

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: P1284797

Luminaire Tested: P3AS13R30B2750DE010 E3DL1WMH_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1284797
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-15)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R30B2750DE010 E3DL1WMH_2700K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R30 optic, 2700K CCT AND, 90CRI , E3DL1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

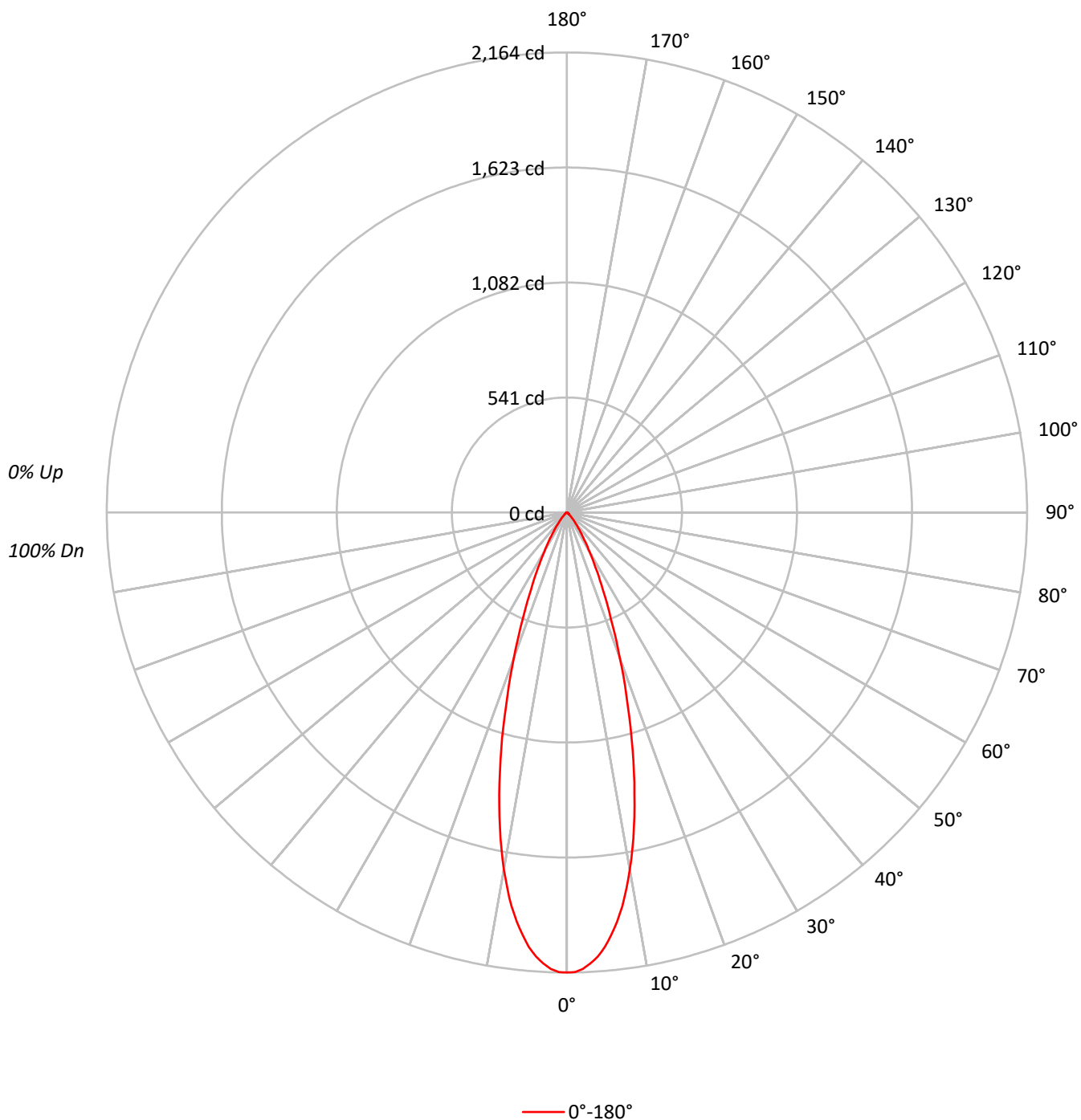
Lumens per Lamp: N/A
Luminaire Lumens: 813.0 lumens
Efficiency: N/A
Efficacy: 42.6 lumens/watt
Spacing Criteria (0/90/45): 0.54 / 0.54 / 0.54
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1284797

CATALOG NUMBER: P3AS13R30B2750DE010 E3DL1WMH_2700K

Luminous Intensity Polar Plot





TEST NUMBER: P1284797

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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	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	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95			
2	110	105	102	99	107	104	101	98	101	98	96	98	96	94	95	93	92	90			
3	105	100	96	92	103	98	95	91	96	93	90	94	91	89	91	89	87	86			
4	101	95	90	87	99	94	89	86	92	88	85	90	87	84	88	85	83	82			
5	97	90	85	82	96	89	85	81	88	84	81	86	83	80	85	82	79	78			
6	94	86	81	78	92	85	81	77	84	80	77	83	79	76	81	78	76	75			
7	90	82	77	74	89	82	77	74	81	76	73	80	76	73	79	75	73	71			
8	87	79	74	71	86	79	74	71	78	73	70	77	73	70	76	72	70	69			
9	84	76	71	68	83	75	71	68	75	70	67	74	70	67	73	70	67	66			
10	81	73	68	65	80	73	68	65	72	68	65	71	67	65	71	67	65	63			

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	474414
5°	451551
10°	379819
15°	273895
20°	169905
25°	96635
30°	53679
35°	29205
40°	15400
45°	8342
50°	4469
55°	2944
60°	2675
65°	2802
70°	2436
75°	1949
80°	1894
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 8342 cd/sqm

TEST NUMBER: P1284797

CATALOG NUMBER: P3AS13R30B2750DE010 E3DL1WMH_2700K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	184.7	22.7
10°-20°	328.4	40.4
20°-30°	189.8	23.3
30°-40°	72.0	8.9
40°-50°	22.1	2.7
50°-60°	7.4	0.9
60°-70°	5.0	0.6
70°-80°	2.7	0.3
80°-90°	0.8	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°	702.8	86.4
0°-40°	774.9	95.3
0°-60°	804.4	98.9
0°-90°	813.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	813.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	2164	
5°	2051	185
15°	1206	328
25°	399	190
35°	109	72
45°	27	22
55°	8	7
65°	5	5
75°	2	3
85°	1	1
90°	0	

TEST NUMBER: P1284797

CATALOG NUMBER: P3AS13R30B2750DE010 E3DL1WMH_2700K

CANDELA DISTRIBUTION (FULL):

0°	
0°	2163.5
1°	2162.0
2°	2148.9
3°	2124.3
4°	2093.6
5°	2051.4
6°	1997.6
7°	1937.7
8°	1870.9
9°	1791.0
10°	1705.8
11°	1613.6
12°	1516.1
13°	1413.9
14°	1310.2
15°	1206.5
17.5°	951.6
20°	728.1
22.5°	539.9
25°	399.4
27.5°	290.3
30°	212.0
32.5°	152.8
35°	109.1
37.5°	76.0
40°	53.8
42.5°	37.6
45°	26.9
47.5°	18.4
50°	13.1
52.5°	9.2
55°	7.7
57.5°	6.9
60°	6.1
62.5°	5.4
65°	5.4
67.5°	4.6
70°	3.8
72.5°	3.1
75°	2.3
77.5°	2.3
80°	1.5
82.5°	1.5
85°	0.8
87.5°	0.0



TEST NUMBER: P1284797

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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)