

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: P1285131

Luminaire Tested: P3AS13R40B2750DE010 E3DLD1WMH_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1285131
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-22)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R40B2750DE010 E3DLD1WMH_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R40 optic, 5000K CCT AND, 80CRI , E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

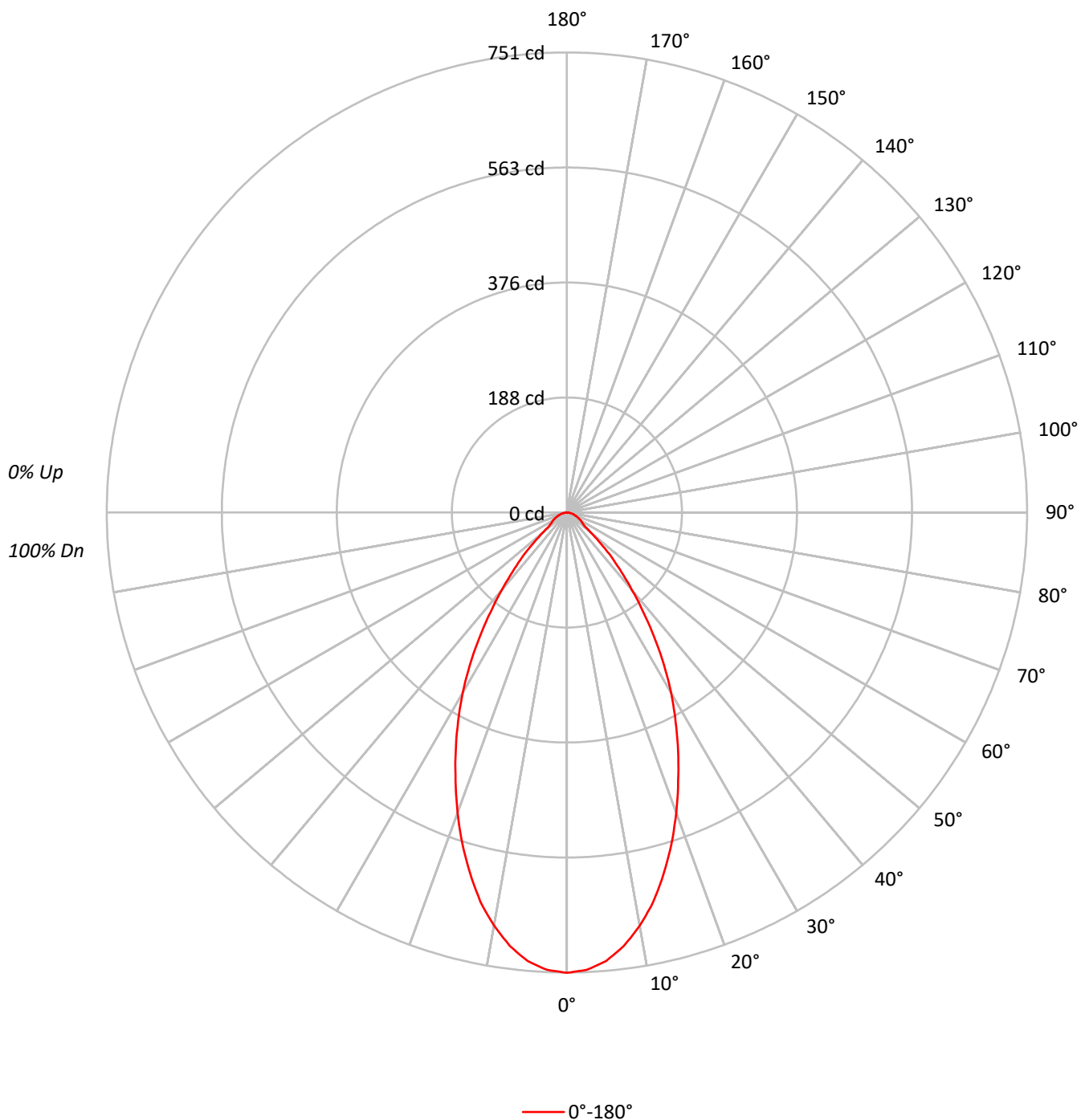
Lumens per Lamp: N/A
Luminaire Lumens: 734.0 lumens
Efficiency: N/A
Efficacy: 38.4 lumens/watt
Spacing Criteria (0/90/45): 0.83 / 0.83 / 0.88
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1285131

CATALOG NUMBER: P3AS13R40B2750DE010 E3DLD1WMH_5000K

Luminous Intensity Polar Plot



TEST NUMBER: P1285131

CATALOG NUMBER: P3AS13R40B2750DE010 E3DLD1WMH_5000K

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	112	109	106	104	110	107	104	102	103	101	99		99	98	96		96
2	106	100	96	92	104	98	94	91	95	92	89		92	89	87		89
3	100	92	87	82	98	91	86	81	88	84	80		86	82	79		83
4	94	85	79	74	92	84	78	74	82	77	73		80	75	72		78
5	89	79	73	68	87	78	72	67	76	71	67		75	70	66		73
6	84	74	67	62	82	73	67	62	71	66	61		70	65	61		68
7	79	69	62	57	78	68	62	57	67	61	57		65	60	57		64
8	75	64	58	53	74	64	58	53	63	57	53		62	56	53		61
9	71	60	54	50	70	60	54	50	59	53	49		58	53	49		57
10	67	57	51	46	66	56	50	46	56	50	46		55	50	46		54

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	164768
5°	161787
10°	152502
15°	138525
20°	121694
25°	103917
30°	86089
35°	66388
40°	47260
45°	31848
50°	17364
55°	12234
60°	11534
65°	10637
70°	9489
75°	9065
80°	7198
85°	6290

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 31848 cd/sqm

TEST NUMBER: P1285131

CATALOG NUMBER: P3AS13R40B2750DE010 E3DLD1WMH_5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	68.5	9.3
10°-20°	170.0	23.2
20°-30°	196.5	26.8
30°-40°	154.9	21.1
40°-50°	79.5	10.8
50°-60°	30.4	4.1
60°-70°	20.1	2.7
70°-80°	10.9	1.5
80°-90°	3.2	0.4
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°	435.0	59.3
0°-40°	589.9	80.4
0°-60°	699.7	95.3
0°-90°	734.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	734.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	751	
5°	735	69
15°	610	170
25°	430	196
35°	248	155
45°	103	79
55°	32	30
65°	20	20
75°	11	11
85°	2	3
90°	0	



TEST NUMBER: P1285131

CATALOG NUMBER: P3AS13R40B2750DE010 E3DLD1WMH_5000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	751.4
2.5°	747.3
5°	735.0
7.5°	713.6
10°	684.9
12.5°	651.2
15°	610.2
17.5°	567.5
20°	521.5
22.5°	474.7
25°	429.5
27.5°	384.3
30°	340.0
32.5°	294.8
35°	248.0
37.5°	204.5
40°	165.1
42.5°	131.4
45°	102.7
47.5°	74.7
50°	50.9
52.5°	37.0
55°	32.0
57.5°	28.7
60°	26.3
62.5°	23.0
65°	20.5
67.5°	17.2
70°	14.8
72.5°	12.3
75°	10.7
77.5°	8.2
80°	5.7
82.5°	4.9
85°	2.5
87.5°	1.6
90°	0.0

(END OF REPORT)