

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: P1283381

Luminaire Tested: P3AS09R40B2750DE010 E3DLD1GPH_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1283381
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 E3DLD1GPH_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R40 optic, 5000K CCT AND, 80CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

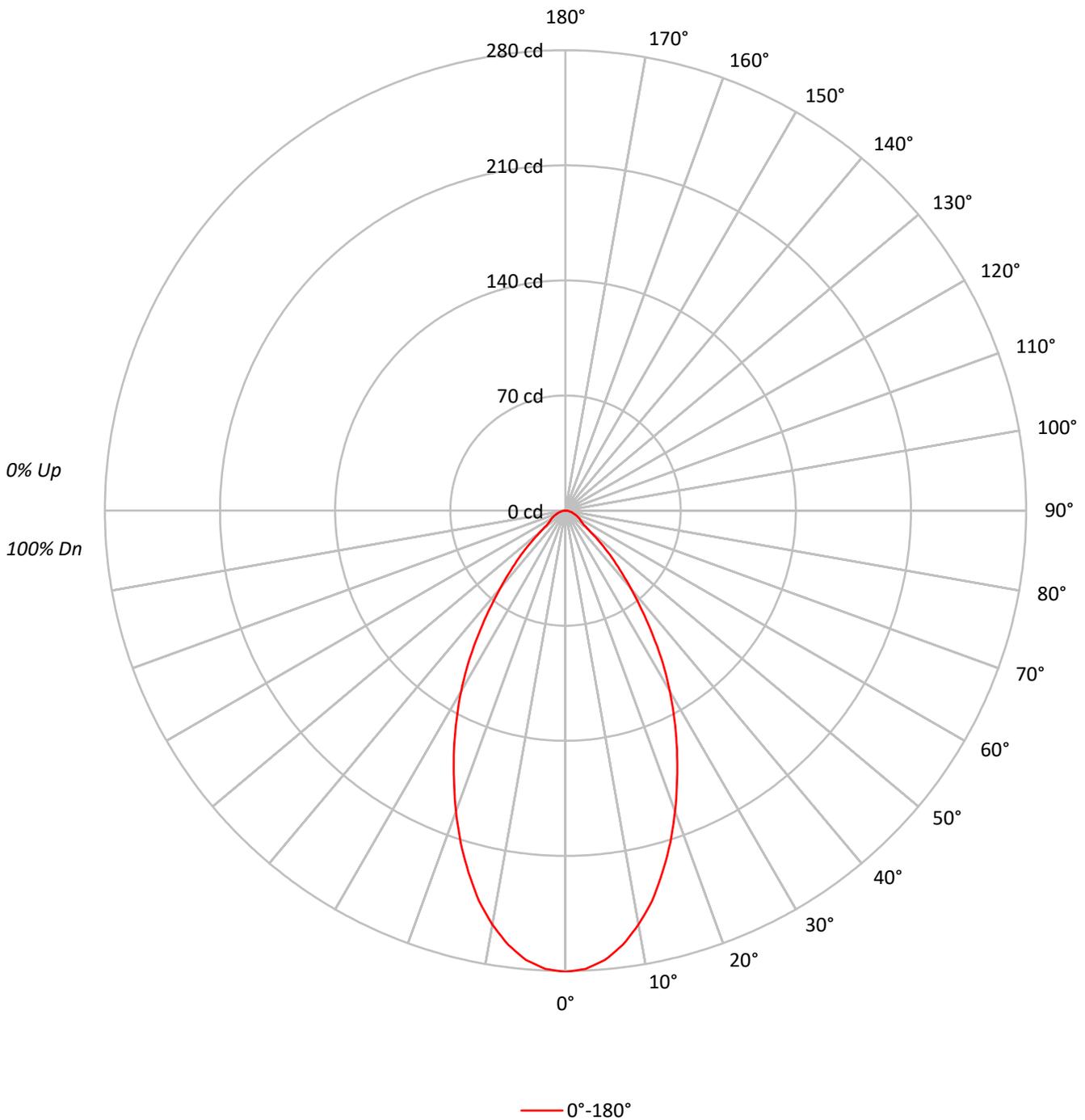
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 274.0 lumens
Efficiency: N/A
Efficacy: 20.9 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: P1283381
CATALOG NUMBER: P3AS09R40B2750DE010 E3DLD1GPH_5000K

Luminous Intensity Polar Plot





TEST NUMBER: P1283381
 CATALOG NUMBER: P3AS09R40B2750DE010 E3DLD1GPH_5000K

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	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	112	109	106	104	110	107	104	102	103	101	99	99	98	96	96	94	93	91		
2	106	100	96	92	104	98	94	91	95	92	89	92	89	87	89	87	85	83		
3	100	92	87	82	98	91	86	81	88	84	80	86	82	79	83	80	78	76		
4	94	85	79	74	92	84	78	74	82	77	73	80	75	72	78	74	71	69		
5	89	79	73	68	87	78	72	67	76	71	67	75	70	66	73	69	66	64		
6	84	74	67	62	82	73	67	62	71	66	61	70	65	61	68	64	61	59		
7	79	69	62	57	78	68	62	57	67	61	57	65	60	57	64	60	56	55		
8	75	64	58	53	74	64	58	53	63	57	53	62	56	53	61	56	52	51		
9	71	60	54	50	70	60	54	50	59	53	49	58	53	49	57	52	49	48		
10	67	57	51	46	66	56	50	46	56	50	46	55	50	46	54	49	46	45		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	61508
5°	60400
10°	56935
15°	51714
20°	45434
25°	38784
30°	32132
35°	24788
40°	17633
45°	11877
50°	6482
55°	4588
60°	4298
65°	3995
70°	3526
75°	3389
80°	2652
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 11877 cd/sqm



TEST NUMBER: P1283381

CATALOG NUMBER: P3AS09R40B2750DE010 E3DLD1GPH_5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	25.6	9.3
10°-20°	63.5	23.2
20°-30°	73.4	26.8
30°-40°	57.8	21.1
40°-50°	29.7	10.8
50°-60°	11.3	4.1
60°-70°	7.5	2.7
70°-80°	4.1	1.5
80°-90°	1.2	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°	162.4	59.3
0°-40°	220.2	80.4
0°-60°	261.2	95.3
0°-90°	274.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	274.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	280	
5°	274	26
15°	228	63
25°	160	73
35°	93	58
45°	38	30
55°	12	11
65°	8	8
75°	4	4
85°	1	1
90°	0	



TEST NUMBER: P1283381
CATALOG NUMBER: P3AS09R40B2750DE010 E3DLD1GPH_5000K

CANDELA DISTRIBUTION (FULL):

	0°
0°	280.5
2.5°	279.0
5°	274.4
7.5°	266.4
10°	255.7
12.5°	243.1
15°	227.8
17.5°	211.8
20°	194.7
22.5°	177.2
25°	160.3
27.5°	143.5
30°	126.9
32.5°	110.1
35°	92.6
37.5°	76.3
40°	61.6
42.5°	49.0
45°	38.3
47.5°	27.9
50°	19.0
52.5°	13.8
55°	12.0
57.5°	10.7
60°	9.8
62.5°	8.6
65°	7.7
67.5°	6.4
70°	5.5
72.5°	4.6
75°	4.0
77.5°	3.1
80°	2.1
82.5°	1.8
85°	0.9
87.5°	0.6
90°	0.0

(END OF REPORT)