

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: P1285312

Luminaire Tested: P3AS13R50B2750DE010 E3CD1MW_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1285312
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-32)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R50B2750DE010 E3CD1MW_2700K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R50 optic, 2700K CCT AND, 90CRI , E3CD1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

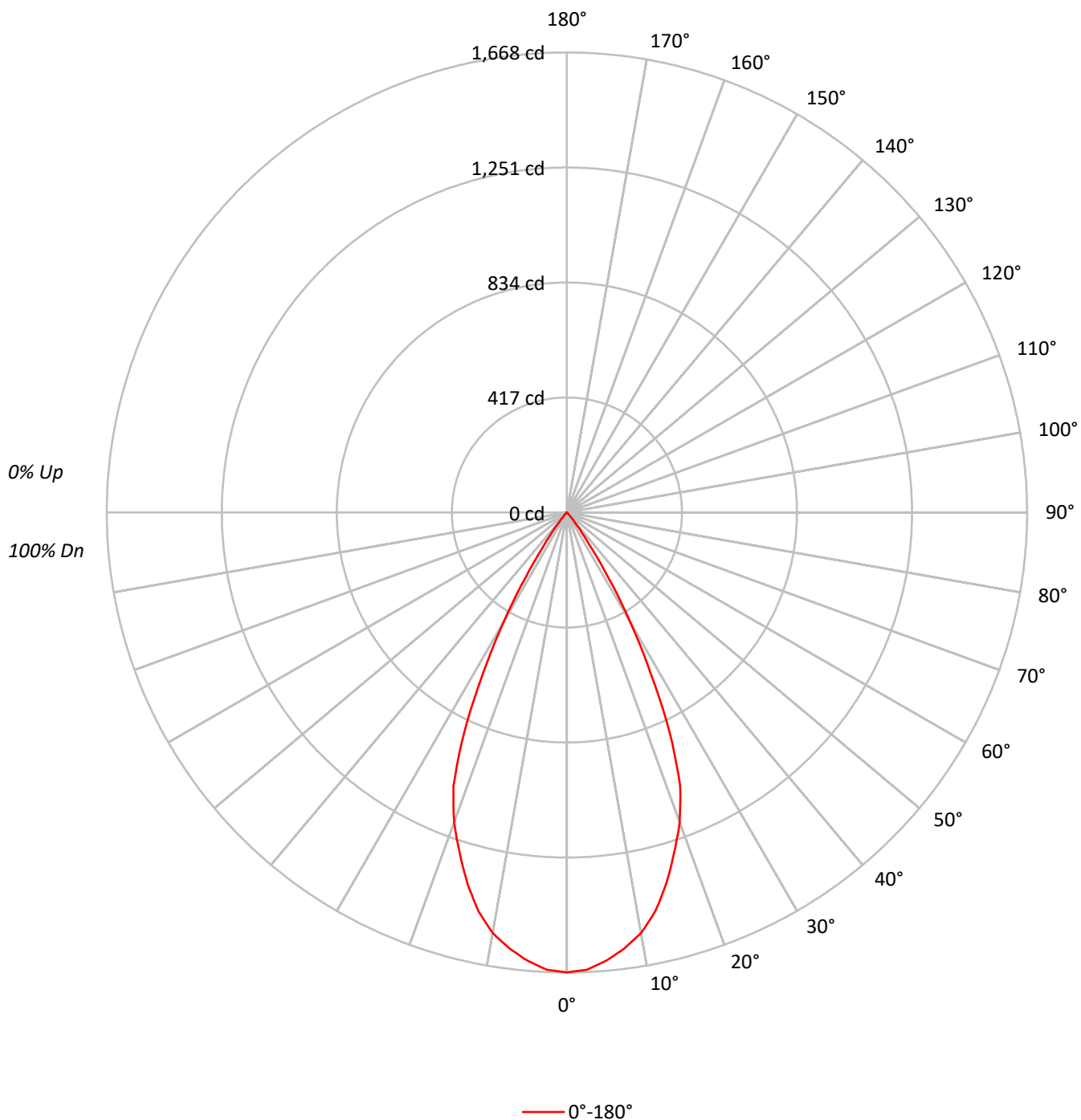
Lumens per Lamp: N/A
Luminaire Lumens: 1050.0 lumens
Efficiency: N/A
Efficacy: 55.0 lumens/watt
Spacing Criteria (0/90/45): 0.84 / 0.84 / 0.76
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1285312

CATALOG NUMBER: P3AS13R50B2750DE010 E3CD1MW_2700K

Luminous Intensity Polar Plot



TEST NUMBER: P1285312

CATALOG NUMBER: P3AS13R50B2750DE010 E3CD1MW_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
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	114	112	109	107		112	109	107	106		105	104	102		102	101	99		98	97	96
2	109	105	101	98		107	103	100	97		100	97	95		97	95	93		94	93	91
3	105	99	95	91		103	98	94	90		95	92	89		93	90	88		91	88	86
4	100	94	89	85		99	92	88	85		90	87	84		88	85	83		87	84	82
5	96	89	84	80		94	88	83	79		86	82	79		84	81	78		83	80	77
6	92	84	79	75		91	83	79	75		82	78	74		81	77	74		79	76	73
7	88	80	75	71		87	79	74	71		78	74	71		77	73	70		76	73	70
8	85	76	71	67		83	76	71	67		75	70	67		74	70	67		73	69	66
9	81	73	68	64		80	72	67	64		71	67	64		71	66	63		70	66	63
10	78	69	64	61		77	69	64	61		68	64	61		68	63	61		67	63	60

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	365672
5°	359145
10°	344839
15°	316211
20°	278834
25°	213714
30°	116195
35°	37397
40°	8788
45°	1178
50°	1058
55°	1185
60°	1009
65°	1193
70°	962
75°	1271
80°	1010
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 85°
Luminance: 2013 cd/sqm

TEST NUMBER: P1285312

CATALOG NUMBER: P3AS13R50B2750DE010 E3CD1MW_2700K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	153.1	14.6
10°-20°	387.2	36.9
20°-30°	387.8	36.9
30°-40°	109.0	10.4
40°-50°	6.6	0.6
50°-60°	2.5	0.2
60°-70°	2.0	0.2
70°-80°	1.3	0.1
80°-90°	0.5	0.1
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°	928.1	88.4
0°-40°	1037.1	98.8
0°-60°	1046.2	99.6
0°-90°	1050.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1050.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	1668	
5°	1632	153
15°	1393	387
25°	883	388
35°	140	109
45°	4	7
55°	3	3
65°	2	2
75°	2	1
85°	1	1
90°	0	

TEST NUMBER: P1285312

CATALOG NUMBER: P3AS13R50B2750DE010 E3CD1MW_2700K

CANDELA DISTRIBUTION (FULL):

0°	
0°	1667.6
2.5°	1659.2
5°	1631.6
7.5°	1594.0
10°	1548.7
12.5°	1480.4
15°	1392.9
17.5°	1292.4
20°	1194.9
22.5°	1073.7
25°	883.3
27.5°	657.7
30°	458.9
32.5°	277.0
35°	139.7
37.5°	66.0
40°	30.7
42.5°	11.5
45°	3.8
47.5°	3.1
50°	3.1
52.5°	3.1
55°	3.1
57.5°	2.3
60°	2.3
62.5°	2.3
65°	2.3
67.5°	1.5
70°	1.5
72.5°	1.5
75°	1.5
77.5°	0.8
80°	0.8
82.5°	0.8
85°	0.8
87.5°	0.0
90°	0.0

(END OF REPORT)