

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: P1283980

Luminaire Tested: P3AS09R60B2750DE010 E3DLP1LI_4000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1283980
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-37)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R60B2750DE010 E3DLP1LI_4000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R60 optic, 4000K CCT AND, 80CRI , E3DLP1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

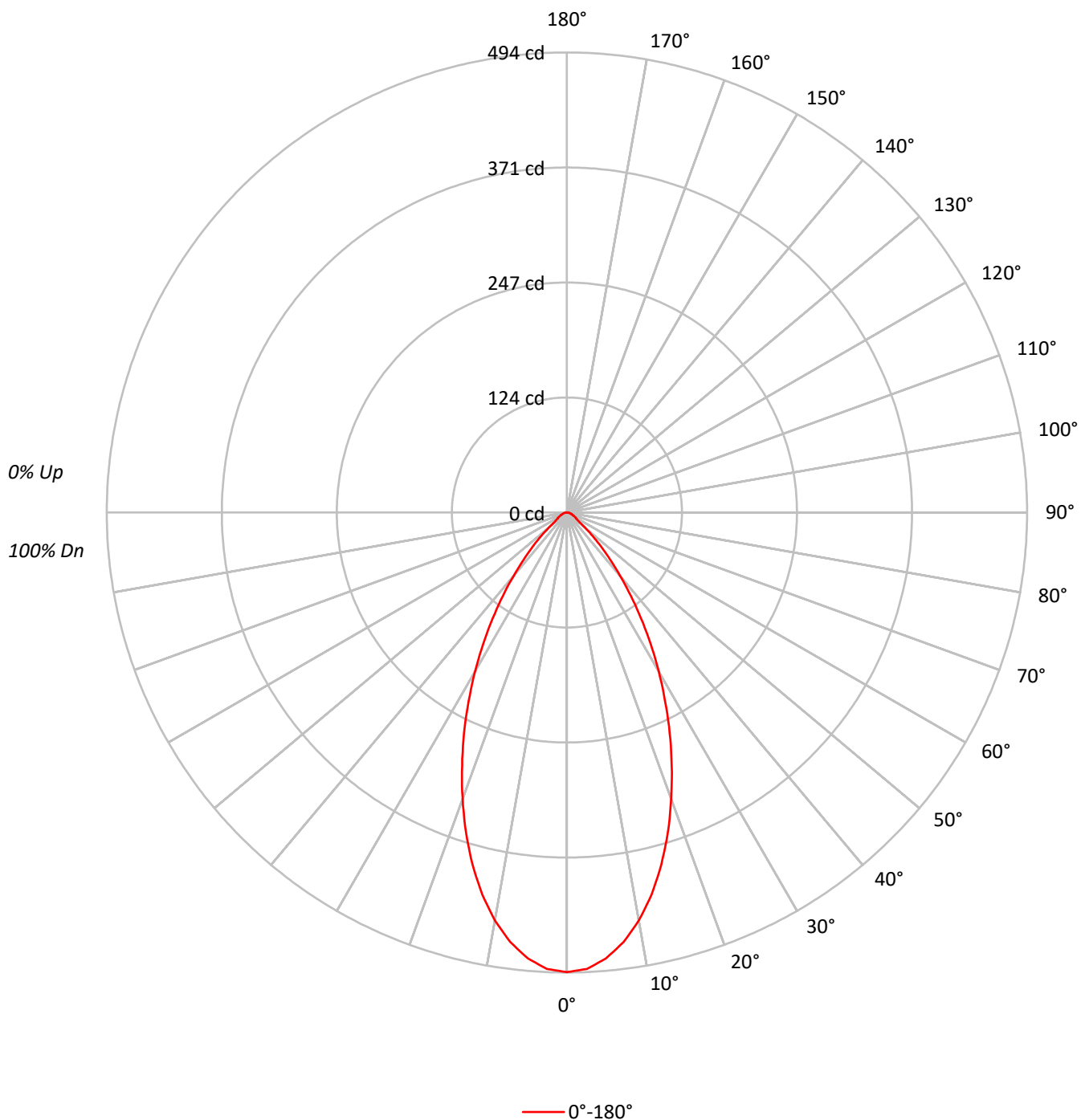
Lumens per Lamp: N/A
Luminaire Lumens: 427.0 lumens
Efficiency: N/A
Efficacy: 32.6 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1283980

CATALOG NUMBER: P3AS09R60B2750DE010 E3DLP1LI_4000K

Luminous Intensity Polar Plot



TEST NUMBER: P1283980

CATALOG NUMBER: P3AS09R60B2750DE010 E3DLP1LI_4000K

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	113	110	107	105	110	108	105	103	104	102	100		100	98	97		96	95	94	92
2	107	101	97	93	104	100	96	92	96	93	90		93	91	88		91	88	86	85
3	101	94	88	84	99	92	87	83	90	86	82		87	84	81		85	82	80	78
4	95	87	81	77	93	86	80	76	84	79	75		82	78	74		80	76	73	72
5	90	81	75	70	88	80	74	70	78	73	69		77	72	69		75	71	68	66
6	85	76	69	65	84	75	69	65	73	68	64		72	67	64		71	66	63	62
7	81	71	65	60	79	70	64	60	69	64	60		68	63	59		67	62	59	57
8	77	67	60	56	75	66	60	56	65	60	56		64	59	55		63	58	55	54
9	73	63	57	52	72	62	56	52	61	56	52		60	55	52		60	55	52	50
10	69	59	53	49	68	59	53	49	58	53	49		57	52	49		56	52	49	47

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	108215
5°	105789
10°	99041
15°	88854
20°	76400
25°	63173
30°	49932
35°	37075
40°	25534
45°	16002
50°	8801
55°	5161
60°	4649
65°	3943
70°	3398
75°	3474
80°	2904
85°	3019

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 16002 cd/sqm

TEST NUMBER: P1283980

CATALOG NUMBER: P3AS09R60B2750DE010 E3DLP1LI_4000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	44.7	10.5
10°-20°	108.7	25.5
20°-30°	119.2	27.9
30°-40°	86.9	20.3
40°-50°	41.0	9.6
50°-60°	13.4	3.1
60°-70°	7.6	1.8
70°-80°	4.1	1.0
80°-90°	1.3	0.3
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°	272.7	63.9
0°-40°	359.5	84.2
0°-60°	414.0	97.0
0°-90°	427.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	427.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	494	
5°	481	45
15°	391	109
25°	261	119
35°	138	87
45°	52	41
55°	14	13
65°	8	8
75°	4	4
85°	1	1
90°	0	

TEST NUMBER: P1283980

CATALOG NUMBER: P3AS09R60B2750DE010 E3DLP1LI_4000K

CANDELA DISTRIBUTION (FULL):

	0°
0°	493.5
2.5°	490.6
5°	480.6
7.5°	465.3
10°	444.8
12.5°	420.1
15°	391.4
17.5°	360.3
20°	327.4
22.5°	294.0
25°	261.1
27.5°	228.3
30°	197.2
32.5°	167.2
35°	138.5
37.5°	112.7
40°	89.2
42.5°	68.7
45°	51.6
47.5°	37.6
50°	25.8
52.5°	17.0
55°	13.5
57.5°	11.7
60°	10.6
62.5°	8.8
65°	7.6
67.5°	6.5
70°	5.3
72.5°	4.7
75°	4.1
77.5°	2.9
80°	2.3
82.5°	1.8
85°	1.2
87.5°	0.6
90°	0.0

(END OF REPORT)