

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: P1304865

Luminaire Tested: P3DUS02R35B2750DE010 E3CBUS1MW_3500K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1304865
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: P3DUS02R35B2750DE010 E3CBUS1MW_3500K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R35 optic, 3500K CCT AND, 80CRI , E3CBUS1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

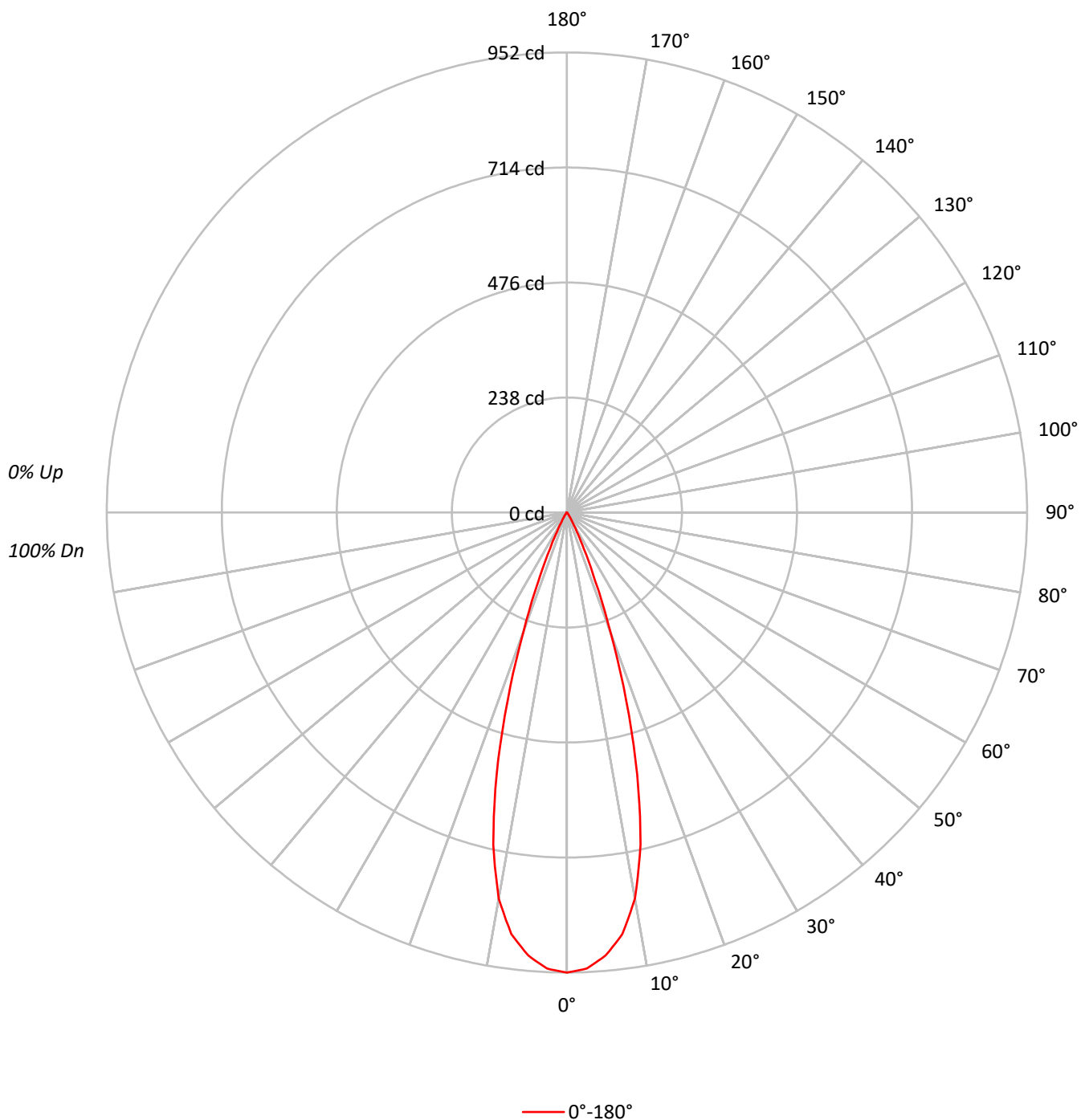
Lumens per Lamp: N/A
Luminaire Lumens: 285.0 lumens
Efficiency: N/A
Efficacy: 98.3 lumens/watt
Spacing Criteria (0/90/45): 0.55 / 0.55 / 0.5
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	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°	208777
5°	202553
10°	180625
15°	127606
20°	61535
25°	19937
30°	5621
35°	2249
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°	84.5	29.7
10°-20°	148.5	52.1
20°-30°	45.6	16.0
30°-40°	5.9	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°	278.7	97.8
0°-40°	284.6	99.9
0°-60°	285.0	100.0
0°-90°	285.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	285.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	952	
5°	920	85
15°	562	149
25°	82	46
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°	952.1
2.5°	944.6
5°	920.2
7.5°	879.9
10°	811.2
12.5°	703.9
15°	562.1
17.5°	407.8
20°	263.7
22.5°	152.9
25°	82.4
27.5°	43.4
30°	22.2
32.5°	13.3
35°	8.4
37.5°	5.3
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)