

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: P1282786

Luminaire Tested: P3AS09R20B2750DE010 E3DLD1GPH_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1282786
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: P3AS09R20B2750DE010 E3DLD1GPH_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R20 optic, 5000K CCT AND, 80CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

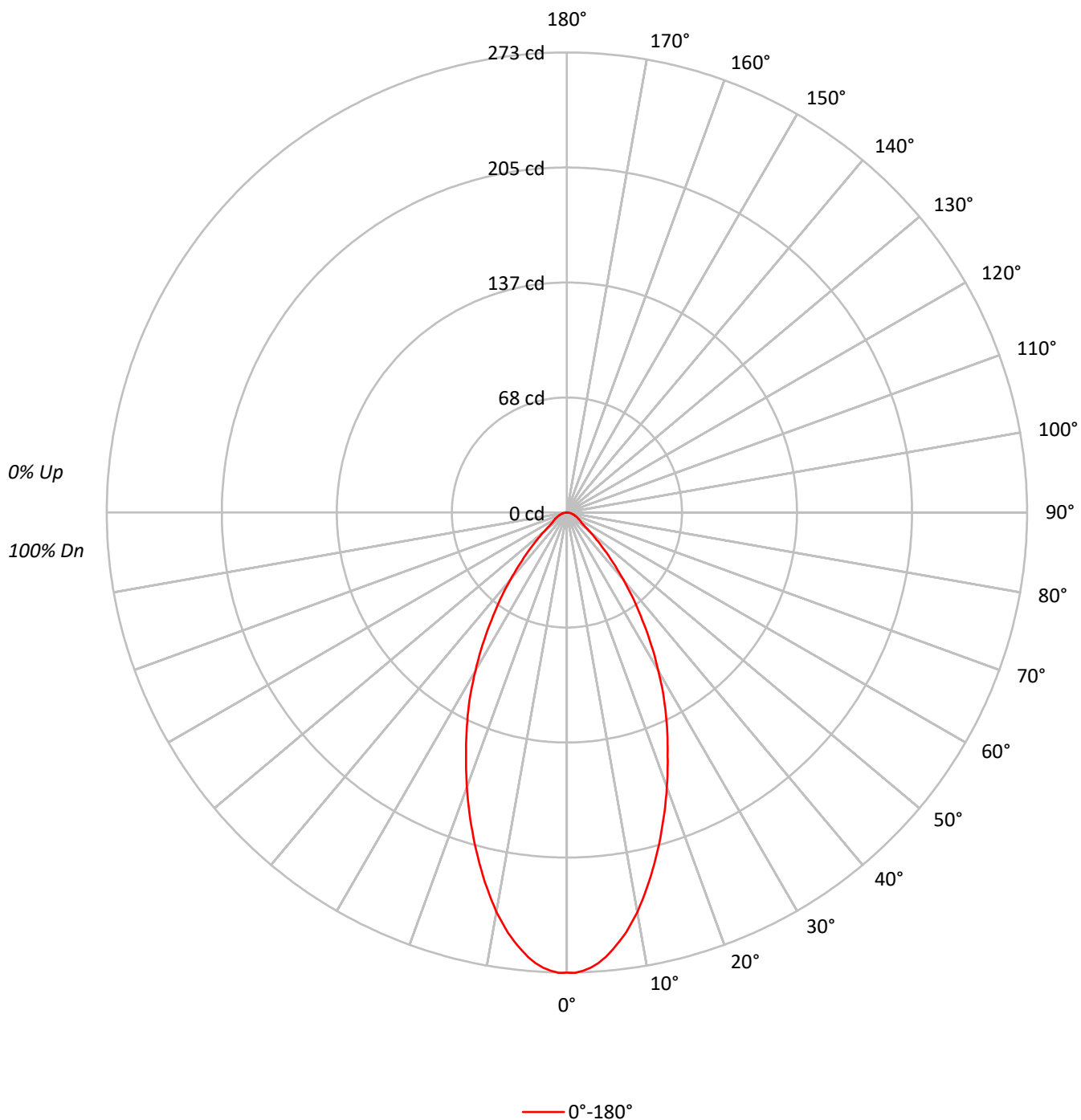
Lumens per Lamp: N/A
Luminaire Lumens: 242.0 lumens
Efficiency: N/A
Efficacy: 18.5 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 13.1
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: P1282786

CATALOG NUMBER: P3AS09R20B2750DE010 E3DLD1GPH_5000K

Luminous Intensity Polar Plot





TEST NUMBER: P1282786

CATALOG NUMBER: P3AS09R20B2750DE010 E3DLD1GPH_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	113	109	106	104	110	107	105	102	103	101	99		99	98	96		96
2	106	100	96	92	104	99	94	91	95	92	89		92	89	87		90
3	100	93	87	82	98	91	86	82	88	84	80		86	82	79		84
4	94	86	79	75	92	85	79	74	82	77	73		80	76	72		78
5	89	80	73	68	87	79	73	68	77	71	67		75	70	67		73
6	84	74	68	63	82	73	67	63	72	66	62		70	65	62		69
7	80	69	63	58	78	69	62	58	67	62	58		66	61	57		65
8	75	65	59	54	74	64	58	54	63	58	54		62	57	53		61
9	72	61	55	50	70	61	55	50	60	54	50		59	54	50		58
10	68	58	51	47	67	57	51	47	56	51	47		56	50	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	59864
5°	58265
10°	53595
15°	47174
20°	40464
25°	33994
30°	27473
35°	20907
40°	14885
45°	9830
50°	6072
55°	4014
60°	3640
65°	3373
70°	3142
75°	2881
80°	2778
85°	2264

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 9830 cd/sqm

TEST NUMBER: P1282786

CATALOG NUMBER: P3AS09R20B2750DE010 E3DLD1GPH_5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	24.5	10.1
10°-20°	57.9	23.9
20°-30°	64.2	26.5
30°-40°	49.0	20.2
40°-50°	25.1	10.4
50°-60°	10.3	4.3
60°-70°	6.4	2.7
70°-80°	3.6	1.5
80°-90°	1.0	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°	146.6	60.6
0°-40°	195.5	80.8
0°-60°	230.9	95.4
0°-90°	242.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	242.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	273	
5°	265	24
15°	208	58
25°	140	64
35°	78	49
45°	32	25
55°	10	10
65°	6	6
75°	3	4
85°	1	1
90°	0	



TEST NUMBER: P1282786

CATALOG NUMBER: P3AS09R20B2750DE010 E3DLD1GPH_5000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	273.0
1°	273.3
2°	272.1
3°	270.5
4°	268.1
5°	264.7
6°	260.7
7°	256.4
8°	251.8
9°	246.2
10°	240.7
12.5°	224.7
15°	207.8
17.5°	190.6
20°	173.4
22.5°	156.2
25°	140.5
27.5°	124.8
30°	108.5
32.5°	93.1
35°	78.1
37.5°	64.9
40°	52.0
42.5°	40.9
45°	31.7
47.5°	24.0
50°	17.8
52.5°	13.2
55°	10.5
57.5°	9.5
60°	8.3
62.5°	7.4
65°	6.5
67.5°	5.5
70°	4.9
72.5°	4.0
75°	3.4
77.5°	2.8
80°	2.2
82.5°	1.5
85°	0.9
87.5°	0.3
90°	0.0

(END OF REPORT)