

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: P1285711

Luminaire Tested: P3AS13R60B2750DE010 E3DLP1MW_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1285711
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-37)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R60B2750DE010 E3DLP1MW_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R60 optic, 5000K CCT AND, 80CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

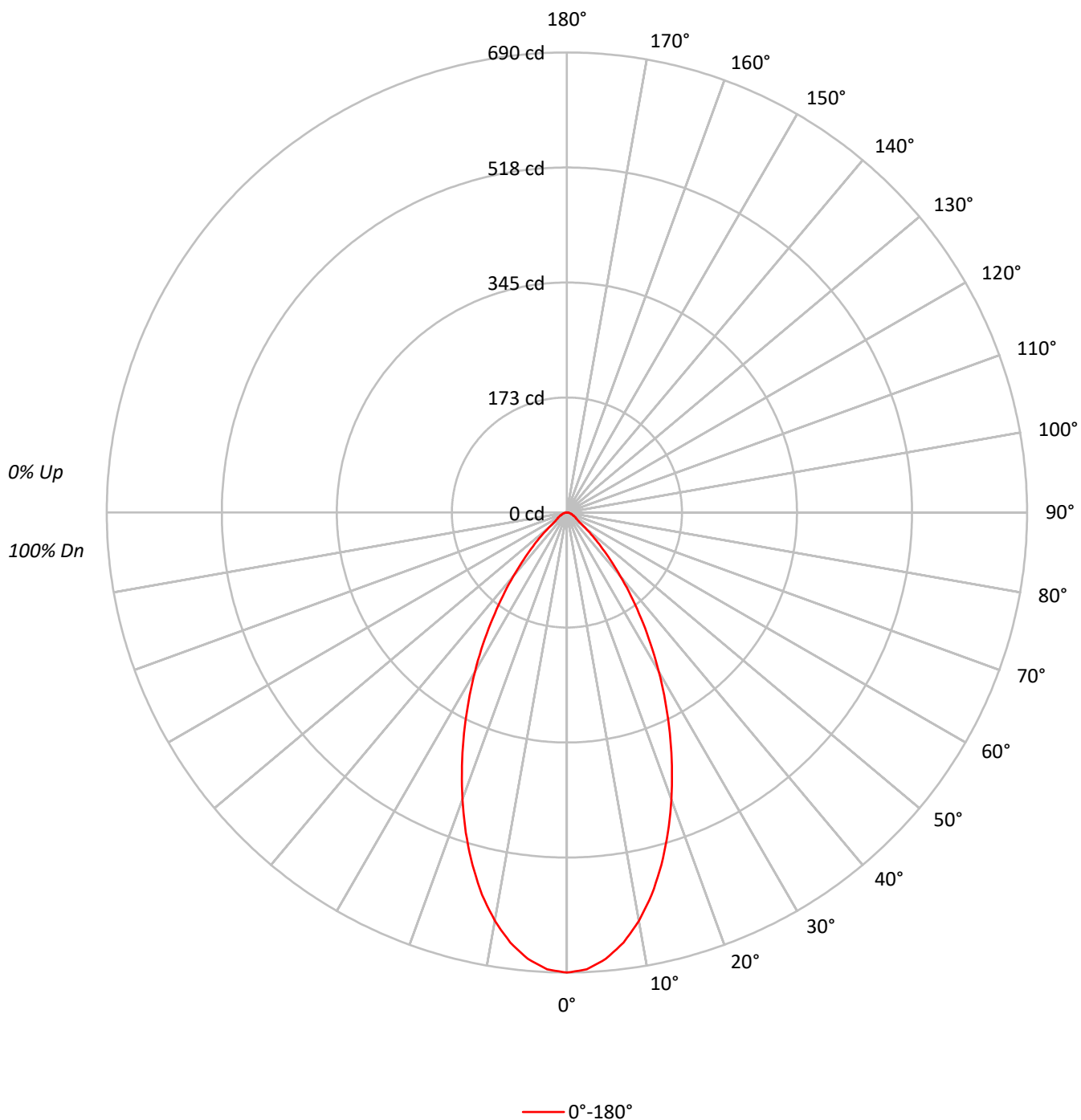
Lumens per Lamp: N/A
Luminaire Lumens: 597.0 lumens
Efficiency: N/A
Efficacy: 31.3 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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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
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	107	105	110	108	105	103	104	102	100		100	98	97		96
2	107	101	97	93	104	100	96	92	96	93	90		93	91	88		91
3	101	94	88	84	99	92	87	83	90	86	82		87	84	81		85
4	95	87	81	77	93	86	80	76	84	79	75		82	78	74		80
5	90	81	75	70	88	80	74	70	78	73	69		77	72	69		75
6	85	76	69	65	84	75	69	65	73	68	64		72	67	64		71
7	81	71	65	60	79	70	64	60	69	64	60		68	63	59		67
8	77	67	60	56	75	66	60	56	65	60	56		64	59	55		63
9	73	63	57	52	72	62	56	52	61	56	52		60	55	52		60
10	69	59	53	49	68	59	53	49	58	53	49		57	52	49		56

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	151304
5°	147897
10°	138474
15°	124223
20°	106829
25°	88336
30°	69808
35°	51825
40°	35695
45°	22390
50°	12315
55°	7226
60°	6491
65°	5552
70°	4744
75°	4829
80°	4167
85°	4026

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 22390 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	62.6	10.5
10°-20°	152.0	25.5
20°-30°	166.7	27.9
30°-40°	121.4	20.3
40°-50°	57.4	9.6
50°-60°	18.8	3.1
60°-70°	10.7	1.8
70°-80°	5.7	1.0
80°-90°	1.8	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°	381.2	63.9
0°-40°	502.7	84.2
0°-60°	578.8	97.0
0°-90°	597.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	597.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	690	
5°	672	63
15°	547	152
25°	365	167
35°	194	121
45°	72	57
55°	19	19
65°	11	11
75°	6	6
85°	2	2
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	690.0
2.5°	685.9
5°	671.9
7.5°	650.6
10°	621.9
12.5°	587.4
15°	547.2
17.5°	503.7
20°	457.8
22.5°	411.0
25°	365.1
27.5°	319.1
30°	275.7
32.5°	233.8
35°	193.6
37.5°	157.5
40°	124.7
42.5°	96.0
45°	72.2
47.5°	52.5
50°	36.1
52.5°	23.8
55°	18.9
57.5°	16.4
60°	14.8
62.5°	12.3
65°	10.7
67.5°	9.0
70°	7.4
72.5°	6.6
75°	5.7
77.5°	4.1
80°	3.3
82.5°	2.5
85°	1.6
87.5°	0.8
90°	0.0

(END OF REPORT)