

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: P1305028

Luminaire Tested: P3DUS13R20B2750DE010 E3CBUS1MW_2700K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1305028
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-86)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3DUS13R20B2750DE010 E3CBUS1MW_2700K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R20 optic, 2700K CCT AND, 90CRI , E3CBUS1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

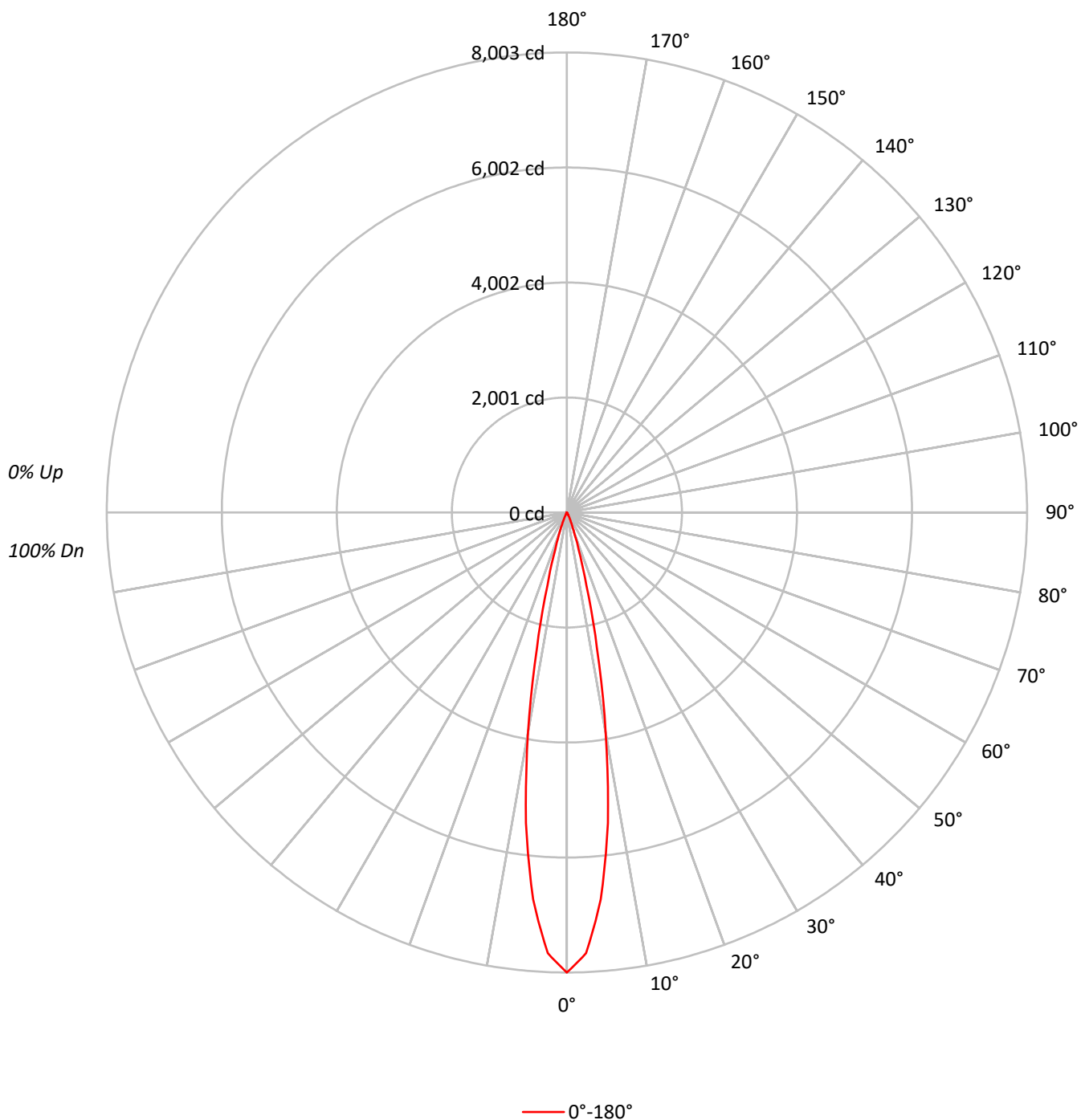
Lumens per Lamp: N/A
Luminaire Lumens: 1036.0 lumens
Efficiency: N/A
Efficacy: 54.2 lumens/watt
Spacing Criteria (0/90/45): 0.34 / 0.34 / 0.33
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1305028

CATALOG NUMBER: P3DUS13R20B2750DE010 E3CBUS1MW_2700K

Luminous Intensity Polar Plot



TEST NUMBER: P1305028

CATALOG NUMBER: P3DUS13R20B2750DE010 E3CBUS1MW_2700K

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	116	114	112	111	113	112	110	109	108	107	106	104	103	102	101	100	100	98		
2	113	109	107	105	111	108	106	104	105	103	101	102	101	99	99	98	97	96		
3	110	106	103	100	108	105	102	100	102	100	98	100	98	97	98	96	95	94		
4	107	103	99	97	106	102	99	96	100	97	95	98	96	94	96	95	93	92		
5	105	100	97	94	104	99	96	94	98	95	93	96	94	92	95	93	91	91		
6	103	98	94	92	102	97	94	91	96	93	91	95	92	90	93	91	90	89		
7	101	95	92	90	100	95	92	89	94	91	89	93	90	89	92	90	88	87		
8	99	93	90	88	98	93	90	88	92	89	87	91	89	87	91	88	87	86		
9	97	92	88	86	96	91	88	86	90	88	86	90	87	85	89	87	85	84		
10	95	90	87	85	95	90	86	84	89	86	84	88	86	84	88	86	84	83		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1754991
5°	1486965
10°	864869
15°	296960
20°	85547
25°	26203
30°	7166
35°	4015
40°	1918
45°	527
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: 527 cd/sqm

TEST NUMBER: P1305028

CATALOG NUMBER: P3DUS13R20B2750DE010 E3CBUS1MW_2700K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	553.0	53.4
10°-20°	411.6	39.7
20°-30°	60.3	5.8
30°-40°	9.6	0.9
40°-50°	1.5	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°	1024.9	98.9
0°-40°	1034.5	99.9
0°-60°	1036.0	100.0
0°-90°	1036.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1036.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	8003	
5°	6755	553
15°	1308	412
25°	108	60
35°	15	10
45°	2	2
55°	0	0
65°	0	0
75°	0	0
85°	0	0
90°	0	



TEST NUMBER: P1305028

CATALOG NUMBER: P3DUS13R20B2750DE010 E3CBUS1MW_2700K

CANDELA DISTRIBUTION (FULL):

0°	
0°	8003.4
2.5°	7673.5
5°	6755.3
7.5°	5450.6
10°	3884.2
12.5°	2411.2
15°	1308.1
17.5°	676.5
20°	366.6
22.5°	201.6
25°	108.3
27.5°	51.7
30°	28.3
32.5°	20.0
35°	15.0
37.5°	10.0
40°	6.7
42.5°	3.3
45°	1.7
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)