

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: P1304886

Luminaire Tested: P3DUS02R55B2750DE010 E3CBUS1MW_4000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1304886
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-92)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3DUS02R55B2750DE010 E3CBUS1MW_4000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R55 optic, 4000K CCT AND, 80CRI , E3CBUS1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

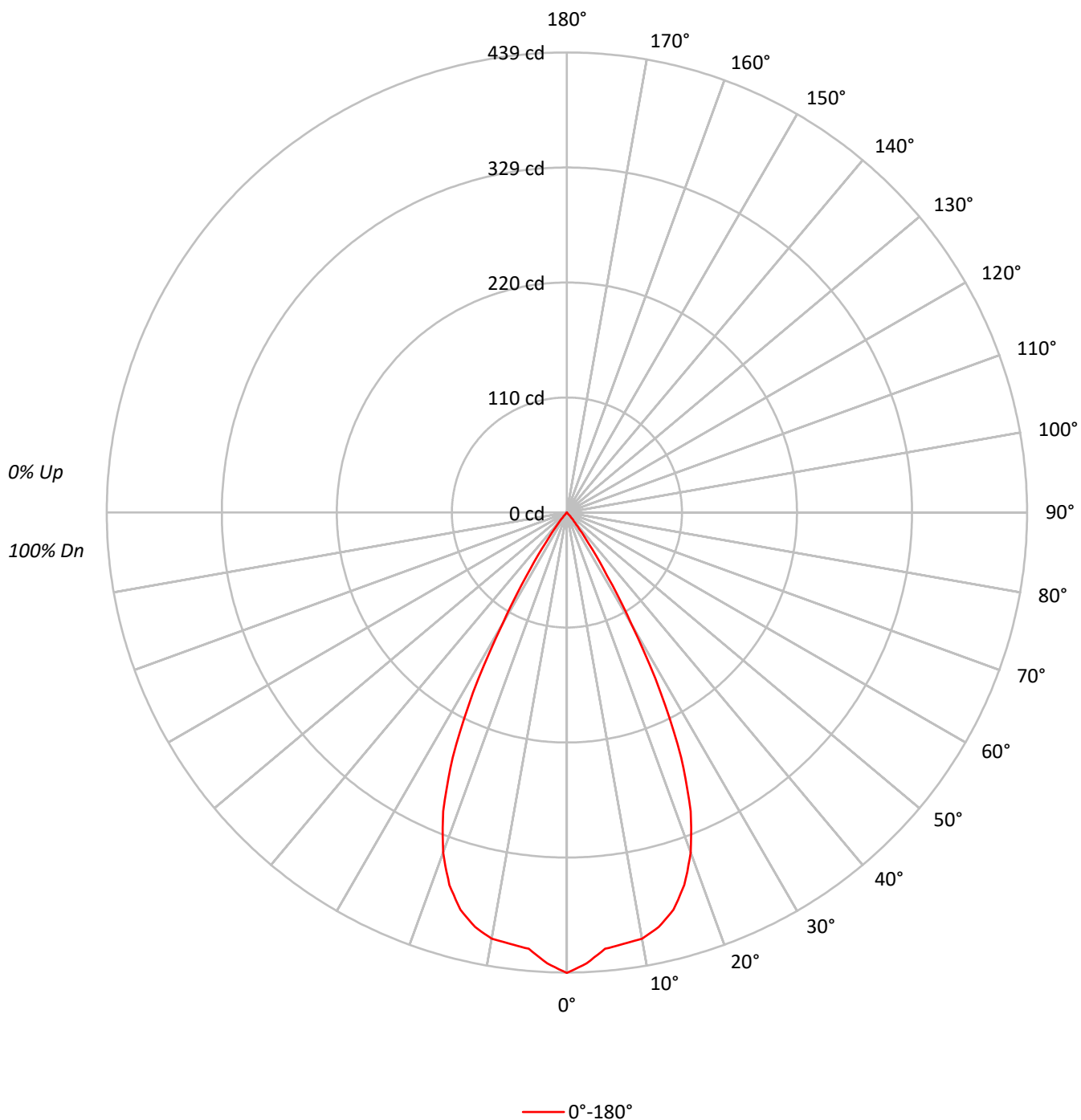
Lumens per Lamp: N/A
Luminaire Lumens: 290.0 lumens
Efficiency: N/A
Efficacy: 100.0 lumens/watt
Spacing Criteria (0/90/45): 0.87 / 0.87 / 0.77
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1304886

CATALOG NUMBER: P3DUS02R55B2750DE010 E3CBUS1MW_4000K

Luminous Intensity Polar Plot





TEST NUMBER: P1304886

CATALOG NUMBER: P3DUS02R55B2750DE010 E3CBUS1MW_4000K

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	114	112	110	108	112	110	108	106	106	104	103	102	101	100	98	98	97	95			
2	109	105	102	99	107	103	100	97	100	98	95	97	95	93	95	93	91	90			
3	105	99	95	91	103	98	94	91	95	92	89	93	90	88	91	88	87	85			
4	100	94	89	85	99	93	88	85	91	87	84	89	86	83	87	84	82	81			
5	96	89	84	80	95	88	83	80	86	82	79	85	81	78	83	80	78	76			
6	92	84	79	75	91	84	79	75	82	78	75	81	77	74	80	76	74	73			
7	88	80	75	71	87	80	75	71	78	74	71	77	73	70	76	73	70	69			
8	85	76	71	68	84	76	71	67	75	70	67	74	70	67	73	69	67	65			
9	81	73	68	64	80	72	67	64	72	67	64	71	67	64	70	66	64	62			
10	78	70	64	61	77	69	64	61	68	64	61	68	64	61	67	63	61	59			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	96352
5°	91987
10°	91960
15°	89081
20°	80600
25°	62399
30°	31271
35°	9423
40°	2004
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

TEST NUMBER: P1304886

CATALOG NUMBER: P3DUS02R55B2750DE010 E3CBUS1MW_4000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	39.9	13.8
10°-20°	108.8	37.5
20°-30°	112.1	38.6
30°-40°	28.2	9.7
40°-50°	1.0	0.3
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°	260.8	89.9
0°-40°	289.0	99.7
0°-60°	290.0	100.0
0°-90°	290.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	290.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	439	
5°	418	40
15°	392	109
25°	258	112
35°	35	28
45°	0	1
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	



TEST NUMBER: P1304886

CATALOG NUMBER: P3DUS02R55B2750DE010 E3CBUS1MW_4000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	439.4
2.5°	430.6
5°	417.9
7.5°	415.2
10°	413.0
12.5°	405.1
15°	392.4
17.5°	372.6
20°	345.4
22.5°	308.5
25°	257.9
27.5°	193.8
30°	123.5
32.5°	71.6
35°	35.2
37.5°	16.7
40°	7.0
42.5°	1.8
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)