

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: P1284535

Luminaire Tested: P3AS13R20B2750DE010 E3DLD1WMH_4000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1284535
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-6)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R20B2750DE010 E3DLD1WMH_4000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R20 optic, 4000K CCT AND, 80CRI , E3DLD1WMH TRIM
Light Source: -
Ballast/Driver: -

Summary

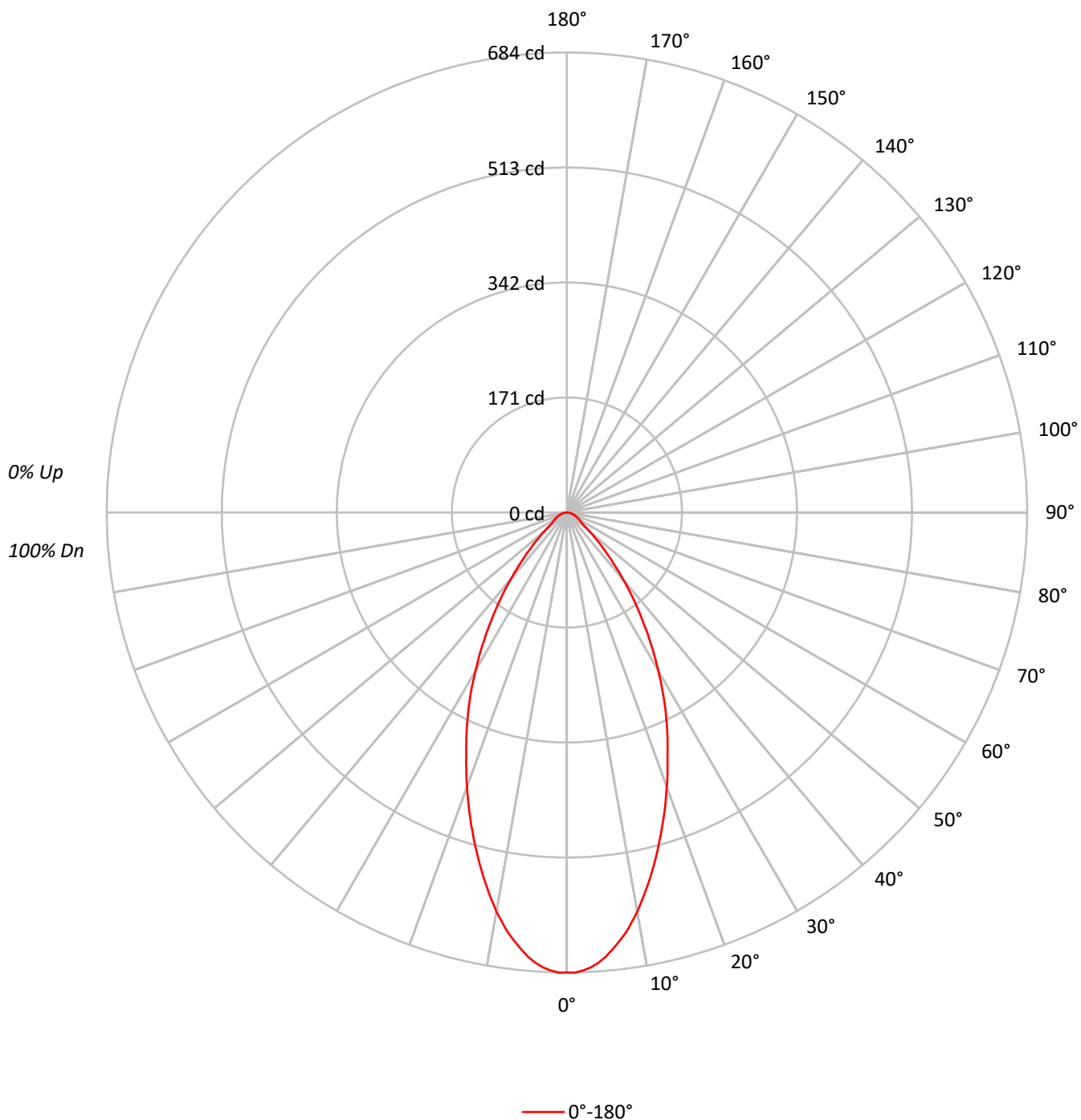
Lumens per Lamp: N/A
Luminaire Lumens: 606.0 lumens
Efficiency: N/A
Efficacy: 31.7 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1284535

CATALOG NUMBER: P3AS13R20B2750DE010 E3DLD1WMH_4000K

Luminous Intensity Polar Plot





TEST NUMBER: P1284535

CATALOG NUMBER: P3AS13R20B2750DE010 E3DLD1WMH_4000K

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	113	109	106	104	110	107	105	102	103	101	99	99	98	96	96	95	93	91		
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	90	87	85	83		
3	100	93	87	82	98	91	86	82	88	84	80	86	82	79	84	81	78	76		
4	94	86	79	75	92	85	79	74	82	77	73	80	76	72	78	75	72	70		
5	89	80	73	68	87	79	73	68	77	71	67	75	70	67	73	69	66	65		
6	84	74	68	63	82	73	67	63	72	66	62	70	65	62	69	65	61	60		
7	80	69	63	58	78	69	62	58	67	62	58	66	61	57	65	60	57	55		
8	75	65	59	54	74	64	58	54	63	58	54	62	57	53	61	57	53	52		
9	72	61	55	50	70	61	55	50	60	54	50	59	54	50	58	53	50	48		
10	68	58	51	47	67	57	51	47	56	51	47	56	51	47	55	50	47	45		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	149900
5°	145894
10°	134199
15°	118139
20°	101322
25°	85118
30°	68795
35°	52334
40°	37241
45°	24592
50°	15215
55°	10016
60°	9122
65°	8406
70°	7886
75°	7202
80°	6819
85°	5787

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 24592 cd/sqm

TEST NUMBER: P1284535

CATALOG NUMBER: P3AS13R20B2750DE010 E3DLD1WMH_4000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	61.3	10.1
10°-20°	144.9	23.9
20°-30°	160.8	26.5
30°-40°	122.6	20.2
40°-50°	62.8	10.4
50°-60°	25.8	4.3
60°-70°	16.1	2.7
70°-80°	9.0	1.5
80°-90°	2.6	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°	367.0	60.6
0°-40°	489.6	80.8
0°-60°	578.3	95.4
0°-90°	606.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	606.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	684	
5°	663	61
15°	520	145
25°	352	161
35°	196	123
45°	79	63
55°	26	26
65°	16	16
75°	8	9
85°	2	3
90°	0	



TEST NUMBER: P1284535

CATALOG NUMBER: P3AS13R20B2750DE010 E3DLD1WMH_4000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	683.6
1°	684.3
2°	681.3
3°	677.4
4°	671.3
5°	662.8
6°	652.8
7°	642.0
8°	630.5
9°	616.6
10°	602.7
12.5°	562.7
15°	520.4
17.5°	477.3
20°	434.2
22.5°	391.1
25°	351.8
27.5°	312.5
30°	271.7
32.5°	233.2
35°	195.5
37.5°	162.4
40°	130.1
42.5°	102.4
45°	79.3
47.5°	60.0
50°	44.6
52.5°	33.1
55°	26.2
57.5°	23.9
60°	20.8
62.5°	18.5
65°	16.2
67.5°	13.9
70°	12.3
72.5°	10.0
75°	8.5
77.5°	6.9
80°	5.4
82.5°	3.8
85°	2.3
87.5°	0.8
90°	0.0

(END OF REPORT)