

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: P1285650

Luminaire Tested: P3AS13R60B2750DE010 E3DL1MW_4000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1285650
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-39)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R60B2750DE010 E3DL1MW_4000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R60 optic, 4000K CCT AND, 80CRI , E3DL1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

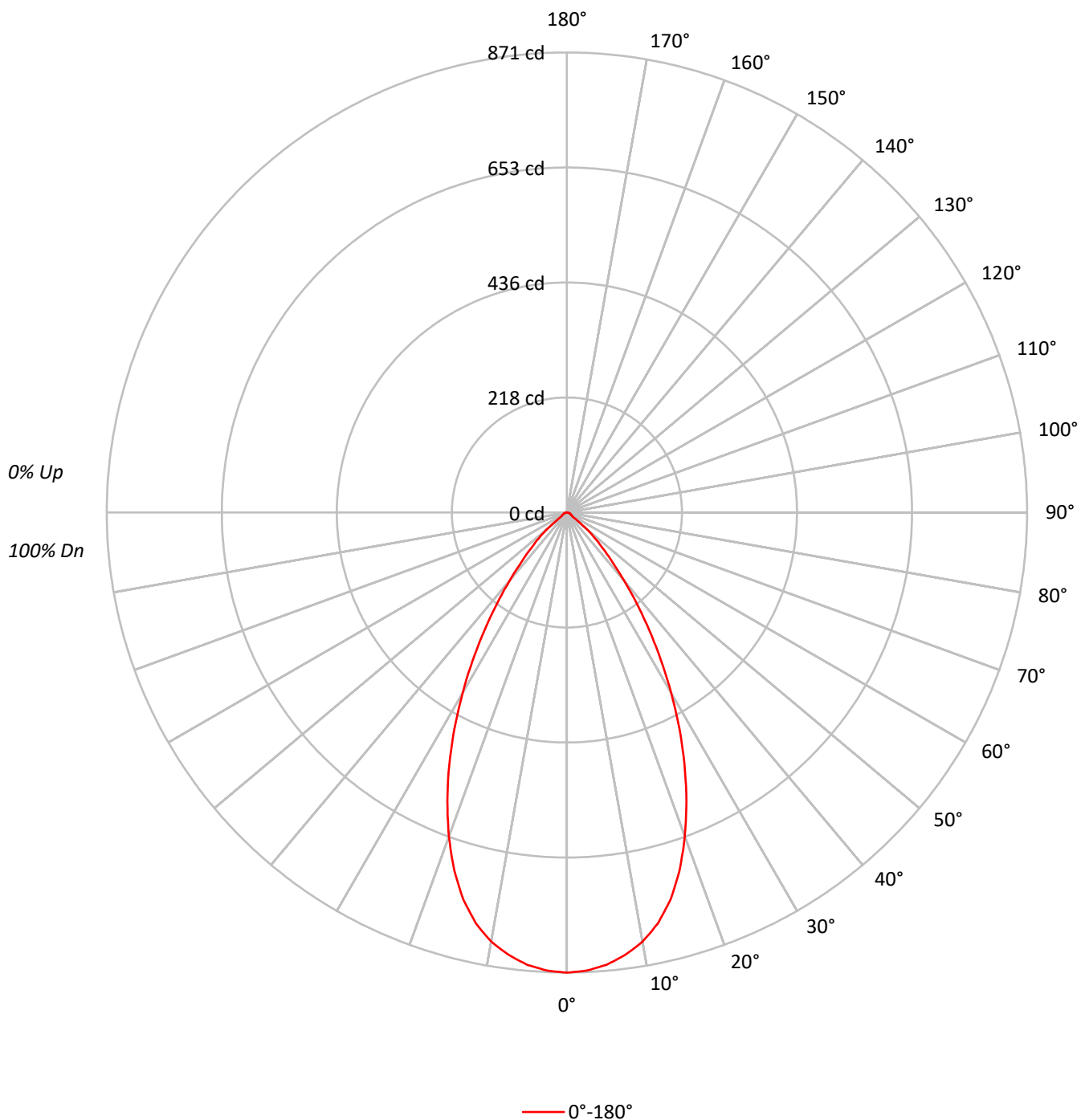
Lumens per Lamp: N/A
Luminaire Lumens: 809.0 lumens
Efficiency: N/A
Efficacy: 42.4 lumens/watt
Spacing Criteria (0/90/45): 0.87 / 0.87 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1285650

CATALOG NUMBER: P3AS13R60B2750DE010 E3DL1MW_4000K

Luminous Intensity Polar Plot





TEST NUMBER: P1285650

CATALOG NUMBER: P3AS13R60B2750DE010 E3DL1MW_4000K

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	103	104	102	100		100	99	97		97
2	107	102	98	94	105	100	96	93	97	94	91		94	91	89		91
3	101	95	89	85	99	93	88	84	91	86	83		88	85	82		86
4	96	88	82	78	94	87	81	77	85	80	76		83	79	75		81
5	91	82	76	71	89	81	75	71	79	74	70		78	73	70		76
6	86	77	70	66	84	76	70	66	74	69	65		73	68	65		72
7	82	72	66	61	80	71	65	61	70	65	61		69	64	60		67
8	77	68	61	57	76	67	61	57	66	60	57		65	60	56		64
9	74	64	57	53	72	63	57	53	62	57	53		61	56	53		60
10	70	60	54	50	69	60	54	50	59	53	50		58	53	50		57

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	191037
5°	189214
10°	183697
15°	172101
20°	152333
25°	127435
30°	99863
35°	72464
40°	48205
45°	30050
50°	16272
55°	4702
60°	4386
65°	3995
70°	3975
75°	3897
80°	3915
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 30050 cd/sqm

TEST NUMBER: P1285650

CATALOG NUMBER: P3AS13R60B2750DE010 E3DL1MW_4000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	80.9	10.0
10°-20°	210.3	26.0
20°-30°	239.7	29.6
30°-40°	170.0	21.0
40°-50°	77.1	9.5
50°-60°	16.4	2.0
60°-70°	7.9	1.0
70°-80°	4.9	0.6
80°-90°	1.7	0.2
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°	531.0	65.6
0°-40°	701.0	86.7
0°-60°	794.6	98.2
0°-90°	809.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	809.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	871	
5°	860	81
15°	758	210
25°	527	240
35°	271	170
45°	97	77
55°	12	16
65°	8	8
75°	5	5
85°	2	2
90°	0	

TEST NUMBER: P1285650

CATALOG NUMBER: P3AS13R60B2750DE010 E3DL1MW_4000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	871.2
2.5°	868.1
5°	859.6
7.5°	845.0
10°	825.0
12.5°	796.6
15°	758.1
17.5°	709.7
20°	652.8
22.5°	591.3
25°	526.7
27.5°	460.6
30°	394.4
32.5°	331.4
35°	270.7
37.5°	216.8
40°	168.4
42.5°	127.6
45°	96.9
47.5°	72.3
50°	47.7
52.5°	22.3
55°	12.3
57.5°	10.8
60°	10.0
62.5°	9.2
65°	7.7
67.5°	6.9
70°	6.2
72.5°	5.4
75°	4.6
77.5°	3.8
80°	3.1
82.5°	2.3
85°	1.5
87.5°	0.8
90°	0.0

(END OF REPORT)