

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: P1282182

Luminaire Tested: P3AS05R60B2750DE010 E3DL1GPH_2700K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1282182
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-39)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS05R60B2750DE010 E3DL1GPH_2700K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R60 optic, 2700K CCT AND, 90CRI , E3DL1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

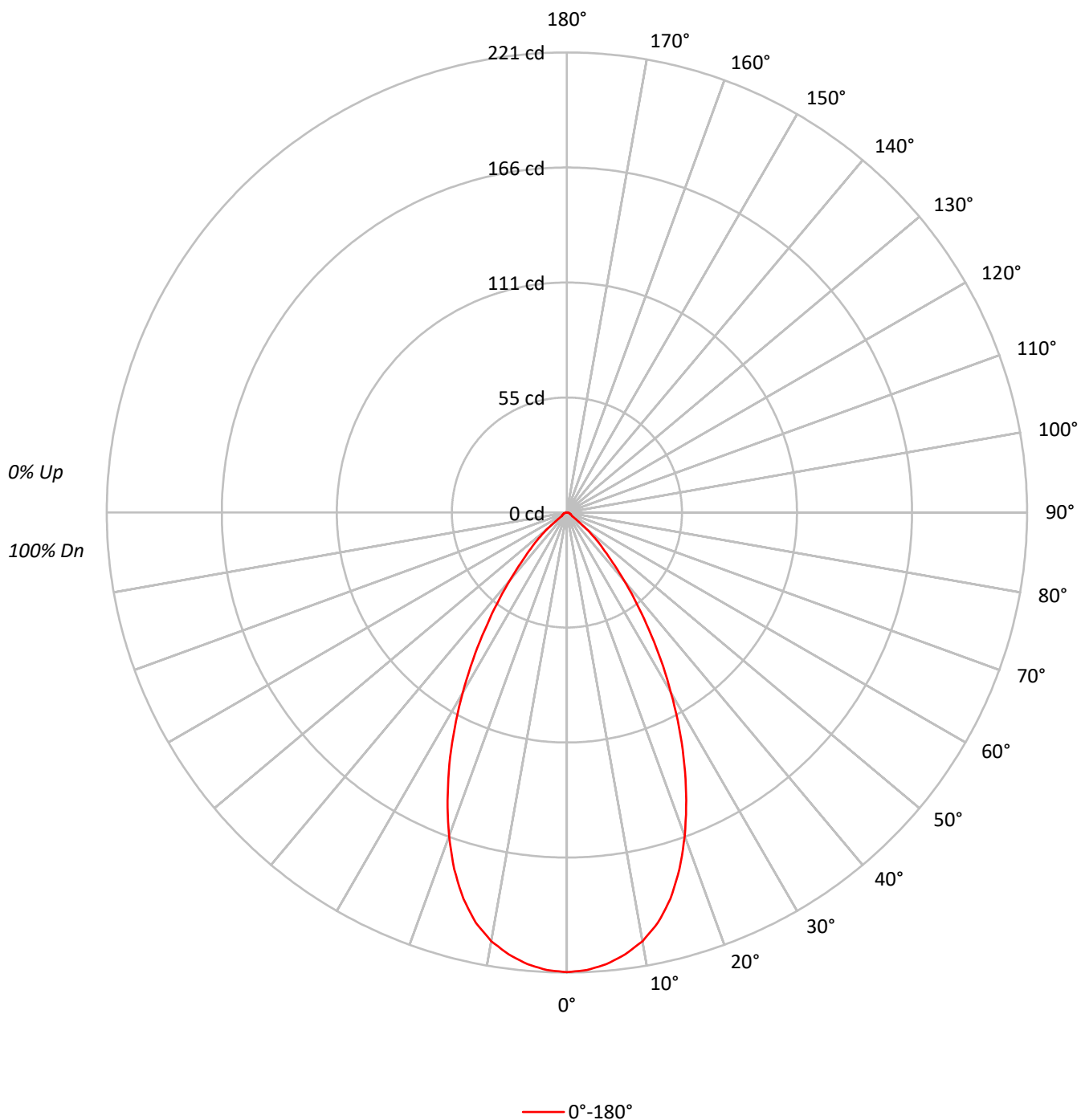
Lumens per Lamp: N/A
Luminaire Lumens: 205.0 lumens
Efficiency: N/A
Efficacy: 34.7 lumens/watt
Spacing Criteria (0/90/45): 0.87 / 0.87 / 0.87
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1282182

CATALOG NUMBER: P3AS05R60B2750DE010 E3DL1GPH_2700K

Luminous Intensity Polar Plot



TEST NUMBER: P1282182

CATALOG NUMBER: P3AS05R60B2750DE010 E3DL1GPH_2700K

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	50	30	10
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		
1	113	110	108	105	111	108	106	103	104	102	100	100	99	97	97	96	94	93		
2	107	102	98	94	105	100	96	93	97	94	91	94	91	89	91	89	87	85		
3	101	95	89	85	99	93	88	84	90	86	83	88	85	82	86	83	80	79		
4	96	88	82	78	94	87	81	77	85	80	76	83	79	75	81	77	75	73		
5	91	82	76	71	89	81	75	71	79	74	70	78	73	70	76	72	69	68		
6	86	77	70	66	84	76	70	66	74	69	65	73	68	65	72	67	64	63		
7	82	72	66	61	80	71	65	61	70	65	61	69	64	60	67	63	60	59		
8	77	68	61	57	76	67	61	57	66	60	57	65	60	56	64	59	56	55		
9	74	64	57	53	72	63	57	53	62	57	53	61	56	53	60	56	53	51		
10	70	60	54	50	69	60	54	50	59	53	50	58	53	50	57	53	49	48		

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	48417
5°	47942
10°	46559
15°	43610
20°	38597
25°	32300
30°	25320
35°	18364
40°	12223
45°	7598
50°	4128
55°	1185
60°	1096
65°	986
70°	1026
75°	1017
80°	1010
85°	1006

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 7598 cd/sqm

TEST NUMBER: P1282182

CATALOG NUMBER: P3AS05R60B2750DE010 E3DL1GPH_2700K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	20.5	10.0
10°-20°	53.3	26.0
20°-30°	60.8	29.6
30°-40°	43.1	21.0
40°-50°	19.5	9.5
50°-60°	4.1	2.0
60°-70°	2.0	1.0
70°-80°	1.3	0.6
80°-90°	0.4	0.2
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°	134.6	65.6
0°-40°	177.7	86.6
0°-60°	201.3	98.2
0°-90°	205.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	205.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	221	
5°	218	21
15°	192	53
25°	134	61
35°	69	43
45°	24	20
55°	3	4
65°	2	2
75°	1	1
85°	0	0
90°	0	

TEST NUMBER: P1282182

CATALOG NUMBER: P3AS05R60B2750DE010 E3DL1GPH_2700K

CANDELA DISTRIBUTION (FULL):

0°	
0°	220.8
2.5°	220.0
5°	217.8
7.5°	214.1
10°	209.1
12.5°	201.9
15°	192.1
17.5°	179.8
20°	165.4
22.5°	149.8
25°	133.5
27.5°	116.7
30°	100.0
32.5°	84.0
35°	68.6
37.5°	54.9
40°	42.7
42.5°	32.3
45°	24.5
47.5°	18.3
50°	12.1
52.5°	5.7
55°	3.1
57.5°	2.7
60°	2.5
62.5°	2.3
65°	1.9
67.5°	1.8
70°	1.6
72.5°	1.4
75°	1.2
77.5°	1.0
80°	0.8
82.5°	0.6
85°	0.4
87.5°	0.2
90°	0.0

(END OF REPORT)