

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: P1192541

Luminaire Tested: **LDA6A60930D010TE LARH40FL 6LFC1H**

Issue Date: 3/3/2020

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

**Test Information**

Test Method: LM-41-14
Report Number: P1192541
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P26683)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: io LED
Catalog Number: LDA6A60930D010TE LARH40FL 6LFC1H
Description: PORTFOLIO 6" Flat Cone, Self-flanged, 40° Flood
Light Source: (1) HIGH LUMEN LED 90CRI / 3000K CCT
Ballast/Driver: ELECTRONIC DRIVER

Summary

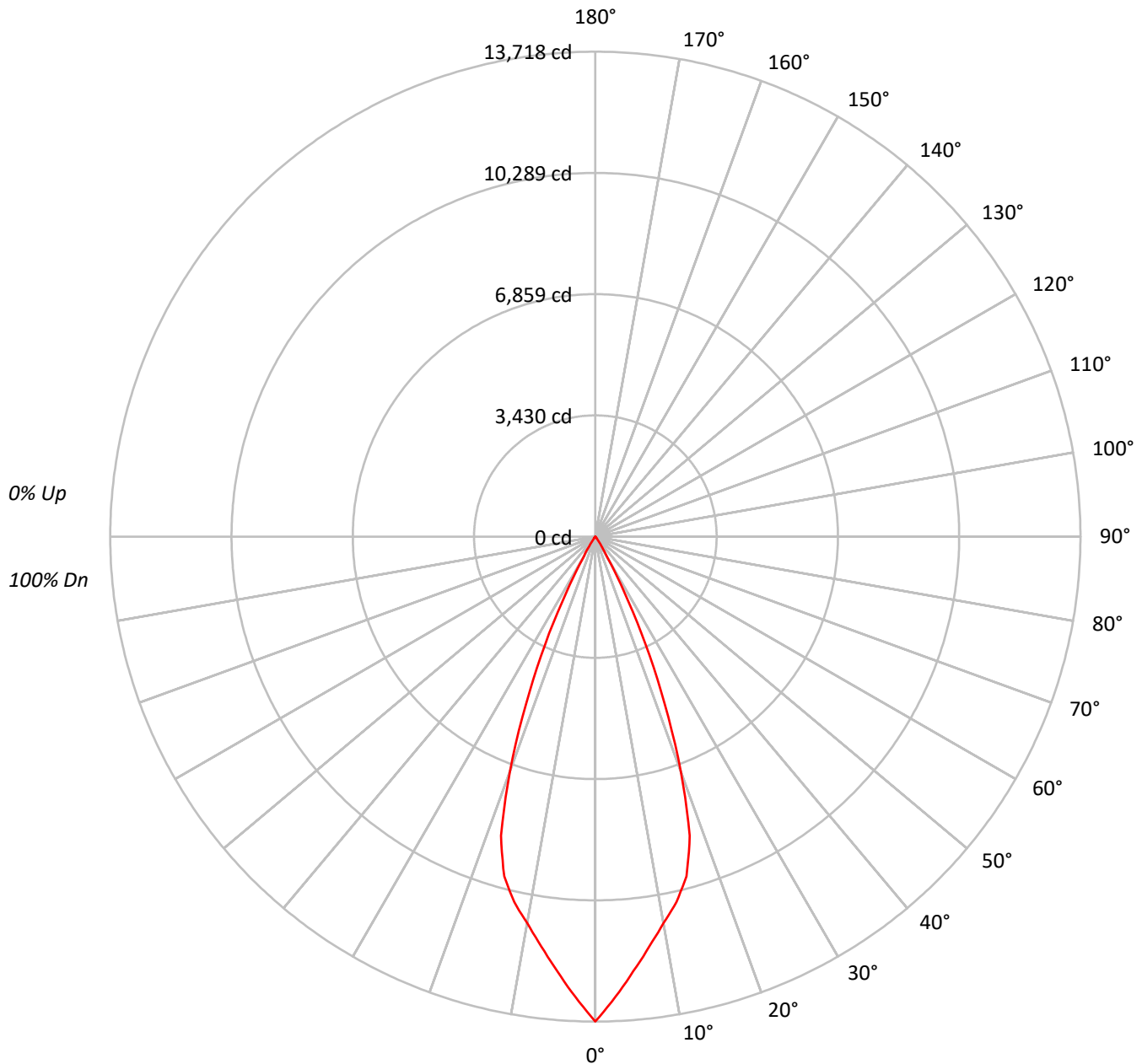
Lumens per Lamp: N/A
Luminaire Lumens: 5510.2 lumens
Efficiency: N/A
Efficacy: 76.7 lumens/watt
Spacing Criteria (0/90/45): 0.67 / 0.67 / 0.61
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 71.8
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





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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	104		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	97	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	88	84	90	86	84		89	85	83		87
6	96	89	84	81	94	88	84	81	87	83	80		85	82	80		84
7	92	85	81	77	91	85	80	77	83	80	77		82	79	76		81
8	89	82	77	74	88	81	77	74	80	77	74		80	76	73		79
9	86	79	74	71	85	78	74	71	78	74	71		77	73	71		76
10	84	76	72	69	83	76	71	68	75	71	68		74	71	68		74

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	752001
5°	678982
10°	617891
15°	564827
20°	412231
25°	203020
30°	43994
35°	8359
40°	2233
45°	985
50°	580
55°	468
60°	428
65°	376
70°	305
75°	212
80°	0
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1141.2	20.7
10°-20°	2673.4	48.5
20°-30°	1542.2	28.0
30°-40°	134.1	2.4
40°-50°	11.2	0.2
50°-60°	4.4	0.1
60°-70°	2.6	0.0
70°-80°	1.0	0.0
80°-90°	0.0	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°	5356.9	97.2
0°-40°	5491.0	99.7
0°-60°	5506.6	99.9
0°-90°	5510.2	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5510.2	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	13718	
5°	12338	###
15°	9952	2673
25°	3356	1542
35°	125	134
45°	13	11
55°	5	4
65°	3	3
75°	1	1
85°	0	0
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	13717.6
2.5°	13029.6
5°	12338.5
7.5°	11692.4
10°	11100.0
12.5°	10589.5
15°	9952.2
17.5°	8871.8
20°	7066.2
22.5°	5115.2
25°	3356.4
27.5°	1739.3
30°	695.0
32.5°	365.0
35°	124.9
37.5°	51.7
40°	31.2
42.5°	19.5
45°	12.7
47.5°	7.8
50°	6.8
52.5°	5.8
55°	4.9
57.5°	3.9
60°	3.9
62.5°	2.9
65°	2.9
67.5°	1.9
70°	1.9
72.5°	1.0
75°	1.0
77.5°	1.0
80°	0.0
82.5°	0.0
85°	0.0
87.5°	0.0
90°	0.0

Classified

Scaled Data Report

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1121 Highway 74 South

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Report Generated By 670245859 / DESKTOP-T8S5UU9

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Peachtree City, GA 30269

Scaled Data Report



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Scaled Data Report



— 0°-180°

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(END OF REPORT)