

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: P1284913

Luminaire Tested: P3AS13R35B2750DE010 E3DL1GPH_3000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1284913
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-19)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R35B2750DE010 E3DL1GPH_3000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R35 optic, 3000K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

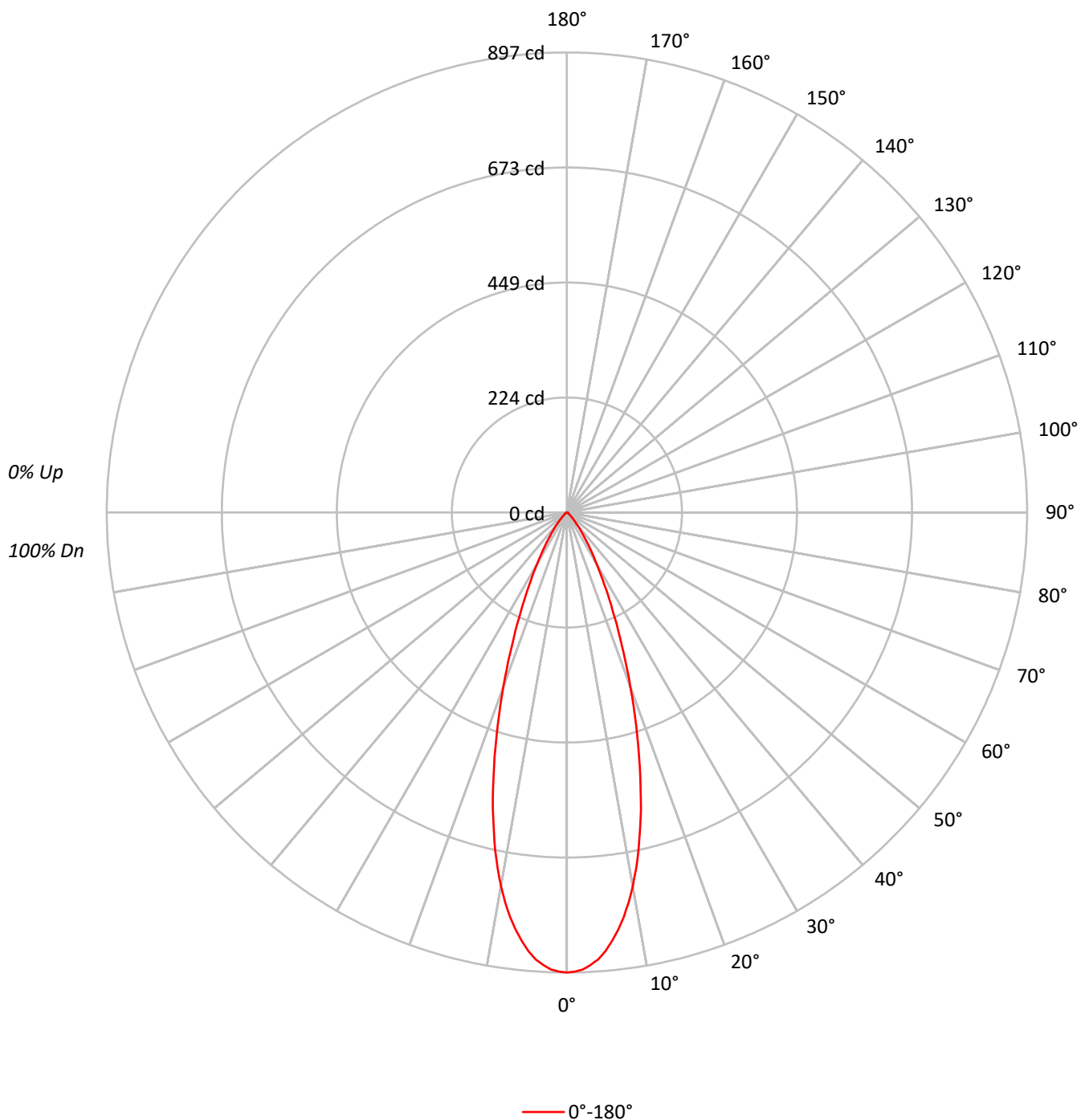
Lumens per Lamp: N/A
Luminaire Lumens: 390.0 lumens
Efficiency: N/A
Efficacy: 20.4 lumens/watt
Spacing Criteria (0/90/45): 0.58 / 0.58 / 0.58
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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	30	10	0		
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	114	112	109	107	112	109	107	106	105	104	102	102	100	99	98	97	96	95		
2	109	105	101	98	107	103	100	97	100	97	95	97	95	93	94	93	91	90		
3	105	99	95	91	103	98	94	90	95	92	89	93	90	88	91	88	86	85		
4	100	94	89	85	99	93	88	85	91	87	84	89	85	83	87	84	82	80		
5	96	89	84	80	95	88	83	80	86	82	79	85	81	78	83	80	78	76		
6	92	85	80	76	91	84	79	76	83	78	75	81	77	75	80	77	74	73		
7	89	81	76	72	88	80	75	72	79	75	71	78	74	71	77	73	71	70		
8	85	77	72	69	84	77	72	69	76	71	68	75	71	68	74	70	68	67		
9	82	74	69	66	81	74	69	65	73	68	65	72	68	65	71	68	65	64		
10	79	71	66	63	78	71	66	63	70	66	63	69	65	62	69	65	62	61		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	196695
5°	189038
10°	164704
15°	126153
20°	84404
25°	51076
30°	29296
35°	16383
40°	8702
45°	4497
50°	2149
55°	1720
60°	1623
65°	1349
70°	1410
75°	1271
80°	1389
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 4497 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	78.1	20.0
10°-20°	151.4	38.8
20°-30°	99.1	25.4
30°-40°	40.2	10.3
40°-50°	12.1	3.1
50°-60°	4.1	1.1
60°-70°	2.7	0.7
70°-80°	1.6	0.4
80°-90°	0.6	0.1
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°	328.7	84.3
0°-40°	368.9	94.6
0°-60°	385.1	98.7
0°-90°	390.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	390.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	897	
5°	859	78
15°	556	151
25°	211	99
35°	61	40
45°	14	12
55°	4	4
65°	3	3
75°	2	2
85°	0	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	897.0
1°	895.5
2°	891.5
3°	883.3
4°	873.6
5°	858.8
6°	840.3
7°	819.5
8°	796.1
9°	769.4
10°	739.7
11°	706.7
12°	672.2
13°	633.6
14°	596.9
15°	555.7
17.5°	455.9
20°	361.7
22.5°	278.2
25°	211.1
27.5°	157.3
30°	115.7
32.5°	85.0
35°	61.2
37.5°	43.4
40°	30.4
42.5°	21.1
45°	14.5
47.5°	9.6
50°	6.3
52.5°	4.8
55°	4.5
57.5°	4.1
60°	3.7
62.5°	3.3
65°	2.6
67.5°	2.2
70°	2.2
72.5°	1.9
75°	1.5
77.5°	1.1
80°	1.1
82.5°	0.7
85°	0.4
87.5°	0.4



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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)