

Scaled data based on original data using

LM-41-14 Approved Method for Photometric Testing Of Indoor Fluorescent Luminaires

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: io LED

Report Number: P1192761

Luminaire Tested: **LDA6A70950D010TE LARH40FL 6LAL1LI**

Issue Date: 3/3/2020



Test Information

Test Method: LM-41-14
Report Number: P1192761
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P26680)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: io LED
Catalog Number: LDA6A70950D010TE LARH40FL 6LAL1LI
Description: PORTFOLIO 6" Lensed Adjustable, Self-flanged, 40° Flood
Light Source: (1) HIGH LUMEN LED 90CRI / 5000K CCT
Ballast/Driver: ELECTRONIC DRIVER

Summary

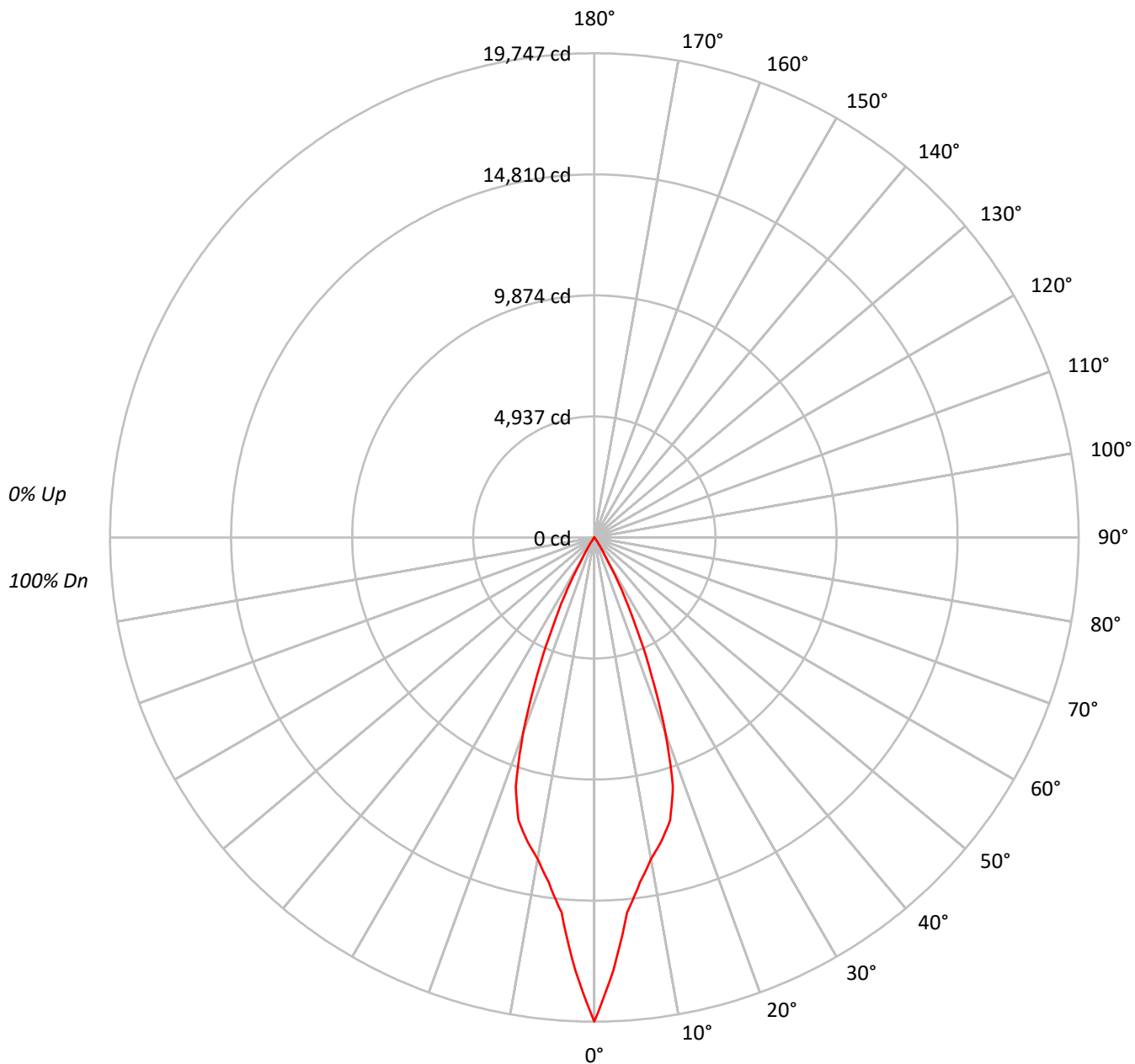
Lumens per Lamp: N/A
Luminaire Lumens: 6733.9 lumens
Efficiency: N/A
Efficacy: 86.2 lumens/watt
Spacing Criteria (0/90/45): 0.59 / 0.59 / 0.58
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 78.1
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: 25 FT

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Luminous Intensity Polar Plot



Cooper Lighting Solutions Photometric Lab

1121 Highway 74 South

Peachtree City, GA 30269



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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
RCR																				
0	119	119	119	119	116	116	116	116		111	111	111			106	106	106			102
1	115	112	110	108	112	110	108	107		106	105	103			103	101	100			99
2	110	107	103	101	108	105	102	99		102	99	97			99	97	95			96
3	106	101	97	94	105	100	96	94		98	95	92			95	93	91			93
4	103	97	92	89	101	96	92	89		94	90	88			92	89	87			90
5	99	93	88	85	98	92	87	84		90	86	84			88	85	83			87
6	96	89	84	81	94	88	84	80		87	83	80			85	82	79			84
7	92	85	80	77	91	85	80	77		83	79	77			82	79	76			81
8	89	82	77	74	88	81	77	74		80	76	74			79	76	73			79
9	86	79	74	71	85	78	74	71		78	74	71			77	73	71			76
10	83	76	71	68	83	76	71	68		75	71	68			74	71	68			74

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1082539
5°	845205
10°	741213
15°	677427
20°	494809
25°	241447
30°	58927
35°	13465
40°	2905
45°	1326
50°	665
55°	1004
60°	1009
65°	856
70°	609
75°	530
80°	442
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1423.0	21.1
10°-20°	3205.3	47.6
20°-30°	1888.2	28.0
30°-40°	184.3	2.7
40°-50°	14.8	0.2
50°-60°	8.4	0.1
60°-70°	6.4	0.1
70°-80°	3.0	0.0
80°-90°	0.6	0.0
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°	6516.5	96.8
0°-40°	6700.7	99.5
0°-60°	6723.9	99.9
0°-90°	6733.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	6733.9	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	19747	
5°	15359	###
15°	11936	3205
25°	3992	1888
35°	201	184
45°	17	15
55°	10	8
65°	7	6
75°	2	3
85°	0	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	19747.1
2.5°	17674.8
5°	15359.1
7.5°	14203.3
10°	13315.4
12.5°	12669.6
15°	11936.2
17.5°	10645.5
20°	8481.7
22.5°	6117.7
25°	3991.7
27.5°	2382.3
30°	930.9
32.5°	487.7
35°	201.2
37.5°	66.7
40°	40.6
42.5°	26.2
45°	17.1
47.5°	10.5
50°	7.8
52.5°	9.2
55°	10.5
57.5°	9.2
60°	9.2
62.5°	7.8
65°	6.6
67.5°	5.2
70°	3.8
72.5°	3.8
75°	2.5
77.5°	2.5
80°	1.4
82.5°	1.4
85°	0.0
87.5°	0.0
90°	0.0

Classified

Scaled Data Report

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1121 Highway 74 South

Peachtree City, GA 30269



Report Generated By 670245859 / DESKTOP-T8S5UU9

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1121 Highway 74 South

Peachtree City, GA 30269

Scaled Data Report



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Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
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Scaled Data Report



— 0°-180°

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Scaled Data Report



(END OF REPORT)