

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: P1284836

Luminaire Tested: P3AS13R30B2750DE010 E3DLP1GPH_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1284836
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 E3DLP1GPH_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R30 optic, 5000K CCT AND, 80CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

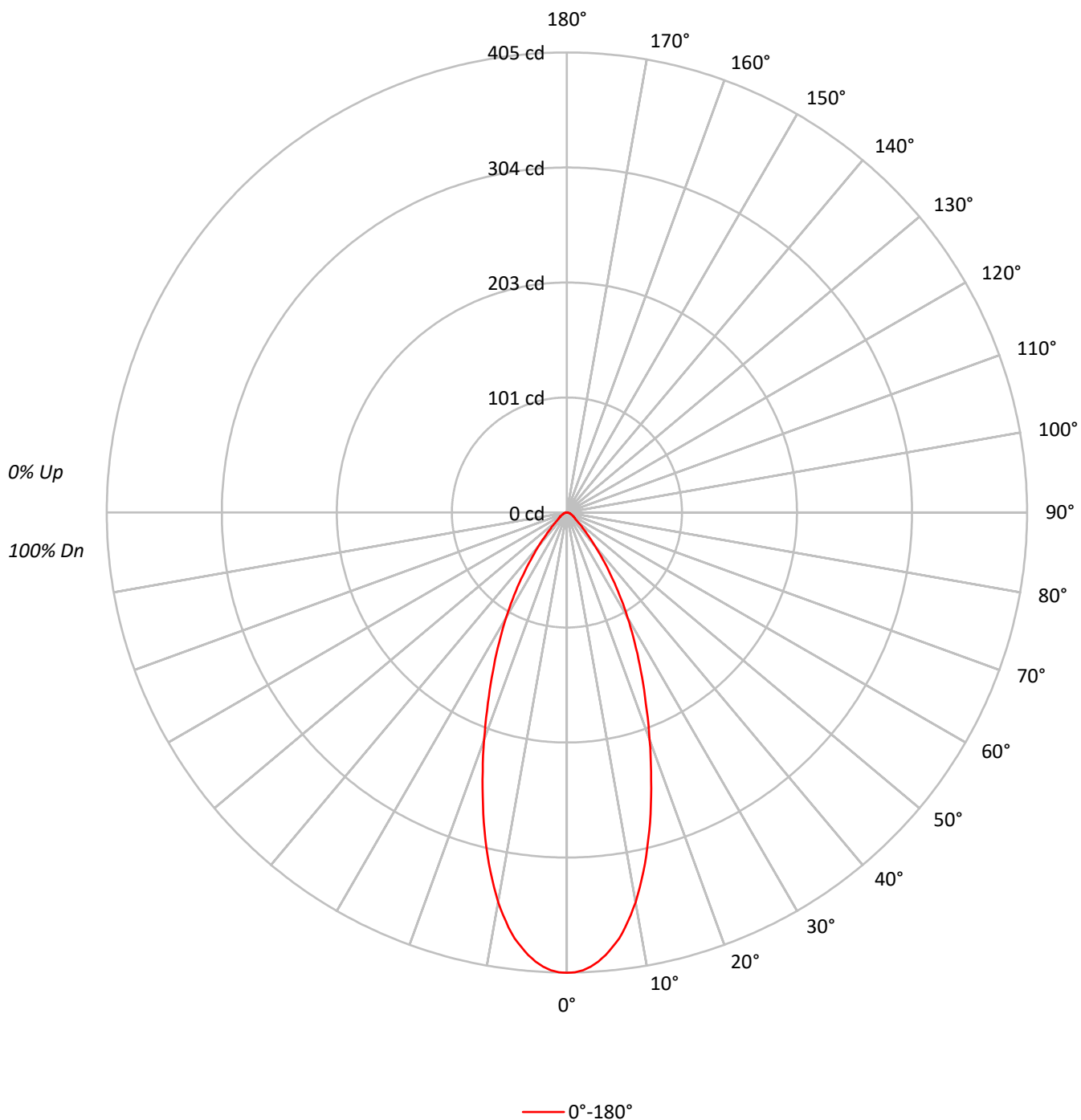
Lumens per Lamp: N/A
Luminaire Lumens: 260.0 lumens
Efficiency: N/A
Efficacy: 13.6 lumens/watt
Spacing Criteria (0/90/45): 0.66 / 0.66 / 0.7
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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

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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	108	105	111	108	106	104	104	102	100		100	99	98		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		68	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°	88853
5°	86088
10°	77554
15°	64155
20°	49681
25°	37260
30°	27042
35°	18016
40°	11078
45°	6512
50°	3991
55°	3250
60°	2851
65°	2283
70°	2052
75°	2033
80°	1515
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 6512 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	36.0	13.8
10°-20°	77.8	29.9
20°-30°	70.8	27.2
30°-40°	42.8	16.5
40°-50°	17.2	6.6
50°-60°	7.6	2.9
60°-70°	4.6	1.8
70°-80°	2.5	1.0
80°-90°	0.7	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°	184.6	71.0
0°-40°	227.4	87.5
0°-60°	252.2	97.0
0°-90°	260.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	260.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	405	
5°	391	36
15°	283	78
25°	154	71
35°	67	43
45°	21	17
55°	8	8
65°	4	5
75°	2	2
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	405.2
1°	404.8
2°	403.2
3°	400.3
4°	396.3
5°	391.1
6°	384.6
7°	377.8
8°	368.9
9°	358.8
10°	348.3
11°	336.2
12°	323.3
13°	310.4
14°	296.3
15°	282.6
17.5°	246.7
20°	212.9
22.5°	181.4
25°	154.0
27.5°	129.0
30°	106.8
32.5°	86.3
35°	67.3
37.5°	51.6
40°	38.7
42.5°	28.2
45°	21.0
47.5°	15.7
50°	11.7
52.5°	9.3
55°	8.5
57.5°	7.3
60°	6.5
62.5°	5.2
65°	4.4
67.5°	4.0
70°	3.2
72.5°	2.8
75°	2.4
77.5°	2.0
80°	1.2
82.5°	0.8
85°	0.8
87.5°	0.4



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)