

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: P1284847

Luminaire Tested: P3AS13R30B2750DE010 E3DLP1MW_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1284847
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-13)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R30B2750DE010 E3DLP1MW_2700K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R30 optic, 2700K CCT AND, 90CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

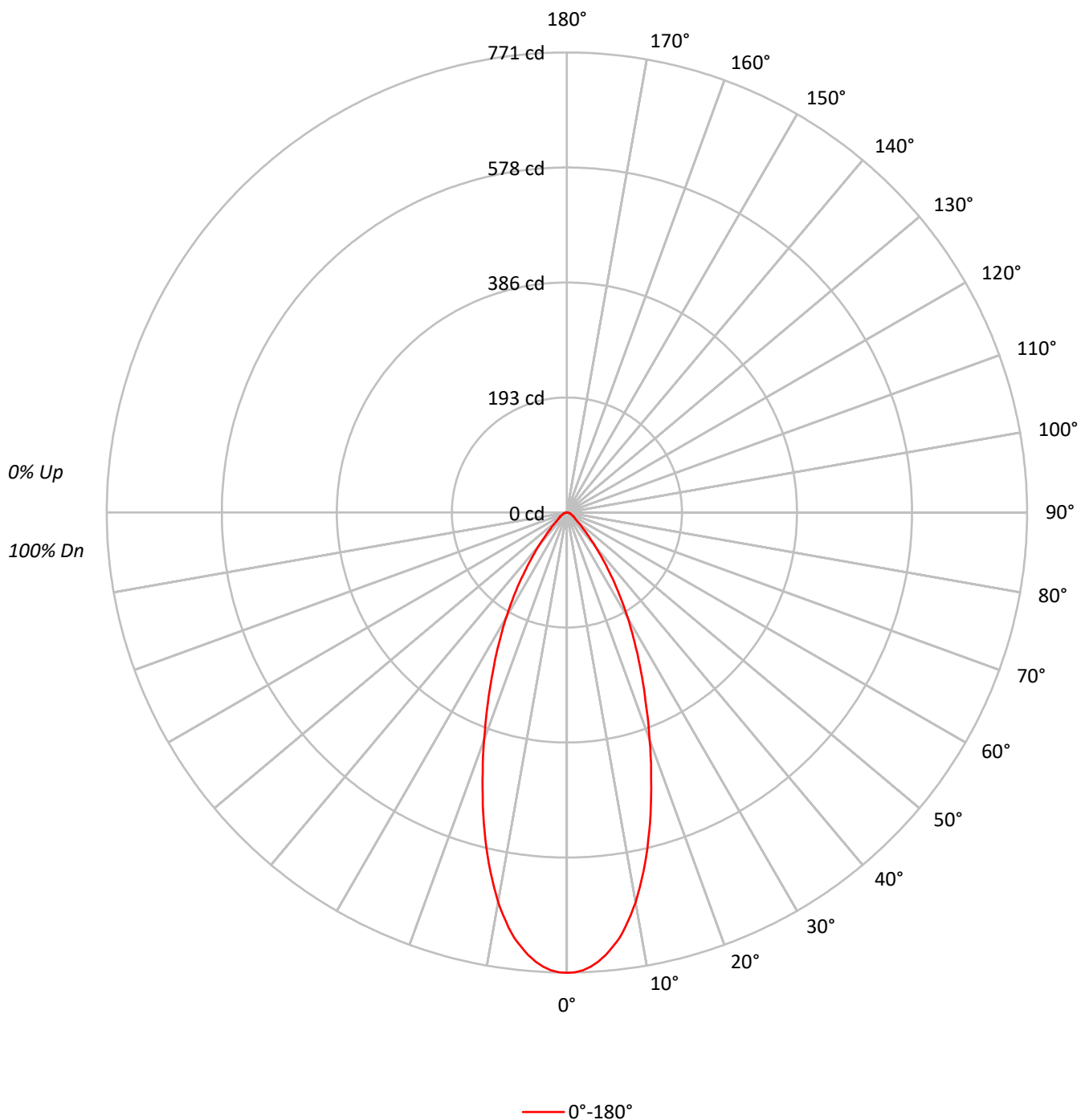
Lumens per Lamp: N/A
Luminaire Lumens: 495.0 lumens
Efficiency: N/A
Efficacy: 25.9 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1284847

CATALOG NUMBER: P3AS13R30B2750DE010 E3DLP1MW_2700K

Luminous Intensity Polar Plot



TEST NUMBER: P1284847

CATALOG NUMBER: P3AS13R30B2750DE010 E3DLP1MW_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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	113	110	108	105	111	108	106	104	104	102	100		100	99	97		97
2	107	102	98	95	105	101	97	94	97	94	92		94	92	90		92
3	102	95	90	86	100	94	89	85	91	87	84		89	86	83		87
4	97	89	84	79	95	88	83	79	86	81	78		84	80	77		82
5	92	84	78	73	90	83	77	73	81	76	72		79	75	72		78
6	88	79	73	68	86	78	72	68	76	71	68		75	71	67		74
7	83	74	68	64	82	74	68	64	72	67	63		71	67	63		70
8	80	70	64	60	78	70	64	60	69	63	60		67	63	60		67
9	76	67	61	57	75	66	60	57	65	60	56		64	60	56		63
10	73	63	58	54	72	63	57	54	62	57	54		61	57	53		61

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	169153
5°	163878
10°	147670
15°	122157
20°	94578
25°	70940
30°	51502
35°	34318
40°	21097
45°	12373
50°	7607
55°	6155
60°	5394
65°	4358
70°	3911
75°	3897
80°	2904
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 12373 cd/sqm

TEST NUMBER: P1284847

CATALOG NUMBER: P3AS13R30B2750DE010 E3DLP1MW_2700K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	68.5	13.8
10°-20°	148.2	29.9
20°-30°	134.8	27.2
30°-40°	81.5	16.5
40°-50°	32.7	6.6
50°-60°	14.5	2.9
60°-70°	8.7	1.8
70°-80°	4.7	1.0
80°-90°	1.3	0.3
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°	351.5	71.0
0°-40°	433.0	87.5
0°-60°	480.2	97.0
0°-90°	495.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	495.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	771	
5°	744	68
15°	538	148
25°	293	135
35°	128	82
45°	40	33
55°	16	14
65°	8	9
75°	5	5
85°	2	1
90°	0	

TEST NUMBER: P1284847

CATALOG NUMBER: P3AS13R30B2750DE010 E3DLP1MW_2700K

CANDELA DISTRIBUTION (FULL):

0°	
0°	771.4
1°	770.6
2°	767.6
3°	762.2
4°	754.5
5°	744.5
6°	732.2
7°	719.2
8°	702.3
9°	683.1
10°	663.2
11°	640.1
12°	615.6
13°	591.0
14°	564.2
15°	538.1
17.5°	469.7
20°	405.3
22.5°	345.4
25°	293.2
27.5°	245.6
30°	203.4
32.5°	164.3
35°	128.2
37.5°	98.2
40°	73.7
42.5°	53.7
45°	39.9
47.5°	29.9
50°	22.3
52.5°	17.7
55°	16.1
57.5°	13.8
60°	12.3
62.5°	10.0
65°	8.4
67.5°	7.7
70°	6.1
72.5°	5.4
75°	4.6
77.5°	3.8
80°	2.3
82.5°	1.5
85°	1.5
87.5°	0.8



TEST NUMBER: P1284847

CATALOG NUMBER: P3AS13R30B2750DE010 E3DLP1MW_2700K

CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)