

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: P1282242

Luminaire Tested: P3AS05R60B2750DE010 E3DLP1GPH_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1282242
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-37)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R60B2750DE010 E3DLP1GPH_2700K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R60 optic, 2700K CCT AND, 90CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

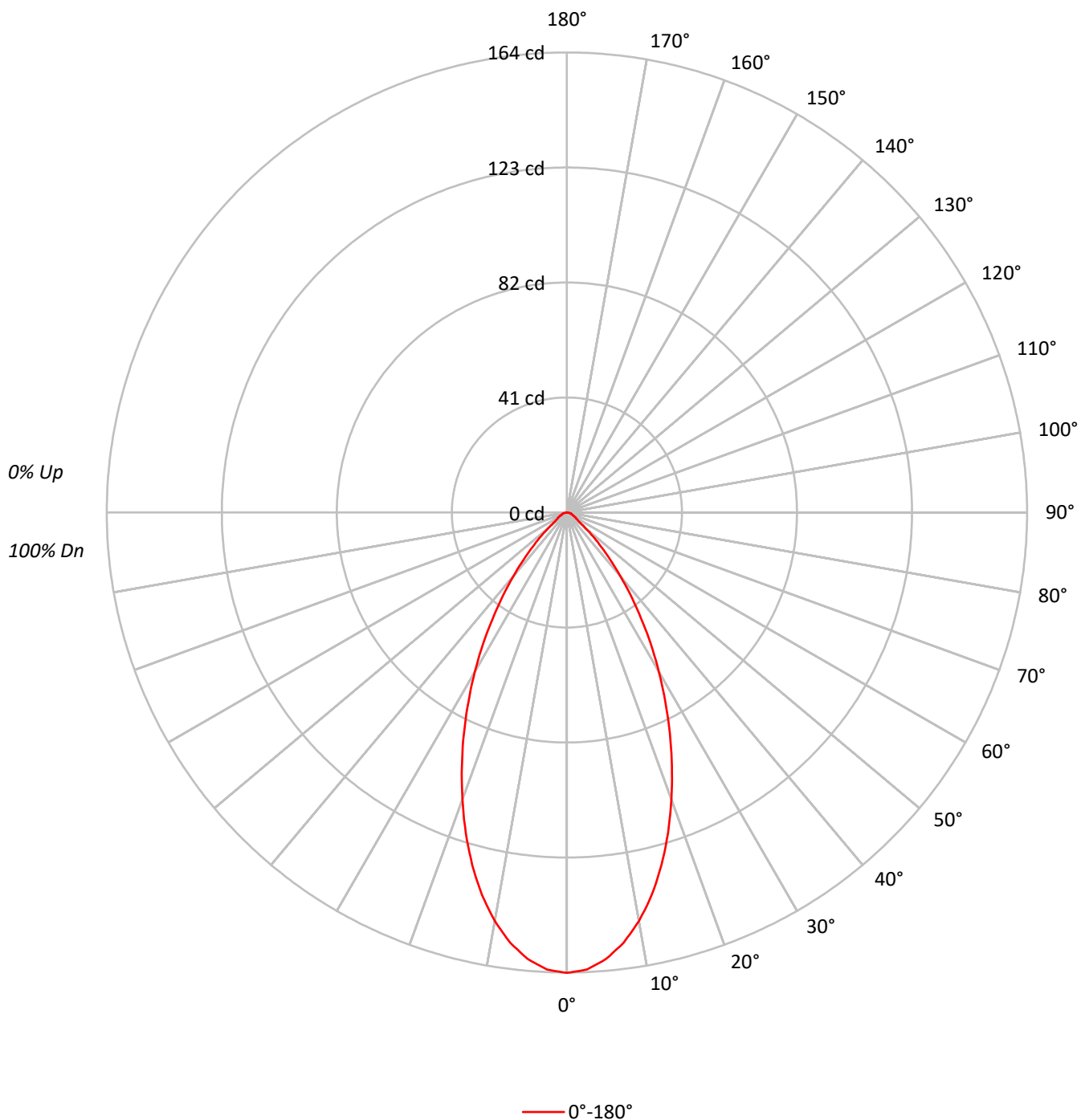
Lumens per Lamp: N/A
Luminaire Lumens: 142.1 lumens
Efficiency: N/A
Efficacy: 24.1 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1282242

CATALOG NUMBER: P3AS05R60B2750DE010 E3DLP1GPH_2700K

Luminous Intensity Polar Plot



TEST NUMBER: P1282242

CATALOG NUMBER: P3AS05R60B2750DE010 E3DLP1GPH_2700K

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20			
RC	80				70				50				30				10			0
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	110	107	105	110	108	105	103	104	102	100		100	98	97		96	95	94	92
2	107	101	97	93	104	100	96	92	96	93	90		93	91	88		91	88	86	85
3	101	94	88	84	99	92	87	83	90	86	82		87	84	81		85	82	79	78
4	95	87	81	77	93	86	80	76	84	79	75		82	78	74		80	76	73	72
5	90	81	75	70	88	80	74	70	78	73	69		77	72	69		75	71	68	66
6	85	76	69	65	84	75	69	65	73	68	64		72	67	64		71	66	63	62
7	81	71	65	60	79	70	64	60	69	64	60		68	63	59		67	62	59	57
8	77	67	60	56	75	66	60	56	65	60	56		64	59	55		63	58	55	54
9	73	63	57	52	72	62	56	52	61	56	52		60	55	52		60	55	52	50
10	69	59	53	49	68	59	53	49	58	53	49		57	52	49		56	52	49	47

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	35984
5°	35175
10°	32932
15°	29557
20°	25412
25°	21001
30°	16610
35°	12341
40°	8502
45°	5334
50°	2934
55°	1720
60°	1535
65°	1297
70°	1154
75°	1186
80°	1010
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 5334 cd/sqm

TEST NUMBER: P1282242

CATALOG NUMBER: P3AS05R60B2750DE010 E3DLP1GPH_2700K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	14.9	10.5
10°-20°	36.1	25.4
20°-30°	39.7	27.9
30°-40°	28.9	20.3
40°-50°	13.7	9.6
50°-60°	4.5	3.2
60°-70°	2.5	1.8
70°-80°	1.4	1.0
80°-90°	0.4	0.3
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°	90.7	63.8
0°-40°	119.6	84.2
0°-60°	137.7	96.9
0°-90°	142.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	142.1	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	164	
5°	160	15
15°	130	36
25°	87	40
35°	46	29
45°	17	14
55°	4	4
65°	2	3
75°	1	1
85°	0	0
90°	0	

TEST NUMBER: P1282242

CATALOG NUMBER: P3AS05R60B2750DE010 E3DLP1GPH_2700K

CANDELA DISTRIBUTION (FULL):

0°	
0°	164.1
2.5°	163.1
5°	159.8
7.5°	154.7
10°	147.9
12.5°	139.7
15°	130.2
17.5°	119.8
20°	108.9
22.5°	97.8
25°	86.8
27.5°	75.9
30°	65.6
32.5°	55.6
35°	46.1
37.5°	37.5
40°	29.7
42.5°	22.8
45°	17.2
47.5°	12.5
50°	8.6
52.5°	5.7
55°	4.5
57.5°	3.9
60°	3.5
62.5°	2.9
65°	2.5
67.5°	2.1
70°	1.8
72.5°	1.6
75°	1.4
77.5°	1.0
80°	0.8
82.5°	0.6
85°	0.4
87.5°	0.2
90°	0.0

(END OF REPORT)