

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: P1283388

Luminaire Tested: P3AS09R40B2750DE010 E3DLD1LI_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1283388
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-22)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R40B2750DE010 E3DLD1LI_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R40 optic, 3000K CCT AND, 90CRI , E3DLD1LI TRIM
Light Source: -
Ballast/Driver: -

Summary

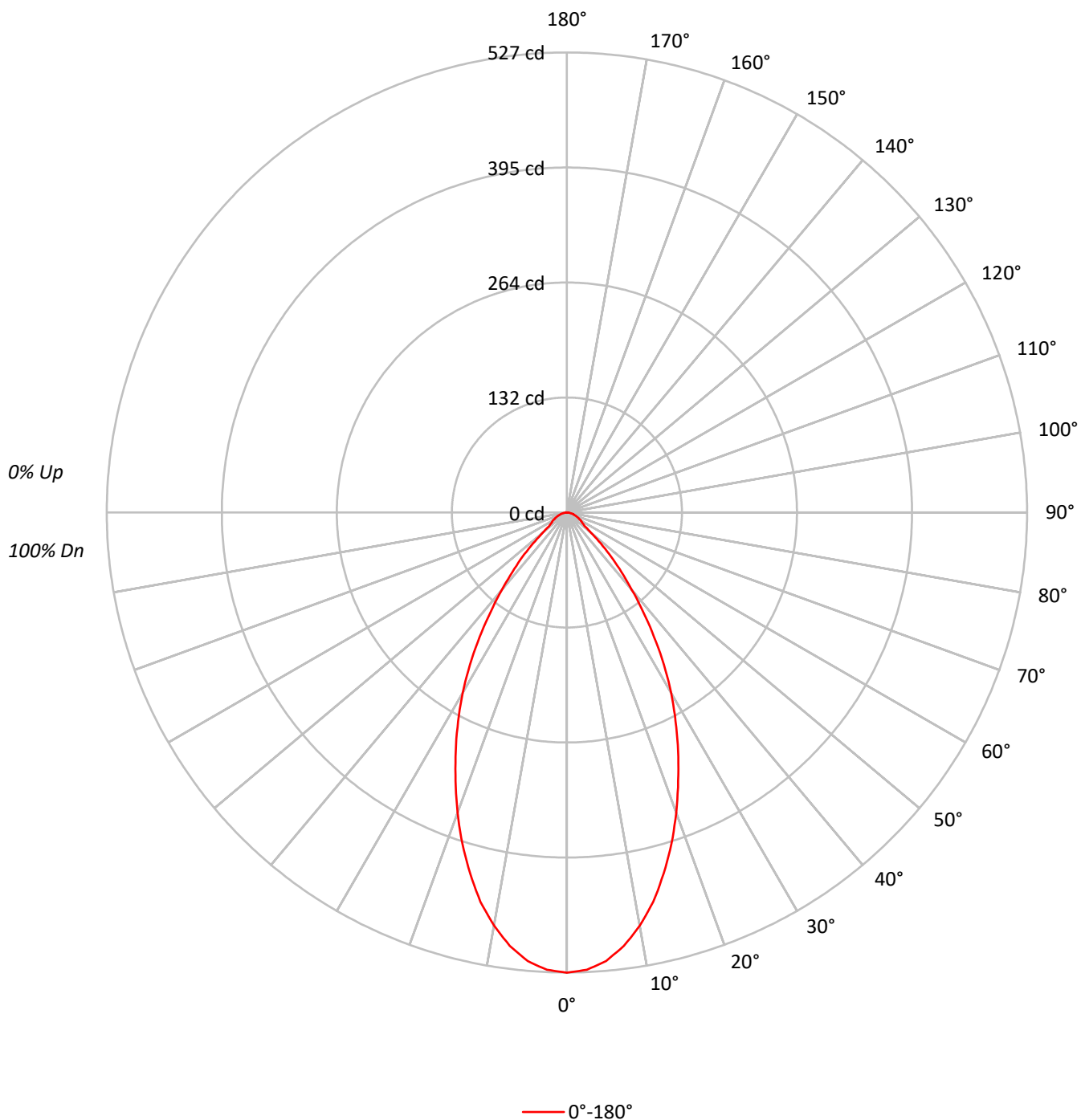
Lumens per Lamp: N/A
Luminaire Lumens: 515.0 lumens
Efficiency: N/A
Efficacy: 39.3 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1283388

CATALOG NUMBER: P3AS09R40B2750DE010 E3DLD1LI_3000K

Luminous Intensity Polar Plot



TEST NUMBER: P1283388

CATALOG NUMBER: P3AS09R40B2750DE010 E3DLD1LI_3000K

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	112	109	106	104	110	107	104	102	103	101	99		99	98	96		96
2	106	100	96	92	104	98	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	81	88	84	80		86	82	79		83
4	94	85	79	74	92	84	78	74	82	77	73		80	75	72		78
5	89	79	73	68	87	78	72	67	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	61		70	65	61		68
7	79	69	62	57	78	68	62	57	67	61	57		65	60	57		64
8	75	64	58	53	74	64	57	53	63	57	53		62	56	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	51	46	66	56	50	46	56	50	46		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	115605
5°	113515
10°	106990
15°	97186
20°	85384
25°	72899
30°	60389
35°	46578
40°	33148
45°	22328
50°	12179
55°	8602
60°	8070
65°	7472
70°	6668
75°	6354
80°	5051
85°	4277

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 22328 cd/sqm

TEST NUMBER: P1283388

CATALOG NUMBER: P3AS09R40B2750DE010 E3DLD1LI_3000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	48.1	9.3
10°-20°	119.2	23.2
20°-30°	137.9	26.8
30°-40°	108.7	21.1
40°-50°	55.8	10.8
50°-60°	21.3	4.1
60°-70°	14.1	2.7
70°-80°	7.7	1.5
80°-90°	2.3	0.4
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°	305.2	59.3
0°-40°	413.9	80.4
0°-60°	490.9	95.3
0°-90°	515.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	515.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	527	
5°	516	48
15°	428	119
25°	301	138
35°	174	109
45°	72	56
55°	22	21
65°	14	14
75°	8	8
85°	2	2
90°	0	



TEST NUMBER: P1283388

CATALOG NUMBER: P3AS09R40B2750DE010 E3DLD1LI_3000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	527.2
2.5°	524.3
5°	515.7
7.5°	500.7
10°	480.5
12.5°	456.9
15°	428.1
17.5°	398.1
20°	365.9
22.5°	333.0
25°	301.3
27.5°	269.7
30°	238.5
32.5°	206.9
35°	174.0
37.5°	143.5
40°	115.8
42.5°	92.2
45°	72.0
47.5°	52.4
50°	35.7
52.5°	25.9
55°	22.5
57.5°	20.2
60°	18.4
62.5°	16.1
65°	14.4
67.5°	12.1
70°	10.4
72.5°	8.6
75°	7.5
77.5°	5.8
80°	4.0
82.5°	3.5
85°	1.7
87.5°	1.2
90°	0.0

(END OF REPORT)