

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: P1281061

Luminaire Tested: P3AS05R20B2750DE010 E3DLD1GPH_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1281061
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: P3AS05R20B2750DE010 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

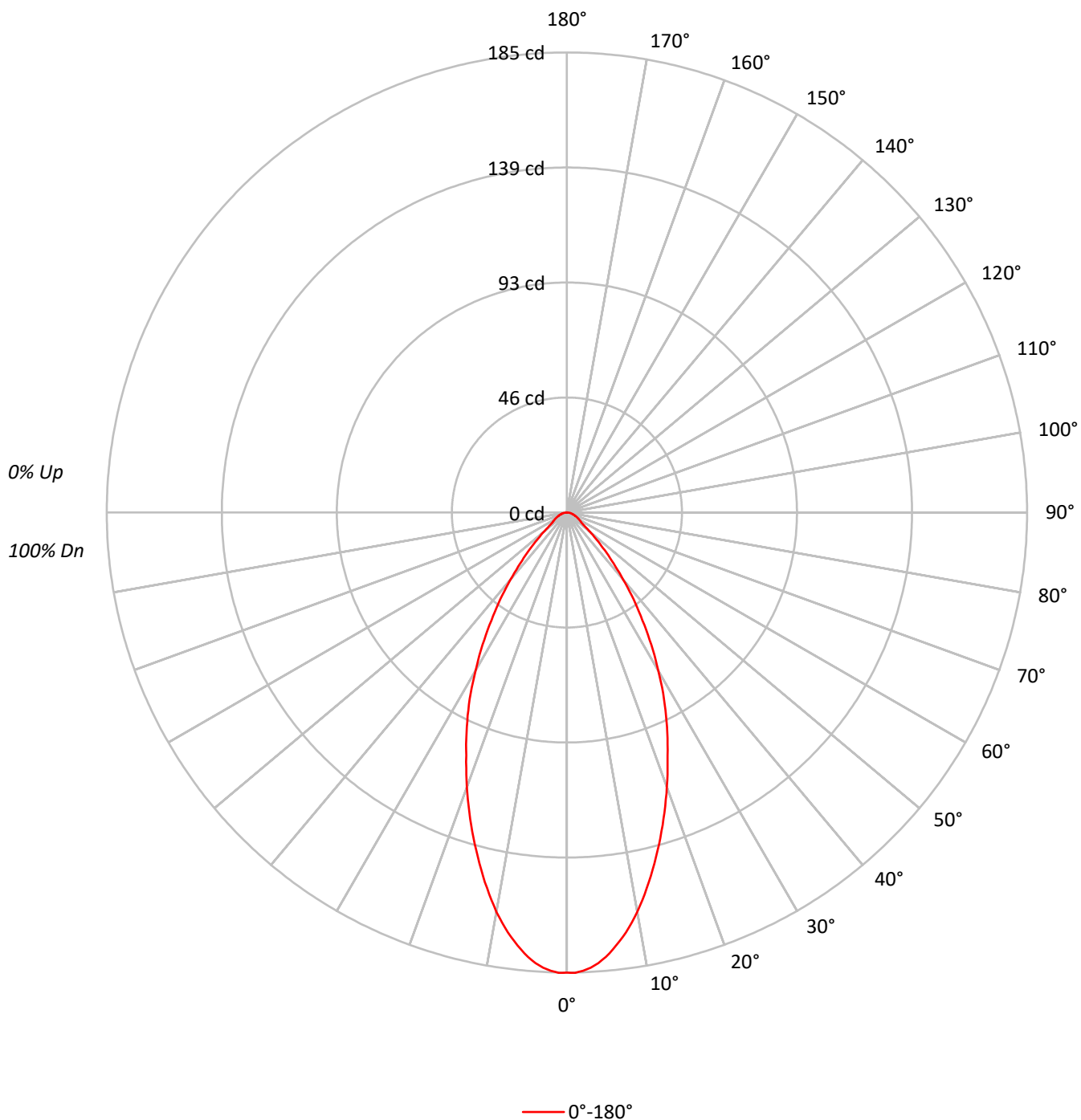
Lumens per Lamp: N/A
Luminaire Lumens: 164.0 lumens
Efficiency: N/A
Efficacy: 27.8 lumens/watt
Spacing Criteria (0/90/45): 0.76 / 0.76 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 5.9
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: P1281061

CATALOG NUMBER: P3AS05R20B2750DE010 E3DLD1GPH_5000K

Luminous Intensity Polar Plot



TEST NUMBER: P1281061

CATALOG NUMBER: P3AS05R20B2750DE010 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	51	47		55

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	40567
5°	39489
10°	36316
15°	31964
20°	27419
25°	23034
30°	18610
35°	14161
40°	10076
45°	6667
50°	4128
55°	2714
60°	2456
65°	2283
70°	2116
75°	1949
80°	1894
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 6667 cd/sqm

TEST NUMBER: P1281061

CATALOG NUMBER: P3AS05R20B2750DE010 E3DLD1GPH_5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.6	10.1
10°-20°	39.2	23.9
20°-30°	43.5	26.5
30°-40°	33.2	20.2
40°-50°	17.0	10.4
50°-60°	7.0	4.3
60°-70°	4.3	2.6
70°-80°	2.5	1.5
80°-90°	0.7	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°	99.3	60.6
0°-40°	132.5	80.8
0°-60°	156.5	95.4
0°-90°	164.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	164.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	185	
5°	179	17
15°	141	39
25°	95	44
35°	53	33
45°	22	17
55°	7	7
65°	4	4
75°	2	2
85°	1	1
90°	0	

TEST NUMBER: P1281061

CATALOG NUMBER: P3AS05R20B2750DE010 E3DLD1GPH_5000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	185.0
1°	185.2
2°	184.4
3°	183.3
4°	181.7
5°	179.4
6°	176.7
7°	173.7
8°	170.6
9°	166.9
10°	163.1
12.5°	152.3
15°	140.8
17.5°	129.2
20°	117.5
22.5°	105.8
25°	95.2
27.5°	84.6
30°	73.5
32.5°	63.1
35°	52.9
37.5°	44.0
40°	35.2
42.5°	27.7
45°	21.5
47.5°	16.2
50°	12.1
52.5°	9.0
55°	7.1
57.5°	6.5
60°	5.6
62.5°	5.0
65°	4.4
67.5°	3.7
70°	3.3
72.5°	2.7
75°	2.3
77.5°	1.9
80°	1.5
82.5°	1.0
85°	0.6
87.5°	0.2
90°	0.0

(END OF REPORT)