

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: P1284090

Luminaire Tested: P3AS09R65B2750DE010 E3DLD1H_4000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1284090
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-42)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R65B2750DE010 E3DLD1H_4000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R65 optic, 4000K CCT AND, 80CRI , E3DLD1H TRIM
Light Source: -
Ballast/Driver: -

Summary

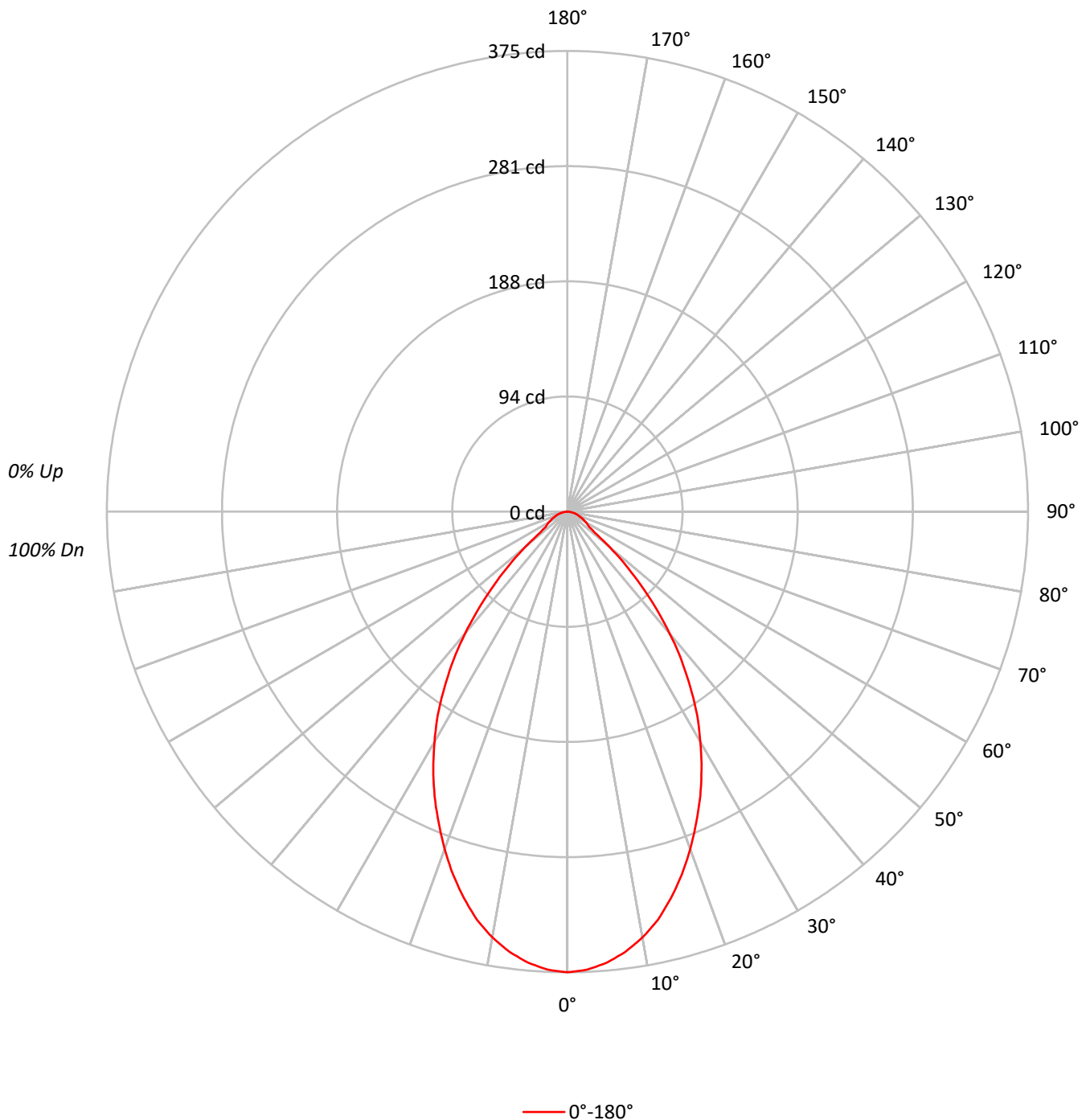
Lumens per Lamp: N/A
Luminaire Lumens: 462.1 lumens
Efficiency: N/A
Efficacy: 35.3 lumens/watt
Spacing Criteria (0/90/45): 0.94 / 0.94 / 1
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1284090

CATALOG NUMBER: P3AS09R65B2750DE010 E3DLD1H_4000K

Luminous Intensity Polar Plot





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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	0			
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100			
1	112	109	106	103	110	107	104	101	102	100	98	99	97	95	95	94	93	91			
2	105	99	94	90	103	97	93	89	94	90	87	91	88	85	88	86	84	82			
3	99	91	85	80	96	89	84	79	87	82	78	84	80	77	82	78	76	74			
4	92	83	77	72	90	82	76	71	80	75	70	78	73	70	76	72	69	67			
5	87	77	70	65	85	76	69	65	74	68	64	72	67	63	71	66	63	61			
6	82	71	64	59	80	70	64	59	69	63	58	67	62	58	66	61	58	56			
7	77	66	59	54	75	65	59	54	64	58	54	63	57	53	61	57	53	51			
8	72	61	55	50	71	61	54	50	60	54	49	59	53	49	58	53	49	47			
9	68	57	51	46	67	57	50	46	56	50	46	55	49	46	54	49	45	44			
10	65	54	47	43	64	53	47	43	52	47	43	52	46	42	51	46	42	41			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	82208
5°	81114
10°	78378
15°	73916
20°	68186
25°	61891
30°	54819
35°	46659
40°	37127
45°	26204
50°	15215
55°	8296
60°	7719
65°	7005
70°	6411
75°	5931
80°	5177
85°	4529

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 26204 cd/sqm

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CATALOG NUMBER: P3AS09R65B2750DE010 E3DLD1H_4000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	34.7	7.5
10°-20°	91.1	19.7
20°-30°	117.1	25.3
30°-40°	108.3	23.4
40°-50°	65.4	14.2
50°-60°	22.3	4.8
60°-70°	13.4	2.9
70°-80°	7.6	1.6
80°-90°	2.2	0.5
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°	242.8	52.6
0°-40°	351.2	76.0
0°-60°	438.9	95.0
0°-90°	462.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	462.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	375	
5°	368	35
15°	326	91
25°	256	117
35°	174	108
45°	84	65
55°	22	22
65°	14	13
75°	7	8
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	374.9
2.5°	373.2
5°	368.5
7.5°	361.4
10°	352.0
12.5°	340.3
15°	325.6
17.5°	309.8
20°	292.2
22.5°	274.0
25°	255.8
27.5°	236.5
30°	216.5
32.5°	196.6
35°	174.3
37.5°	152.6
40°	129.7
42.5°	106.8
45°	84.5
47.5°	64.0
50°	44.6
52.5°	28.2
55°	21.7
57.5°	19.4
60°	17.6
62.5°	15.3
65°	13.5
67.5°	11.7
70°	10.0
72.5°	8.8
75°	7.0
77.5°	5.9
80°	4.1
82.5°	2.9
85°	1.8
87.5°	1.2
90°	0.0

(END OF REPORT)