

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: P1304862

Luminaire Tested: P3RT02R30B2750DE010 E3CBUS1MW_5000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1304862
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: P3RT02R30B2750DE010 E3CBUS1MW_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R30 optic, 5000K CCT AND, 80CRI , E3CBUS1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

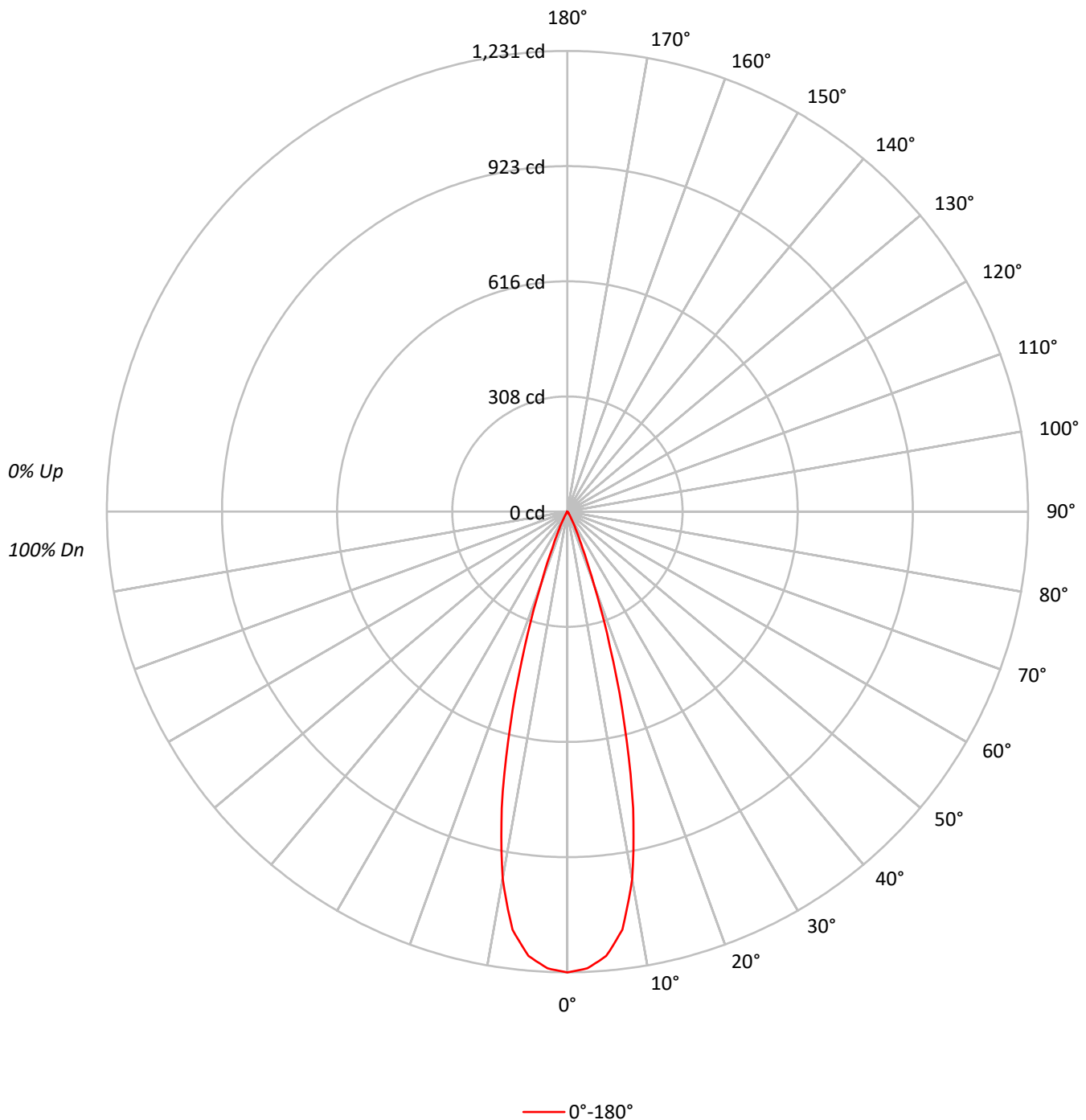
Lumens per Lamp: N/A
Luminaire Lumens: 301.0 lumens
Efficiency: N/A
Efficacy: 103.8 lumens/watt
Spacing Criteria (0/90/45): 0.5 / 0.5 / 0.45
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 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: P1304862

CATALOG NUMBER: P3RT02R30B2750DE010 E3CBUS1MW_5000K

Luminous Intensity Polar Plot





TEST NUMBER: P1304862

CATALOG NUMBER: P3RT02R30B2750DE010 E3CBUS1MW_5000K

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°	270000
5°	262337
10°	222040
15°	133735
20°	48164
25°	13525
30°	3570
35°	1392
40°	544
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: P1304862

CATALOG NUMBER: P3RT02R30B2750DE010 E3CBUS1MW_5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	107.8	35.8
10°-20°	156.8	52.1
20°-30°	32.4	10.8
30°-40°	3.8	1.3
40°-50°	0.3	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°	297.0	98.7
0°-40°	300.8	99.9
0°-60°	301.0	100.0
0°-90°	301.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	301.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1231	
5°	1192	108
15°	589	157
25°	56	32
35°	5	4
45°	0	0
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	

TEST NUMBER: P1304862

CATALOG NUMBER: P3RT02R30B2750DE010 E3CBUS1MW_5000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	1231.3
2.5°	1221.4
5°	1191.8
7.5°	1126.4
10°	997.2
12.5°	811.5
15°	589.1
17.5°	377.0
20°	206.4
22.5°	103.4
25°	55.9
27.5°	30.6
30°	14.1
32.5°	8.5
35°	5.2
37.5°	3.3
40°	1.9
42.5°	0.5
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)