

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: P1285710

Luminaire Tested: P3AS13R60B2750DE010 E3DLP1MW_4000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1285710
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_4000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R60 optic, 4000K CCT AND, 80CRI , E3DLP1MW TRIM
Light Source: -
Ballast/Driver: -

Summary

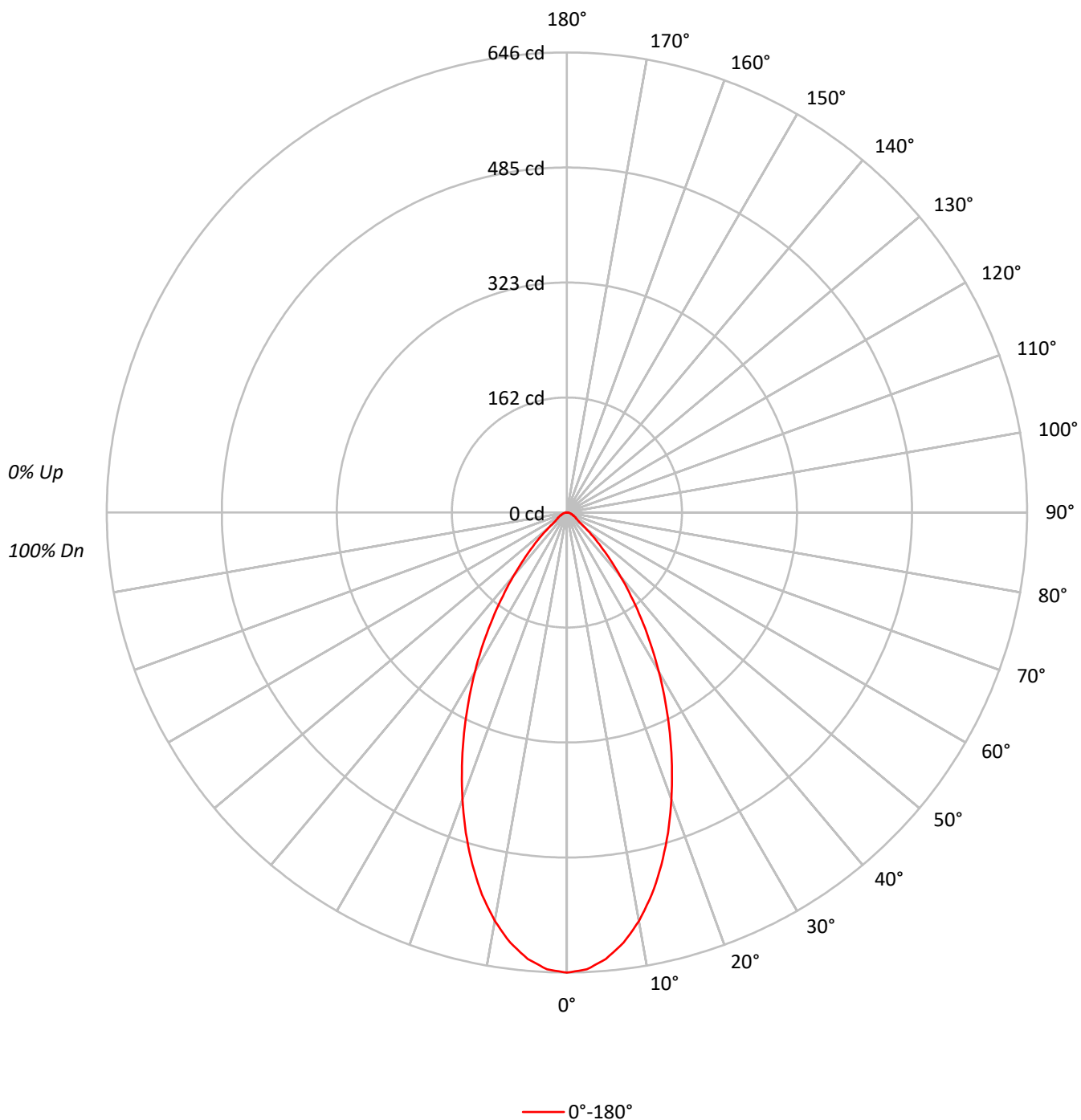
Lumens per Lamp: N/A
Luminaire Lumens: 559.0 lumens
Efficiency: N/A
Efficacy: 29.3 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P1285710

CATALOG NUMBER: P3AS13R60B2750DE010 E3DLP1MW_4000K

Luminous Intensity Polar Plot



TEST NUMBER: P1285710

CATALOG NUMBER: P3AS13R60B2750DE010 E3DLP1MW_4000K

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				20
RC	80				70				50				30				10				0
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50	30	10		0
RCR																					
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102	102	102		100
1	113	110	107	105	110	108	105	103	104	102	100		100	98	97		96	95	94		92
2	107	101	97	93	104	100	96	92	96	93	90		93	91	88		91	88	86		85
3	101	94	88	84	99	92	87	83	90	86	82		87	84	81		85	82	80		78
4	95	87	81	77	93	86	80	76	84	79	75		82	78	74		80	76	73		72
5	90	81	75	70	88	80	74	70	78	73	69		77	72	69		75	71	68		66
6	85	76	69	65	84	75	69	65	73	68	64		72	67	64		71	66	63		62
7	81	71	65	60	79	70	64	60	69	64	60		68	63	59		67	62	59		57
8	77	67	60	56	75	66	60	56	65	60	56		64	59	55		63	58	55		54
9	73	63	57	52	72	62	56	52	61	56	52		60	55	52		60	55	52		50
10	69	59	53	49	68	59	53	49	58	53	49		57	52	49		56	52	49		47

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	141677
5°	138498
10°	129657
15°	116323
20°	100039
25°	82698
30°	65352
35°	48533
40°	33434
45°	20963
50°	11531
55°	6767
60°	6052
65°	5189
70°	4424
75°	4575
80°	3915
85°	3774

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 20963 cd/sqm

TEST NUMBER: P1285710

CATALOG NUMBER: P3AS13R60B2750DE010 E3DLP1MW_4000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	58.6	10.5
10°-20°	142.3	25.5
20°-30°	156.1	27.9
30°-40°	113.7	20.3
40°-50°	53.7	9.6
50°-60°	17.6	3.2
60°-70°	10.0	1.8
70°-80°	5.4	1.0
80°-90°	1.7	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°	357.0	63.9
0°-40°	470.7	84.2
0°-60°	542.0	97.0
0°-90°	559.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	559.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	646	
5°	629	59
15°	512	142
25°	342	156
35°	181	114
45°	68	54
55°	18	18
65°	10	10
75°	5	5
85°	2	2
90°	0	

TEST NUMBER: P1285710

CATALOG NUMBER: P3AS13R60B2750DE010 E3DLP1MW_4000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	646.1
2.5°	642.2
5°	629.2
7.5°	609.2
10°	582.3
12.5°	550.0
15°	512.4
17.5°	471.7
20°	428.7
22.5°	384.9
25°	341.8
27.5°	298.8
30°	258.1
32.5°	218.9
35°	181.3
37.5°	147.5
40°	116.8
42.5°	89.9
45°	67.6
47.5°	49.2
50°	33.8
52.5°	22.3
55°	17.7
57.5°	15.4
60°	13.8
62.5°	11.5
65°	10.0
67.5°	8.5
70°	6.9
72.5°	6.1
75°	5.4
77.5°	3.8
80°	3.1
82.5°	2.3
85°	1.5
87.5°	0.8
90°	0.0

(END OF REPORT)