

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: P1285136

Luminaire Tested: P3AS13R40B2750DE010 E3DLP1GPH_5000K

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1285136
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-21)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R40B2750DE010 E3DLP1GPH_5000K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R40 optic, 5000K CCT AND, 80CRI , E3DLP1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

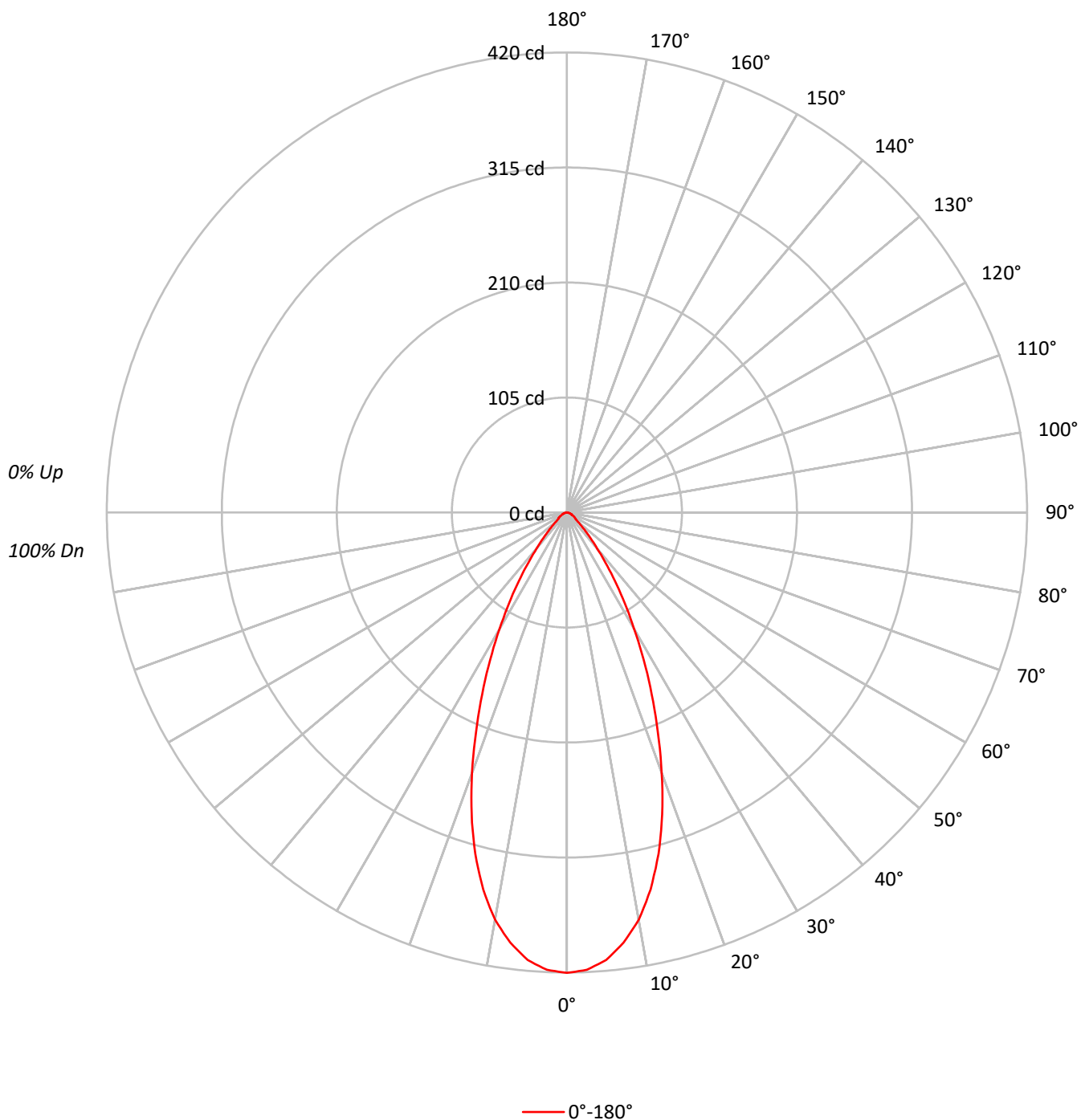
Lumens per Lamp: N/A
Luminaire Lumens: 296.0 lumens
Efficiency: N/A
Efficacy: 15.5 lumens/watt
Spacing Criteria (0/90/45): 0.73 / 0.73 / 0.74
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

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: P1285136

CATALOG NUMBER: P3AS13R40B2750DE010 E3DLP1GPH_5000K

Luminous Intensity Polar Plot



TEST NUMBER: P1285136

CATALOG NUMBER: P3AS13R40B2750DE010 E3DLP1GPH_5000K

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				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	108	105	111	108	106	104	104	102	100		100	99	97		97	96	95		93
2	107	102	98	95	105	101	97	94	97	94	91		94	92	89		92	89	88		86
3	102	95	90	86	100	94	89	85	91	87	84		89	85	83		86	84	81		80
4	97	89	83	79	95	88	83	79	86	81	78		84	80	77		82	79	76		74
5	92	83	77	73	90	82	77	73	81	76	72		79	75	72		77	74	71		69
6	87	78	72	68	86	78	72	68	76	71	67		75	70	67		73	69	66		65
7	83	74	68	64	82	73	68	64	72	67	63		71	66	63		70	66	62		61
8	79	70	64	60	78	69	64	60	68	63	59		67	63	59		66	62	59		58
9	76	66	60	56	75	66	60	56	65	60	56		64	59	56		63	59	56		54
10	72	63	57	53	71	62	57	53	62	57	53		61	56	53		60	56	53		51

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	92164
5°	90293
10°	84078
15°	73281
20°	59062
25°	44277
30°	31119
35°	20398
40°	12337
45°	7381
50°	4401
55°	3555
60°	3201
65°	2698
70°	2565
75°	2033
80°	2020
85°	2013

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 7381 cd/sqm

TEST NUMBER: P1285136

CATALOG NUMBER: P3AS13R40B2750DE010 E3DLP1GPH_5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	38.1	12.9
10°-20°	88.9	30.0
20°-30°	83.8	28.3
30°-40°	48.4	16.4
40°-50°	19.3	6.5
50°-60°	8.6	2.9
60°-70°	5.3	1.8
70°-80°	2.7	0.9
80°-90°	0.9	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°	210.8	71.2
0°-40°	259.2	87.6
0°-60°	287.1	97.0
0°-90°	296.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	296.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	420	
5°	410	38
15°	323	89
25°	183	84
35°	76	48
45°	24	19
55°	9	9
65°	5	5
75°	2	3
85°	1	1
90°	0	

TEST NUMBER: P1285136

CATALOG NUMBER: P3AS13R40B2750DE010 E3DLP1GPH_5000K

CANDELA DISTRIBUTION (FULL):

0°	
0°	420.3
2.5°	417.9
5°	410.2
7.5°	396.1
10°	377.6
12.5°	352.6
15°	322.8
17.5°	289.3
20°	253.1
22.5°	216.8
25°	183.0
27.5°	151.5
30°	122.9
32.5°	97.9
35°	76.2
37.5°	57.6
40°	43.1
42.5°	32.2
45°	23.8
47.5°	17.3
50°	12.9
52.5°	10.5
55°	9.3
57.5°	8.5
60°	7.3
62.5°	6.0
65°	5.2
67.5°	4.4
70°	4.0
72.5°	3.2
75°	2.4
77.5°	2.0
80°	1.6
82.5°	1.2
85°	0.8
87.5°	0.4
90°	0.0

(END OF REPORT)