

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: P1284116

Luminaire Tested: P3AS09R65B2750DE010 E3DLP1GPH_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1284116
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-41)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R65B2750DE010 E3DLP1GPH_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R65 optic, 5000K CCT AND, 80CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

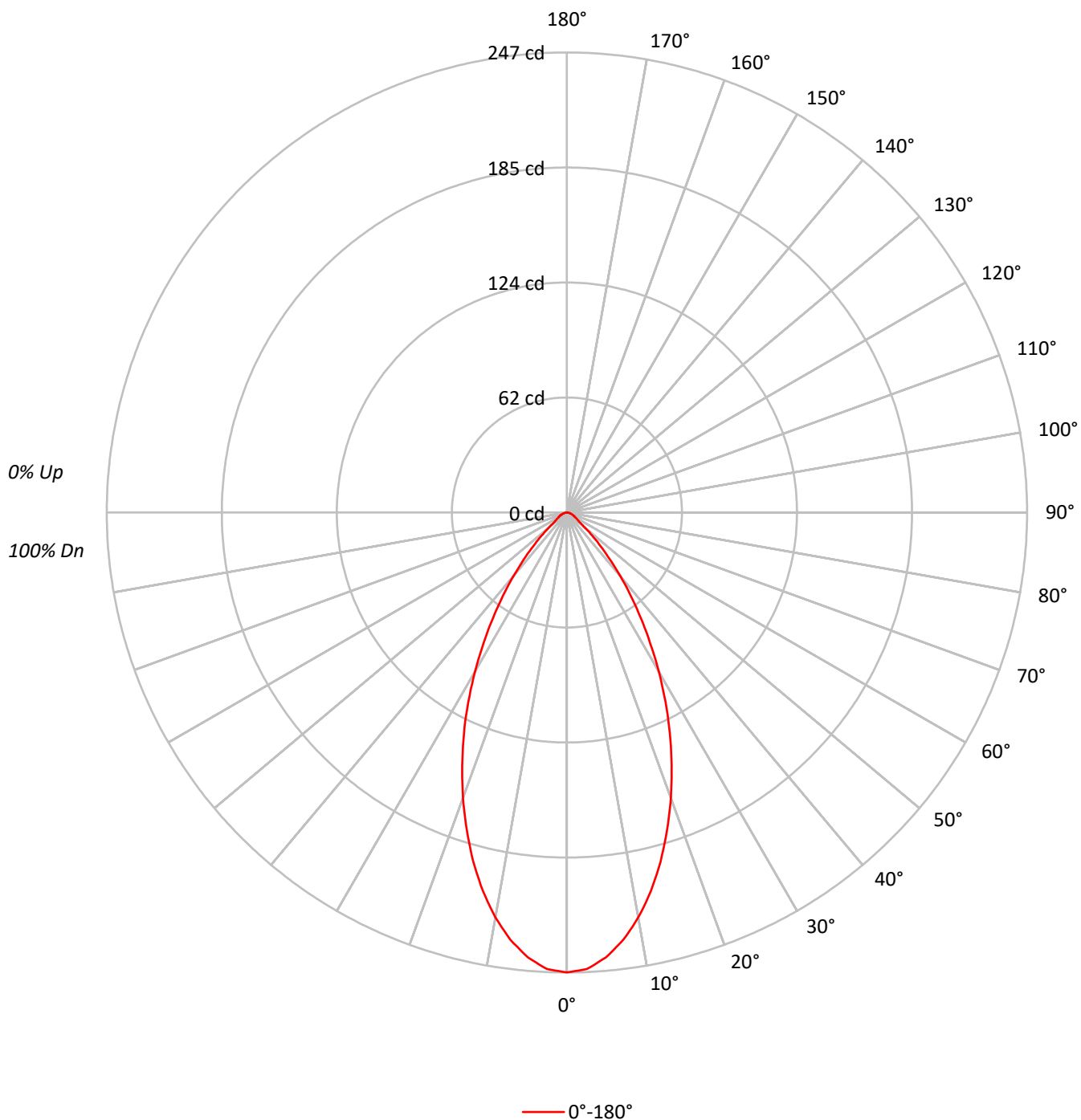
Lumens per Lamp: N/A
Luminaire Lumens: 213.0 lumens
Efficiency: N/A
Efficacy: 16.3 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1284116

CATALOG NUMBER: P3AS09R65B2750DE010 E3DLP1GPH_5000K

Luminous Intensity Polar Plot





TEST NUMBER: P1284116

CATALOG NUMBER: P3AS09R65B2750DE010 E3DLP1GPH_5000K

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	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	107	105	110	108	105	103	104	102	100	100	98	97	96	95	94	92		
2	107	101	97	93	104	100	96	92	96	93	90	93	91	88	90	88	86	85		
3	101	94	88	84	99	92	87	83	90	85	82	87	84	81	85	82	79	78		
4	95	87	81	77	93	86	80	76	84	79	75	82	78	74	80	76	73	72		
5	90	81	75	70	88	80	74	70	78	73	69	77	72	69	75	71	68	66		
6	85	76	69	65	84	75	69	65	73	68	64	72	67	64	71	66	63	62		
7	81	71	65	60	79	70	64	60	69	64	60	68	63	59	67	62	59	57		
8	77	67	60	56	75	66	60	56	65	59	56	64	59	55	63	58	55	54		
9	73	63	57	52	72	62	56	52	61	56	52	60	55	52	59	55	52	50		
10	69	59	53	49	68	59	53	49	58	53	49	57	52	49	56	52	49	47		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	54140
5°	52784
10°	49164
15°	44064
20°	38060
25°	31647
30°	24966
35°	18498
40°	12738
45°	7908
50°	4298
55°	2714
60°	2281
65°	2075
70°	1795
75°	1525
80°	1515
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 7908 cd/sqm

TEST NUMBER: P1284116

CATALOG NUMBER: P3AS09R65B2750DE010 E3DLP1GPH_5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	22.3	10.5
10°-20°	53.9	25.3
20°-30°	59.6	28.0
30°-40°	43.3	20.3
40°-50°	20.3	9.5
50°-60°	6.8	3.2
60°-70°	4.0	1.9
70°-80°	2.1	1.0
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°	135.9	63.8
0°-40°	179.2	84.1
0°-60°	206.3	96.9
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°	247	
5°	240	22
15°	194	54
25°	131	60
35°	69	43
45°	26	20
55°	7	7
65°	4	4
75°	2	2
85°	1	1
90°	0	

TEST NUMBER: P1284116

CATALOG NUMBER: P3AS09R65B2750DE010 E3DLP1GPH_5000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	246.9
2.5°	245.4
5°	239.8
7.5°	231.5
10°	220.8
12.5°	208.2
15°	194.1
17.5°	178.7
20°	163.1
22.5°	146.8
25°	130.8
27.5°	114.5
30°	98.6
32.5°	83.2
35°	69.1
37.5°	56.2
40°	44.5
42.5°	34.1
45°	25.5
47.5°	18.4
50°	12.6
52.5°	8.6
55°	7.1
57.5°	6.1
60°	5.2
62.5°	4.6
65°	4.0
67.5°	3.4
70°	2.8
72.5°	2.5
75°	1.8
77.5°	1.5
80°	1.2
82.5°	0.9
85°	0.6
87.5°	0.3
90°	0.0

(END OF REPORT)