

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: P1304981

Luminaire Tested: P3DUS09R30B2750DE010 E3CBUS1MW_4000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1304981
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-88)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3DUS09R30B2750DE010 E3CBUS1MW_4000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R30 optic, 4000K CCT AND, 80CRI , E3CBUS1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

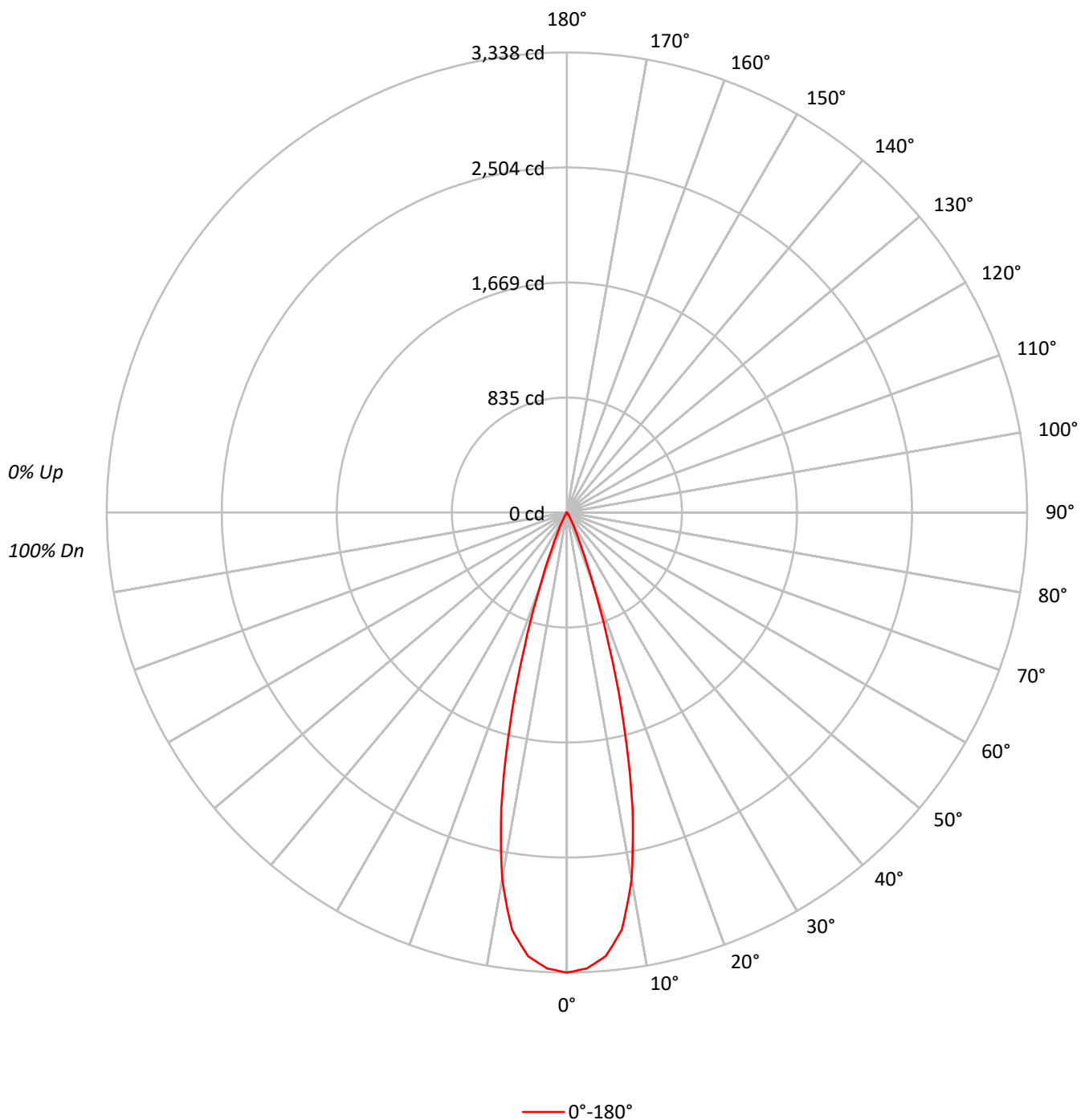
Lumens per Lamp: N/A
Luminaire Lumens: 816.0 lumens
Efficiency: N/A
Efficacy: 62.3 lumens/watt
Spacing Criteria (0/90/45): 0.5 / 0.5 / 0.45
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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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	115	113	111	110	113	111	109	108	107	106	105		103	103	102		100	99	99		97
2	112	108	105	103	110	107	104	102	104	101	100		101	99	98		98	97	96		94
3	108	104	101	98	107	103	100	97	100	98	96		98	96	94		96	94	93		92
4	105	100	97	94	104	99	96	93	97	94	92		95	93	91		94	92	90		89
5	102	97	93	90	101	96	93	90	95	91	89		93	90	88		92	89	88		87
6	100	94	90	87	99	93	90	87	92	89	86		91	88	86		90	87	85		84
7	97	91	87	84	96	91	87	84	90	86	84		89	86	83		88	85	83		82
8	95	89	85	82	94	88	84	82	87	84	82		86	83	81		86	83	81		80
9	92	86	82	80	92	86	82	80	85	82	79		84	81	79		84	81	79		78
10	90	84	80	78	90	84	80	78	83	80	77		82	79	77		82	79	77		76

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	731959
5°	711180
10°	601926
15°	362545
20°	130561
25°	36704
30°	9672
35°	3748
40°	1460
45°	0
50°	0
55°	0
60°	0
65°	0
70°	0
75°	0
80°	0
85°	0

MAXIMUM LUMINANCE 45°-90°:

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

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	292.4	35.8
10°-20°	425.0	52.1
20°-30°	87.8	10.8
30°-40°	10.2	1.3
40°-50°	0.7	0.1
50°-60°	0.0	0.0
60°-70°	0.0	0.0
70°-80°	0.0	0.0
80°-90°	0.0	0.0
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°	805.1	98.7
0°-40°	815.3	99.9
0°-60°	816.0	100.0
0°-90°	816.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	816.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	3338	
5°	3231	292
15°	1597	425
25°	152	88
35°	14	10
45°	0	1
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

	0°
0°	3338.0
2.5°	3311.2
5°	3230.9
7.5°	3053.8
10°	2703.3
12.5°	2199.8
15°	1597.0
17.5°	1022.2
20°	559.5
22.5°	280.4
25°	151.7
27.5°	82.8
30°	38.2
32.5°	22.9
35°	14.0
37.5°	8.9
40°	5.1
42.5°	1.3
45°	0.0
47.5°	0.0
50°	0.0
52.5°	0.0
55°	0.0
57.5°	0.0
60°	0.0
62.5°	0.0
65°	0.0
67.5°	0.0
70°	0.0
72.5°	0.0
75°	0.0
77.5°	0.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

(END OF REPORT)