

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: P1304983

Luminaire Tested: P3RT09R35B2750DE010 E3CBUS1MW_2700K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1304983
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-89)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3RT09R35B2750DE010 E3CBUS1MW_2700K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R35 optic, 2700K CCT AND, 90CRI , E3CBUS1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

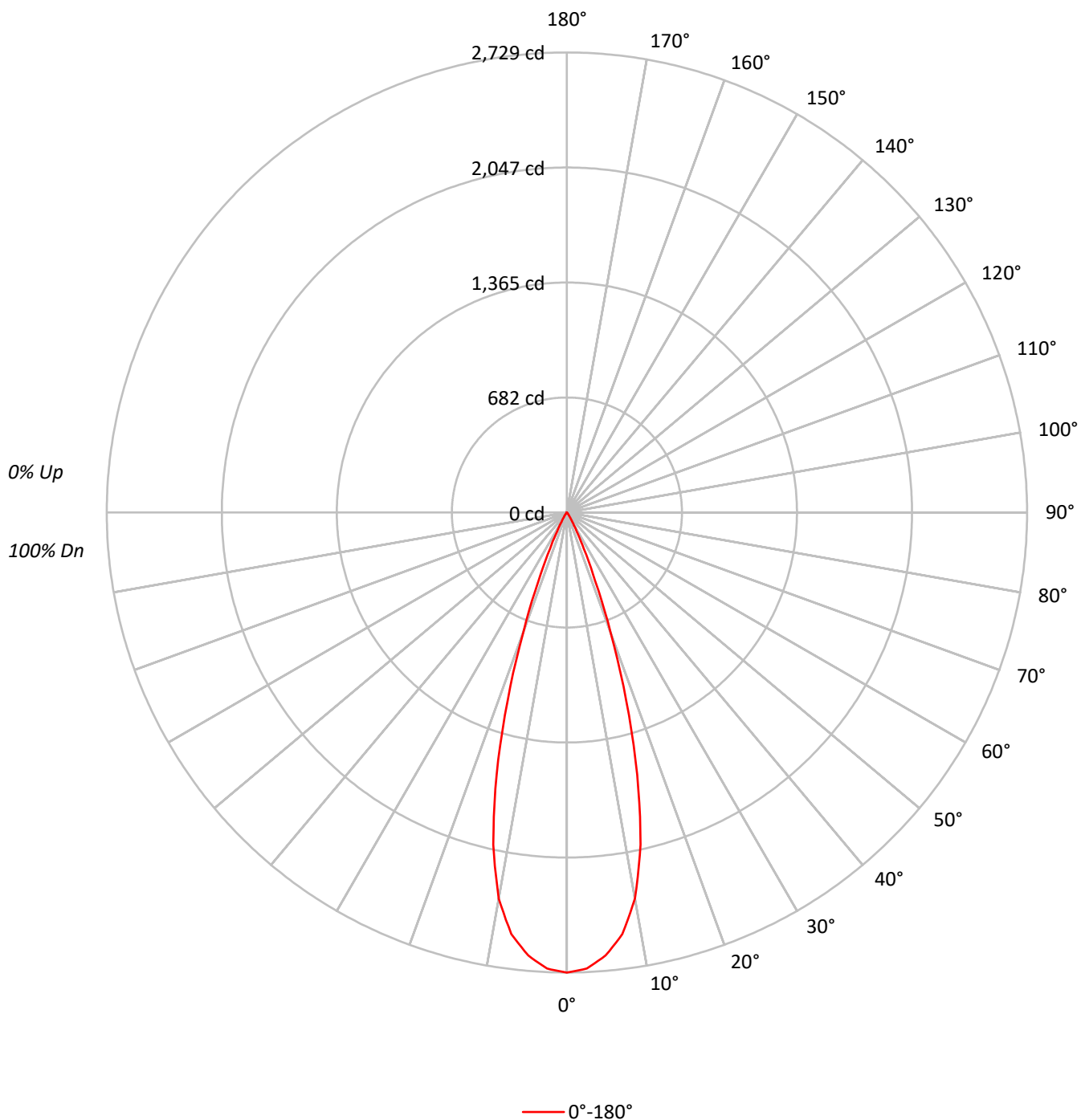
Lumens per Lamp: N/A
Luminaire Lumens: 817.0 lumens
Efficiency: N/A
Efficacy: 62.4 lumens/watt
Spacing Criteria (0/90/45): 0.55 / 0.55 / 0.5
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	109	113	111	109	108	107	105	104		103	102	101		100	99	98		97
2	111	108	105	102	109	106	103	101	103	101	99		100	98	97		97	96	95		93
3	108	103	99	97	106	102	98	96	99	97	94		97	95	93		95	93	92		90
4	104	99	95	92	103	98	94	92	96	93	90		94	92	89		92	90	89		87
5	101	95	91	88	100	94	91	88	93	90	87		91	89	86		90	88	86		85
6	98	92	88	85	97	91	87	85	90	87	84		89	86	83		88	85	83		82
7	95	89	85	82	94	88	84	82	87	84	81		86	83	81		85	83	80		79
8	93	86	82	79	92	86	82	79	85	81	79		84	81	78		83	80	78		77
9	90	83	79	77	89	83	79	76	82	79	76		82	78	76		81	78	76		75
10	88	81	77	74	87	81	77	74	80	76	74		79	76	74		79	76	74		73

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	598505
5°	580650
10°	517759
15°	365768
20°	176439
25°	57173
30°	16078
35°	6451
40°	1832
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°	242.3	29.7
10°-20°	425.8	52.1
20°-30°	130.9	16.0
30°-40°	17.0	2.1
40°-50°	1.0	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°	798.9	97.8
0°-40°	815.9	99.9
0°-60°	817.0	100.0
0°-90°	817.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	817.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2729	
5°	2638	242
15°	1611	426
25°	236	131
35°	24	17
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°	2729.4
2.5°	2707.8
5°	2637.9
7.5°	2522.3
10°	2325.3
12.5°	2017.8
15°	1611.2
17.5°	1169.0
20°	756.1
22.5°	438.4
25°	236.3
27.5°	124.5
30°	63.5
32.5°	38.1
35°	24.1
37.5°	15.2
40°	6.4
42.5°	2.5
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)