

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: P1283409

Luminaire Tested: P3AS09R40B2750DE010 E3DLP1GPH_3500K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1283409
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-21)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R40B2750DE010 E3DLP1GPH_3500K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R40 optic, 3500K CCT AND, 80CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

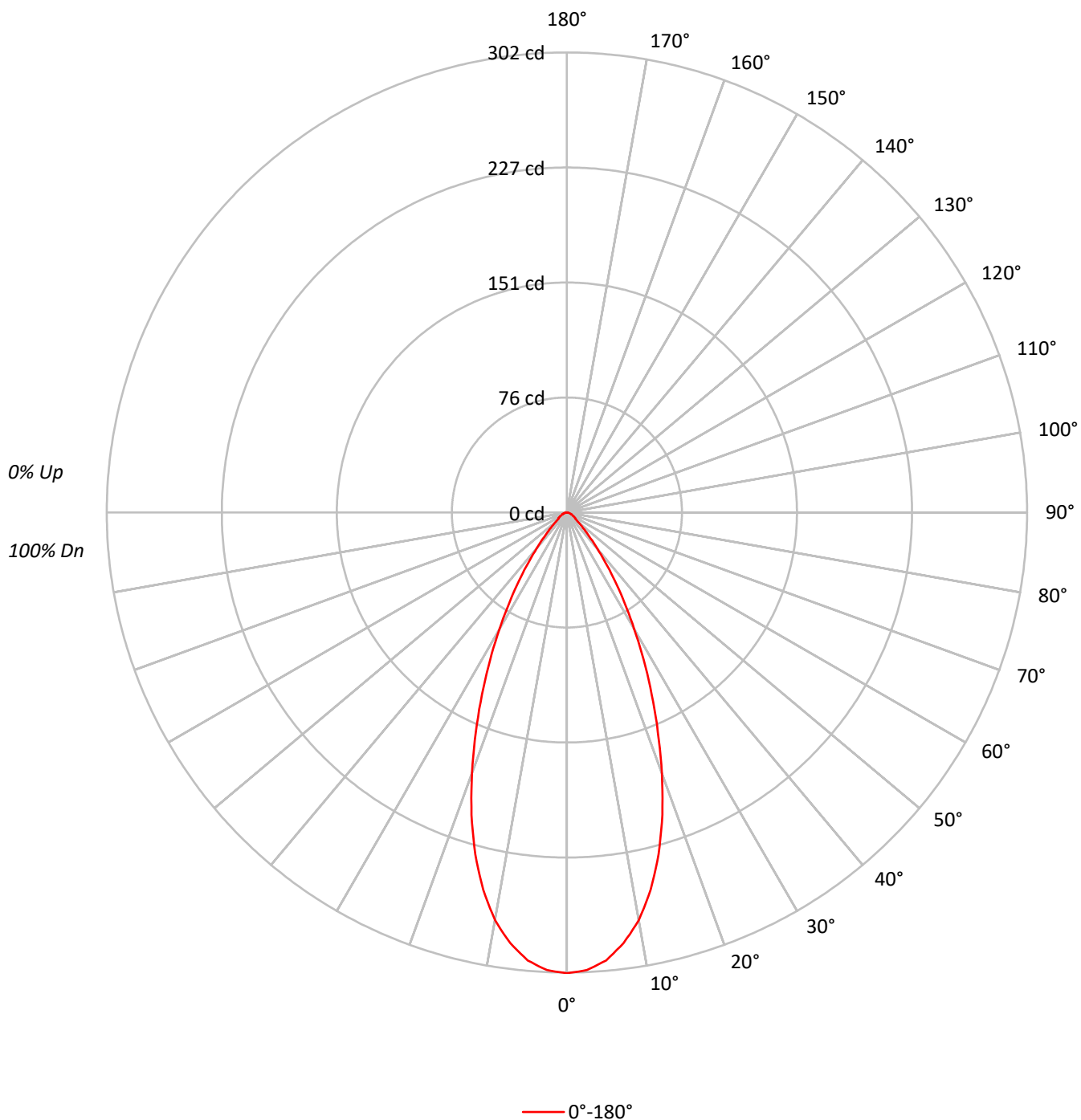
Lumens per Lamp: N/A
Luminaire Lumens: 213.0 lumens
Efficiency: N/A
Efficacy: 16.3 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1283409

CATALOG NUMBER: P3AS09R40B2750DE010 E3DLP1GPH_3500K

Luminous Intensity Polar Plot



TEST NUMBER: P1283409

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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				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	108	105	111	108	106	104	104	102	100		100	99	97		97	96	95		93
2	107	102	98	95	105	101	97	93	97	94	91		94	92	89		92	89	88		86
3	102	95	90	86	100	94	89	85	91	87	84		89	85	83		86	84	81		80
4	97	89	83	79	95	88	83	79	86	81	78		84	80	77		82	79	76		74
5	92	83	77	73	90	82	77	73	81	76	72		79	75	71		77	74	71		69
6	87	78	72	68	86	78	72	68	76	71	67		75	70	67		73	69	66		65
7	83	74	68	64	82	73	68	64	72	67	63		71	66	63		70	66	62		61
8	79	70	64	60	78	69	64	60	68	63	59		67	63	59		66	62	59		58
9	76	66	60	56	75	66	60	56	65	60	56		64	59	56		63	59	56		54
10	72	63	57	53	71	62	57	53	62	57	53		61	56	53		60	56	53		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	66332
5°	64979
10°	60498
15°	52736
20°	42494
25°	31865
30°	22383
35°	14670
40°	8874
45°	5303
50°	3173
55°	2561
60°	2281
65°	1972
70°	1859
75°	1440
80°	1515
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 5303 cd/sqm

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CATALOG NUMBER: P3AS09R40B2750DE010 E3DLP1GPH_3500K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	27.4	12.9
10°-20°	64.0	30.0
20°-30°	60.3	28.3
30°-40°	34.9	16.4
40°-50°	13.9	6.5
50°-60°	6.1	2.9
60°-70°	3.8	1.8
70°-80°	2.0	0.9
80°-90°	0.7	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°	151.7	71.2
0°-40°	186.5	87.6
0°-60°	206.6	97.0
0°-90°	213.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	213.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	302	
5°	295	27
15°	232	64
25°	132	60
35°	55	35
45°	17	14
55°	7	6
65°	4	4
75°	2	2
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	302.5
2.5°	300.7
5°	295.2
7.5°	285.1
10°	271.7
12.5°	253.7
15°	232.3
17.5°	208.2
20°	182.1
22.5°	156.0
25°	131.7
27.5°	109.0
30°	88.4
32.5°	70.5
35°	54.8
37.5°	41.5
40°	31.0
42.5°	23.2
45°	17.1
47.5°	12.5
50°	9.3
52.5°	7.5
55°	6.7
57.5°	6.1
60°	5.2
62.5°	4.3
65°	3.8
67.5°	3.2
70°	2.9
72.5°	2.3
75°	1.7
77.5°	1.4
80°	1.2
82.5°	0.9
85°	0.6
87.5°	0.3
90°	0.0

(END OF REPORT)