

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: P1305042

Luminaire Tested: P3DUS13R30B2750DE010 E3CBUS1MW_5000K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1305042
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: P3DUS13R30B2750DE010 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

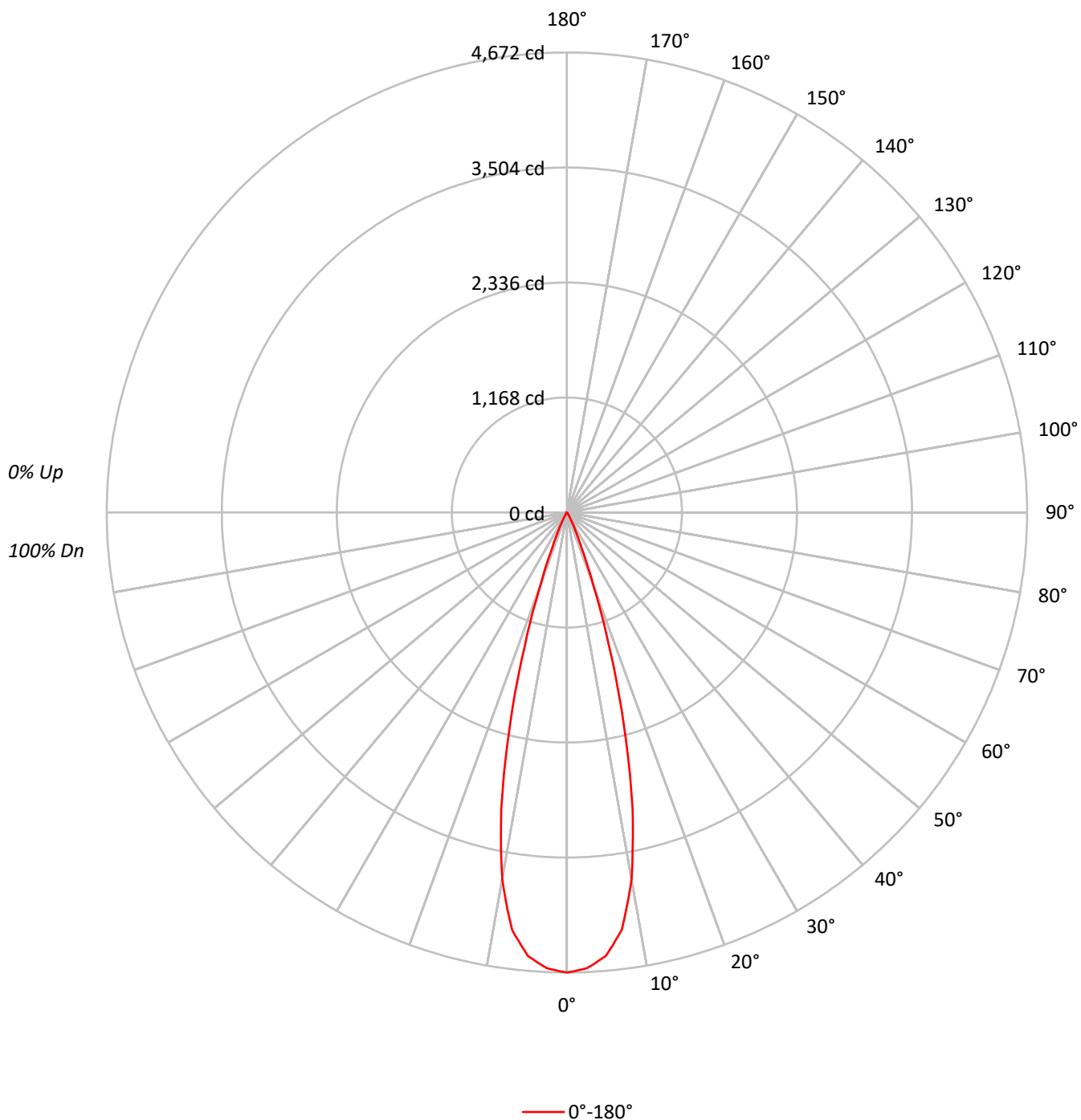
Lumens per Lamp: N/A
Luminaire Lumens: 1142.0 lumens
Efficiency: N/A
Efficacy: 59.8 lumens/watt
Spacing Criteria (0/90/45): 0.5 / 0.5 / 0.45
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 19.1
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

TEST NUMBER: P1305042

CATALOG NUMBER: P3DUS13R30B2750DE010 E3CBUS1MW_5000K

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	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°	1024370
5°	995309
10°	842380
15°	507381
20°	182716
25°	51366
30°	13546
35°	5247
40°	2032
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: P1305042

CATALOG NUMBER: P3DUS13R30B2750DE010 E3CBUS1MW_5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	409.1	35.8
10°-20°	594.7	52.1
20°-30°	122.8	10.8
30°-40°	14.3	1.3
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°	1126.7	98.7
0°-40°	1141.0	99.9
0°-60°	1142.0	100.0
0°-90°	1142.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1142.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	4672	
5°	4522	409
15°	2235	595
25°	212	123
35°	20	14
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°	4671.5
2.5°	4634.1
5°	4521.7
7.5°	4273.8
10°	3783.2
12.5°	3078.7
15°	2235.0
17.5°	1430.5
20°	783.0
22.5°	392.4
25°	212.3
27.5°	115.9
30°	53.5
32.5°	32.1
35°	19.6
37.5°	12.5
40°	7.1
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)