

CATALOG NUMBER: P3AS09R60B2750DE010 E3CB1MMS_5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	81.2	10.0
10°-20°	233.7	28.8
20°-30°	272.5	33.6
30°-40°	175.9	21.7
40°-50°	39.4	4.9
50°-60°	3.9	0.5
60°-70°	1.9	0.2
70°-80°	1.1	0.1
80°-90°	0.4	0.1
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°	587.4	72.5
0°-40°	763.3	94.2
0°-60°	806.7	99.6
0°-90°	810.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	810.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	882	
5°	844	81
15°	853	234
25°	596	273
35°	284	176
45°	43	39
55°	3	4
65°	2	2
75°	1	1
85°	1	0
90°	0	



TEST NUMBER: P1283861

CATALOG NUMBER: P3AS09R60B2750DE010 E3CB1MMS_5000K

CANDELA DISTRIBUTION (FULL):

	0°
0°	882.1
2.5°	867.7
5°	843.9
7.5°	842.6
10°	858.9
12.5°	869.6
15°	853.3
17.5°	804.4
20°	733.0
22.5°	658.4
25°	595.8
27.5°	534.4
30°	461.7
32.5°	376.5
35°	284.4
37.5°	194.2
40°	122.2
42.5°	73.3
45°	43.2
47.5°	25.1
50°	13.2
52.5°	4.4
55°	3.1
57.5°	2.5
60°	2.5
62.5°	1.9
65°	1.9
67.5°	1.9
70°	1.3
72.5°	1.3
75°	1.3
77.5°	0.6
80°	0.6
82.5°	0.6
85°	0.6
87.5°	0.0
90°	0.0

(END OF REPORT)