

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: P1283318

Luminaire Tested: P3AS09R40B2750DE010 E3CD1MW_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1283318
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-24)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R40B2750DE010 E3CD1MW_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R40 optic, 3000K CCT AND, 90CRI , E3CD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

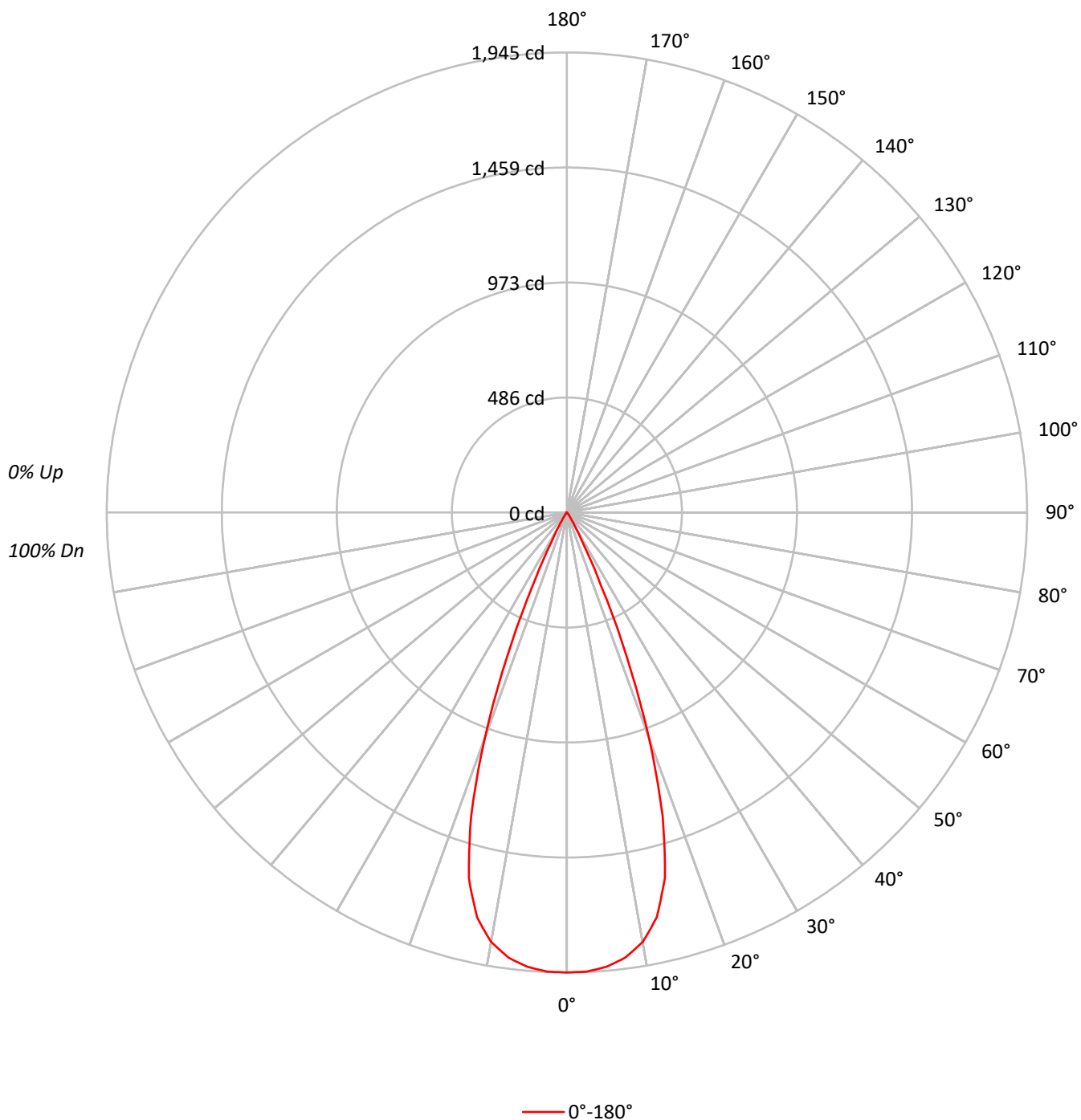
Lumens per Lamp: N/A
Luminaire Lumens: 810.0 lumens
Efficiency: N/A
Efficacy: 61.8 lumens/watt
Spacing Criteria (0/90/45): 0.69 / 0.69 / 0.59
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1283318

CATALOG NUMBER: P3AS09R40B2750DE010 E3CD1MW_3000K

Luminous Intensity Polar Plot



TEST NUMBER: P1283318

CATALOG NUMBER: P3AS09R40B2750DE010 E3CD1MW_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	115	112	110	109	112	110	109	107	106	105	104	103	102	101	99	98	98	98	98	98	98	98	98	98	98	98	98	98	96
2	111	107	104	101	109	105	102	100	102	100	98	99	97	96	96	95	94	94	94	94	94	94	94	94	94	94	94	94	92
3	107	102	98	95	105	100	97	94	98	95	93	96	93	91	94	92	90	90	90	90	90	90	90	90	90	90	90	90	89
4	103	97	93	90	102	96	92	89	94	91	88	92	90	87	91	88	86	86	86	86	86	86	86	86	86	86	86	86	85
5	100	93	89	86	98	92	88	85	91	87	85	89	86	84	88	85	83	83	83	83	83	83	83	83	83	83	83	83	82
6	96	90	85	82	95	89	85	82	88	84	81	86	83	81	85	82	80	80	80	80	80	80	80	80	80	80	80	80	79
7	93	86	82	79	92	86	81	78	85	81	78	83	80	78	82	79	77	77	77	77	77	77	77	77	77	77	77	77	76
8	90	83	79	76	89	83	78	75	82	78	75	81	77	75	80	77	75	75	75	75	75	75	75	75	75	75	75	75	73
9	87	80	76	73	87	80	76	73	79	75	72	78	75	72	77	74	72	72	72	72	72	72	72	72	72	72	72	72	71
10	85	77	73	70	84	77	73	70	76	73	70	76	72	70	75	72	70	70	70	70	70	70	70	70	70	70	70	70	69

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	426479
5°	424432
10°	410614
15°	363271
20°	237017
25°	83956
30°	17800
35°	5862
40°	2147
45°	713
50°	580
55°	650
60°	526
65°	623
70°	385
75°	508
80°	758
85°	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 82.5°

Luminance: 1008 cd/sqm

TEST NUMBER: P1283318

CATALOG NUMBER: P3AS09R40B2750DE010 E3CD1MW_3000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	181.4	22.4
10°-20°	422.5	52.2
20°-30°	183.3	22.6
30°-40°	16.9	2.1
40°-50°	2.4	0.3
50°-60°	1.5	0.2
60°-70°	1.1	0.1
70°-80°	0.6	0.1
80°-90°	0.2	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°	787.3	97.2
0°-40°	804.2	99.3
0°-60°	808.0	99.8
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°	1945	
5°	1928	181
15°	1600	423
25°	347	183
35°	22	17
45°	2	2
55°	2	1
65°	1	1
75°	1	1
85°	0	0
90°	0	



TEST NUMBER: P1283318

CATALOG NUMBER: P3AS09R40B2750DE010 E3CD1MW_3000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	1944.9
2.5°	1942.6
5°	1928.2
7.5°	1897.7
10°	1844.1
12.5°	1753.5
15°	1600.2
17.5°	1346.0
20°	1015.7
22.5°	659.5
25°	347.0
27.5°	149.3
30°	70.3
32.5°	38.0
35°	21.9
37.5°	13.3
40°	7.5
42.5°	4.0
45°	2.3
47.5°	1.7
50°	1.7
52.5°	1.7
55°	1.7
57.5°	1.7
60°	1.2
62.5°	1.2
65°	1.2
67.5°	1.2
70°	0.6
72.5°	0.6
75°	0.6
77.5°	0.6
80°	0.6
82.5°	0.6
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)