

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: P1305009

Luminaire Tested: P3DUS09R60B2750DE010 E3CBUS1MW_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1305009
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-93)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3DUS09R60B2750DE010 E3CBUS1MW_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R60 optic, 3000K CCT AND, 90CRI , E3CBUS1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

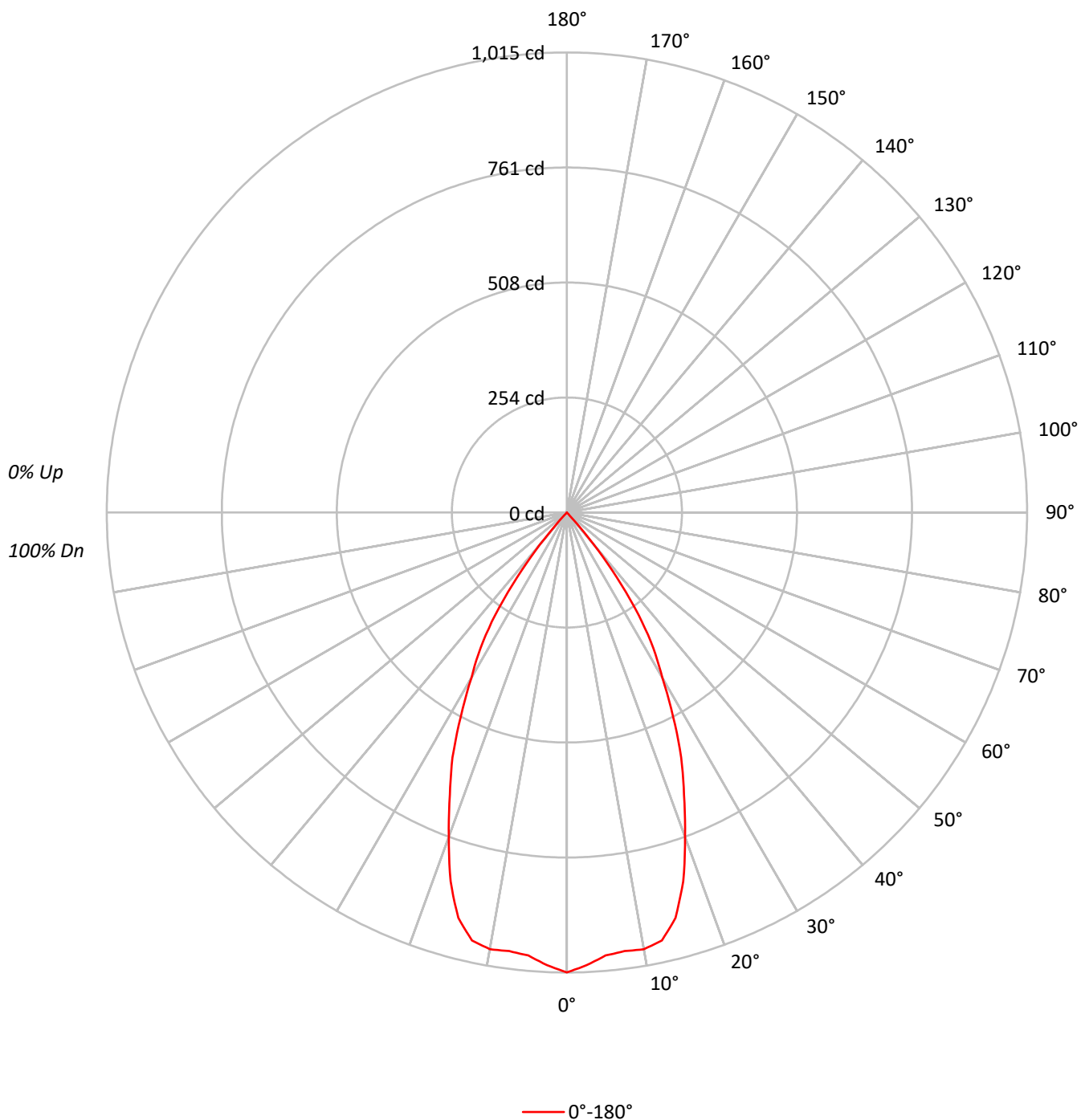
Lumens per Lamp: N/A
Luminaire Lumens: 790.0 lumens
Efficiency: N/A
Efficacy: 60.3 lumens/watt
Spacing Criteria (0/90/45): 0.86 / 0.86 / 0.84
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1305009

CATALOG NUMBER: P3DUS09R60B2750DE010 E3CBUS1MW_3000K

Luminous Intensity Polar Plot



TEST NUMBER: P1305009

CATALOG NUMBER: P3DUS09R60B2750DE010 E3CBUS1MW_3000K

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				20				20				20
RC	80				70				50				30				10				0				0				0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																													
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	102	102	102	102	102	102	102	102	102	102	102	100
1	114	111	109	107	111	109	107	105	105	103	102	101	100	99	98	97	96	96	96	96	96	96	96	96	96	96	96	96	94
2	109	104	100	97	107	102	99	96	99	96	94	96	94	92	94	92	90	94	92	90	94	92	90	94	92	90	94	92	89
3	104	98	93	89	102	96	92	89	94	90	87	91	88	86	89	87	85	89	87	85	89	87	85	89	87	85	89	87	83
4	99	92	87	83	97	91	86	82	89	85	81	87	83	80	85	82	79	85	82	79	85	82	79	85	82	79	85	82	78
5	94	86	81	77	93	86	80	77	84	79	76	82	78	75	81	77	75	81	77	75	81	77	75	81	77	75	81	77	73
6	90	82	76	72	89	81	76	72	79	75	71	78	74	71	77	73	70	77	73	70	77	73	70	77	73	70	77	73	69
7	86	77	71	68	85	76	71	67	75	70	67	74	70	67	73	69	66	73	69	66	73	69	66	73	69	66	73	69	65
8	82	73	67	63	81	72	67	63	71	67	63	70	66	63	69	66	63	69	66	63	69	66	63	69	66	63	69	66	61
9	78	69	64	60	77	69	63	60	68	63	60	67	63	59	66	62	59	66	62	59	66	62	59	66	62	59	66	62	58
10	75	66	60	57	74	65	60	56	64	60	56	64	59	56	63	59	56	63	59	56	63	59	56	63	59	56	63	59	55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	222504
5°	215914
10°	217854
15°	210194
20°	177815
25°	144395
30°	106751
35°	74017
40°	26507
45°	0
50°	0
55°	0
60°	0
65°	0
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

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

TEST NUMBER: P1305009

CATALOG NUMBER: P3DUS09R60B2750DE010 E3CBUS1MW_3000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	93.7	11.9
10°-20°	253.1	32.0
20°-30°	269.6	34.1
30°-40°	163.8	20.7
40°-50°	9.8	1.2
50°-60°	0.0	0.0
60°-70°	0.0	0.0
70°-80°	0.0	0.0
80°-90°	0.0	0.0
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°	616.5	78.0
0°-40°	780.2	98.8
0°-60°	790.0	100.0
0°-90°	790.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	790.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1015	
5°	981	94
15°	926	253
25°	597	270
35°	276	164
45°	0	10
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1305009

CATALOG NUMBER: P3DUS09R60B2750DE010 E3CBUS1MW_3000K

CANDELA DISTRIBUTION (FULL):

	0°
0°	1014.7
2.5°	999.7
5°	980.9
7.5°	975.9
10°	978.4
12.5°	967.2
15°	925.9
17.5°	853.3
20°	762.0
22.5°	674.4
25°	596.8
27.5°	506.7
30°	421.6
32.5°	355.3
35°	276.5
37.5°	180.2
40°	92.6
42.5°	7.5
45°	0.0
47.5°	0.0
50°	0.0
52.5°	0.0
55°	0.0
57.5°	0.0
60°	0.0
62.5°	0.0
65°	0.0
67.5°	0.0
70°	0.0
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)