

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: P1285260

Luminaire Tested: P3AS13R45B2750DE010 E3DLP1GPH_4000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1285260
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-25)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R45B2750DE010 E3DLP1GPH_4000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R45 optic, 4000K CCT AND, 80CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

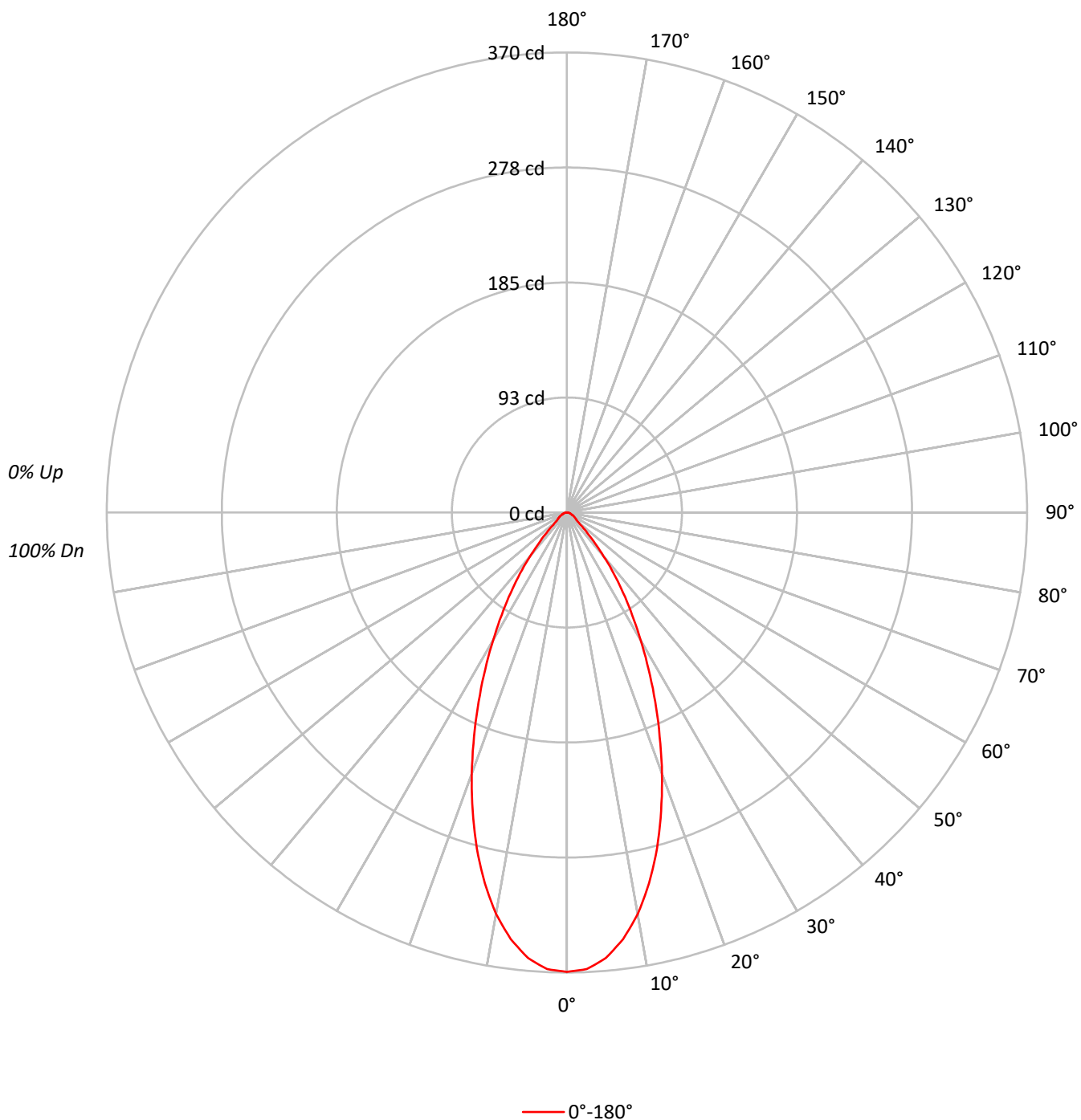
Lumens per Lamp: N/A
Luminaire Lumens: 272.0 lumens
Efficiency: N/A
Efficacy: 14.2 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.76
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 19.1
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: P1285260

CATALOG NUMBER: P3AS13R45B2750DE010 E3DLP1GPH_4000K

Luminous Intensity Polar Plot



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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	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	86
3	102	95	90	85	100	93	89	85	91	87	83		88	85	82		86	83	81	79
4	96	88	83	78	94	87	82	78	85	81	77		83	79	76		81	78	75	74
5	91	83	77	72	90	82	76	72	80	75	71		78	74	71		77	73	70	69
6	87	78	72	67	85	77	71	67	75	70	66		74	69	66		73	69	66	64
7	83	73	67	63	81	72	67	63	71	66	62		70	65	62		69	65	61	60
8	79	69	63	59	77	68	63	59	67	62	58		66	62	58		65	61	58	56
9	75	65	59	55	74	65	59	55	64	59	55		63	58	55		62	58	55	53
10	72	62	56	52	71	61	56	52	61	55	52		60	55	52		59	55	52	50

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	81024
5°	79177
10°	73034
15°	63496
20°	52178
25°	40599
30°	29979
35°	21094
40°	13168
45°	7133
50°	3855
55°	3326
60°	2982
65°	2542
70°	2180
75°	2203
80°	1894
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
Vertical Angle: 45°
Luminance: 7133 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	33.3	12.2
10°-20°	77.3	28.4
20°-30°	76.8	28.2
30°-40°	49.4	18.2
40°-50°	19.1	7.0
50°-60°	7.7	2.8
60°-70°	4.9	1.8
70°-80°	2.6	1.0
80°-90°	0.8	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°	187.4	68.9
0°-40°	236.9	87.1
0°-60°	263.6	96.9
0°-90°	272.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	272.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	370	
5°	360	33
15°	280	77
25°	168	77
35°	79	49
45°	23	19
55°	9	8
65°	5	5
75°	3	3
85°	1	1
90°	0	

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CANDELA DISTRIBUTION (FULL):

0°	
0°	369.5
2.5°	367.6
5°	359.7
7.5°	346.1
10°	328.0
12.5°	305.4
15°	279.7
17.5°	251.8
20°	223.6
22.5°	194.9
25°	167.8
27.5°	142.1
30°	118.4
32.5°	97.6
35°	78.8
37.5°	61.8
40°	46.0
42.5°	33.2
45°	23.0
47.5°	15.5
50°	11.3
52.5°	9.4
55°	8.7
57.5°	7.5
60°	6.8
62.5°	5.7
65°	4.9
67.5°	4.1
70°	3.4
72.5°	3.0
75°	2.6
77.5°	1.9
80°	1.5
82.5°	1.1
85°	0.8
87.5°	0.4
90°	0.0

(END OF REPORT)