

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: P1304864

Luminaire Tested: P3RT02R35B2750DE010 E3CBUS1MW_3000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1304864
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: P3RT02R35B2750DE010 E3CBUS1MW_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R35 optic, 3000K CCT AND, 90CRI , E3CBUS1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

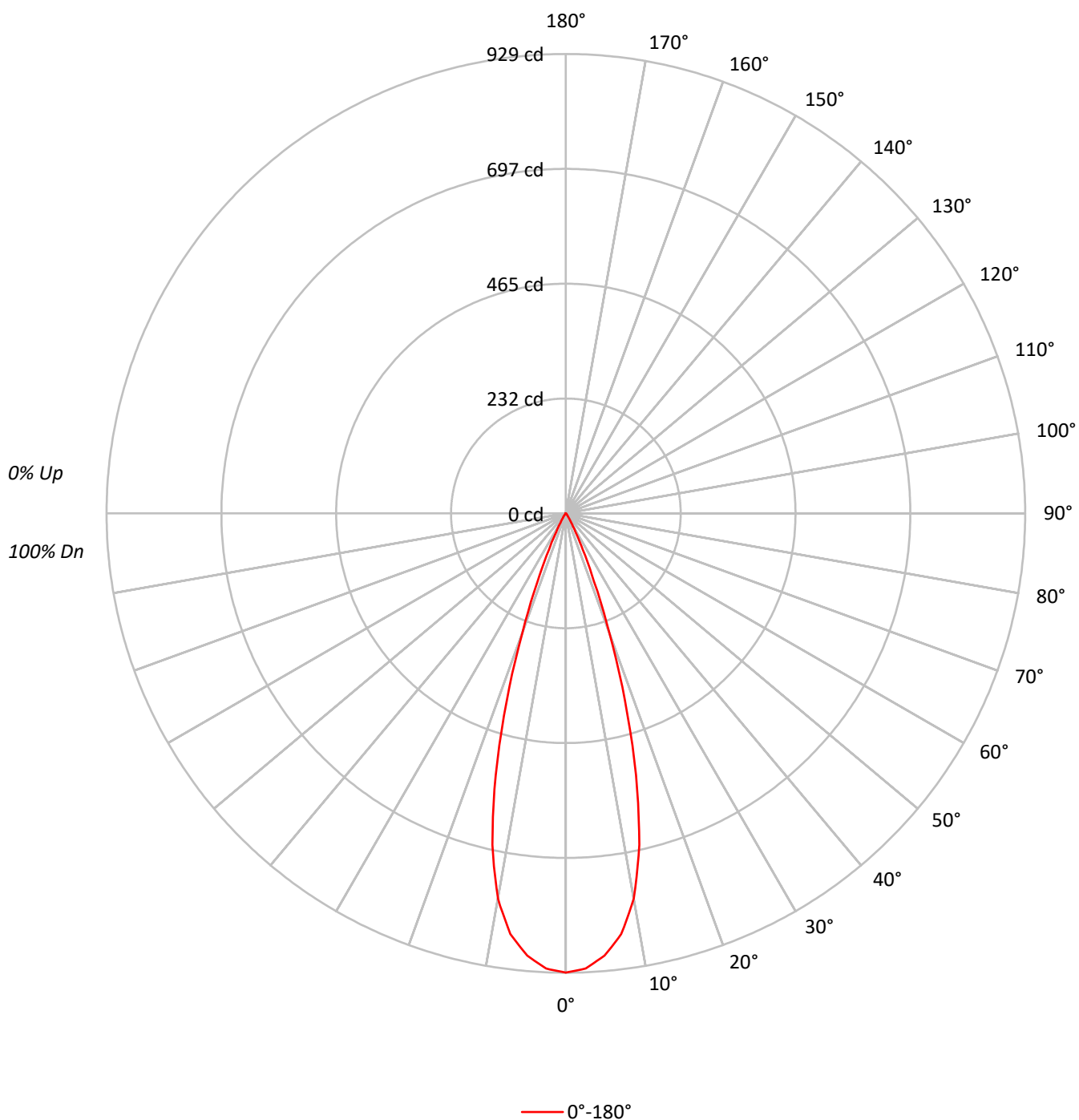
Lumens per Lamp: N/A
Luminaire Lumens: 278.0 lumens
Efficiency: N/A
Efficacy: 95.9 lumens/watt
Spacing Criteria (0/90/45): 0.55 / 0.55 / 0.5
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 2.9
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°	203646
5°	197578
10°	176171
15°	124450
20°	60042
25°	19453
30°	5469
35°	2195
40°	630
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°	82.4	29.7
10°-20°	144.9	52.1
20°-30°	44.5	16.0
30°-40°	5.8	2.1
40°-50°	0.4	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°	271.9	97.8
0°-40°	277.7	99.9
0°-60°	278.0	100.0
0°-90°	278.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	278.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	929	
5°	898	82
15°	548	145
25°	80	45
35°	8	6
45°	0	0
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	928.7
2.5°	921.4
5°	897.6
7.5°	858.3
10°	791.2
12.5°	686.6
15°	548.2
17.5°	397.8
20°	257.3
22.5°	149.2
25°	80.4
27.5°	42.4
30°	21.6
32.5°	13.0
35°	8.2
37.5°	5.2
40°	2.2
42.5°	0.9
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)