

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: P1281356

Luminaire Tested: P3AS05R30B2750DE010 E3DLD1GPH_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1281356
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-14)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R30B2750DE010 E3DLD1GPH_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R30 optic, 5000K CCT AND, 80CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

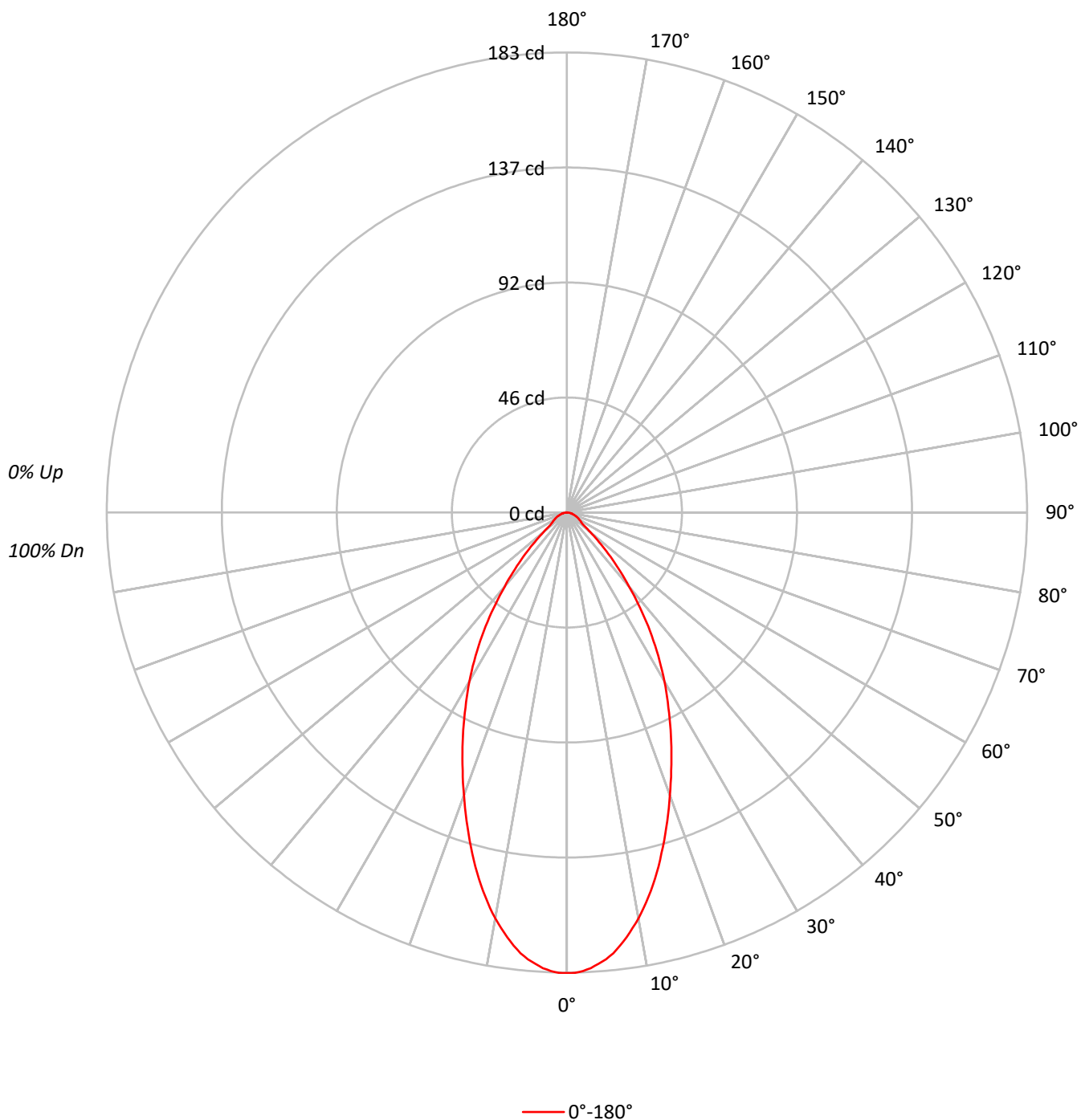
Lumens per Lamp: N/A
Luminaire Lumens: 170.0 lumens
Efficiency: N/A
Efficacy: 28.8 lumens/watt
Spacing Criteria (0/90/45): 0.78 / 0.78 / 0.85
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1281356

CATALOG NUMBER: P3AS05R30B2750DE010 E3DLD1GPH_5000K

Luminous Intensity Polar Plot



TEST NUMBER: P1281356

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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	112	109	106	104	110	107	105	102	103	101	99	99	98	96	96	94	93	91		
2	106	100	96	92	104	99	94	91	95	92	89	92	89	87	89	87	85	83		
3	100	92	87	82	98	91	86	82	88	84	80	86	82	79	84	80	78	76		
4	94	85	79	74	92	84	79	74	82	77	73	80	76	72	78	74	71	70		
5	89	79	73	68	87	78	72	68	76	71	67	75	70	66	73	69	66	64		
6	84	74	67	62	82	73	67	62	71	66	62	70	65	61	69	64	61	59		
7	79	69	62	58	78	68	62	58	67	61	57	66	61	57	65	60	57	55		
8	75	65	58	54	74	64	58	53	63	57	53	62	57	53	61	56	53	51		
9	71	61	54	50	70	60	54	50	59	54	50	58	53	50	57	53	49	48		
10	68	57	51	47	67	57	51	47	56	50	47	55	50	46	54	50	46	45		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	40172
5°	39269
10°	36517
15°	32486
20°	27932
25°	23663
30°	19649
35°	15419
40°	11049
45°	7257
50°	4128
55°	2714
60°	2544
65°	2387
70°	2116
75°	1949
80°	1894
85°	1510

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 7257 cd/sqm

TEST NUMBER: P1281356

CATALOG NUMBER: P3AS05R30B2750DE010 E3DLD1GPH_5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	16.6	9.7
10°-20°	39.8	23.4
20°-30°	44.8	26.4
30°-40°	35.8	21.1
40°-50°	18.4	10.8
50°-60°	6.9	4.1
60°-70°	4.5	2.7
70°-80°	2.5	1.4
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°	101.2	59.5
0°-40°	137.0	80.6
0°-60°	162.3	95.5
0°-90°	170.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	170.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	183	
5°	178	17
15°	143	40
25°	98	45
35°	58	36
45°	23	18
55°	7	7
65°	5	5
75°	2	2
85°	1	1
90°	0	

TEST NUMBER: P1281356

CATALOG NUMBER: P3AS05R30B2750DE010 E3DLD1GPH_5000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	183.2
1°	183.2
2°	182.5
3°	181.5
4°	180.0
5°	178.4
6°	176.3
7°	173.6
8°	170.6
9°	167.3
10°	164.0
11°	160.2
12°	156.2
13°	152.1
14°	147.7
15°	143.1
17.5°	131.4
20°	119.7
22.5°	108.5
25°	97.8
27.5°	87.4
30°	77.6
32.5°	67.6
35°	57.6
37.5°	47.8
40°	38.6
42.5°	30.5
45°	23.4
47.5°	17.3
50°	12.1
52.5°	8.6
55°	7.1
57.5°	6.5
60°	5.8
62.5°	5.2
65°	4.6
67.5°	4.0
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



TEST NUMBER: P1281356

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CANDELA DISTRIBUTION (continued):

0°
90° | 0.0

(END OF REPORT)