

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: P1284009

Luminaire Tested: P3AS09R65B2750DE010 E3CB1MW_3500K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1284009
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-44)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R65B2750DE010 E3CB1MW_3500K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R65 optic, 3500K CCT AND, 80CRI , E3CB1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

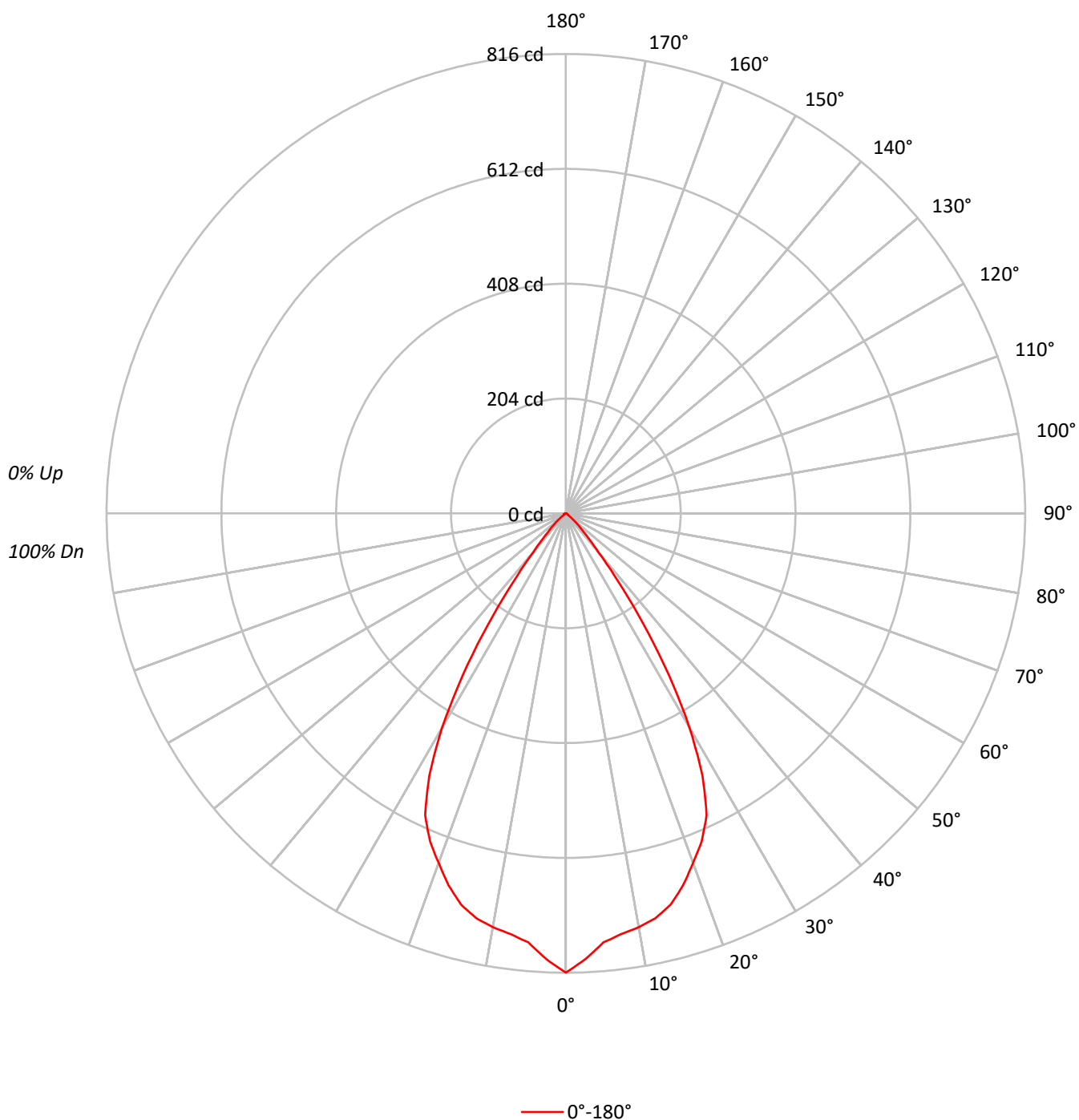
Lumens per Lamp: N/A
Luminaire Lumens: 732.1 lumens
Efficiency: N/A
Efficacy: 55.9 lumens/watt
Spacing Criteria (0/90/45): 0.98 / 0.98 / 0.9
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1284009

CATALOG NUMBER: P3AS09R65B2750DE010 E3CB1MW_3500K

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
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	114	111	108	106	111	109	106	104	105	103	101		101	99	98		97
2	108	103	99	96	106	101	98	95	98	95	93		95	93	91		92
3	103	96	91	87	101	95	90	87	92	88	85		90	87	84		87
4	97	90	84	80	96	89	84	80	87	82	79		85	81	78		83
5	93	84	78	74	91	83	78	74	81	77	73		80	76	73		78
6	88	79	73	69	86	78	73	69	77	72	68		75	71	68		74
7	84	74	68	64	82	74	68	64	72	67	64		71	67	63		70
8	80	70	64	60	78	69	64	60	68	63	60		67	63	59		66
9	76	66	60	56	75	66	60	56	65	60	56		64	59	56		63
10	72	63	57	53	71	62	57	53	61	56	53		60	56	53		60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	178889
5°	168368
10°	166218
15°	163293
20°	154177
25°	143089
30°	111232
35°	64353
40°	25934
45°	11939
50°	4640
55°	1797
60°	1579
65°	1557
70°	1539
75°	1525
80°	1515
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 11939 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	72.7	9.9
10°-20°	200.9	27.4
20°-30°	262.9	35.9
30°-40°	152.3	20.8
40°-50°	32.6	4.5
50°-60°	5.3	0.7
60°-70°	3.0	0.4
70°-80°	1.7	0.2
80°-90°	0.7	0.1
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°	536.5	73.3
0°-40°	688.8	94.1
0°-60°	726.7	99.3
0°-90°	732.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	732.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	816	
5°	765	73
15°	719	201
25°	591	263
35°	240	152
45°	38	33
55°	5	5
65°	3	3
75°	2	2
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	815.8
2.5°	792.7
5°	764.9
7.5°	753.6
10°	746.5
12.5°	736.5
15°	719.3
17.5°	692.6
20°	660.7
22.5°	630.5
25°	591.4
27.5°	525.7
30°	439.3
32.5°	340.4
35°	240.4
37.5°	152.1
40°	90.6
42.5°	56.8
45°	38.5
47.5°	24.9
50°	13.6
52.5°	6.5
55°	4.7
57.5°	4.1
60°	3.6
62.5°	3.6
65°	3.0
67.5°	2.4
70°	2.4
72.5°	1.8
75°	1.8
77.5°	1.2
80°	1.2
82.5°	0.6
85°	0.6
87.5°	0.6
90°	0.0

(END OF REPORT)