

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: P1192806

Luminaire Tested: **LDA6A75935D010TE LARH30NF 6LAL1LI**

Issue Date: 3/3/2020



Test Information

Test Method: LM-41-14
Report Number: P1192806
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P26679)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: io LED
Catalog Number: LDA6A75935D010TE LARH30NF 6LAL1LI
Description: PORTFOLIO 6" Lensed Adjustable, Self-flanged, 30° Narrow Flood
Light Source: (1) HIGH LUMEN LED 90CRI / 3500K CCT
Ballast/Driver: ELECTRONIC DRIVER

Summary

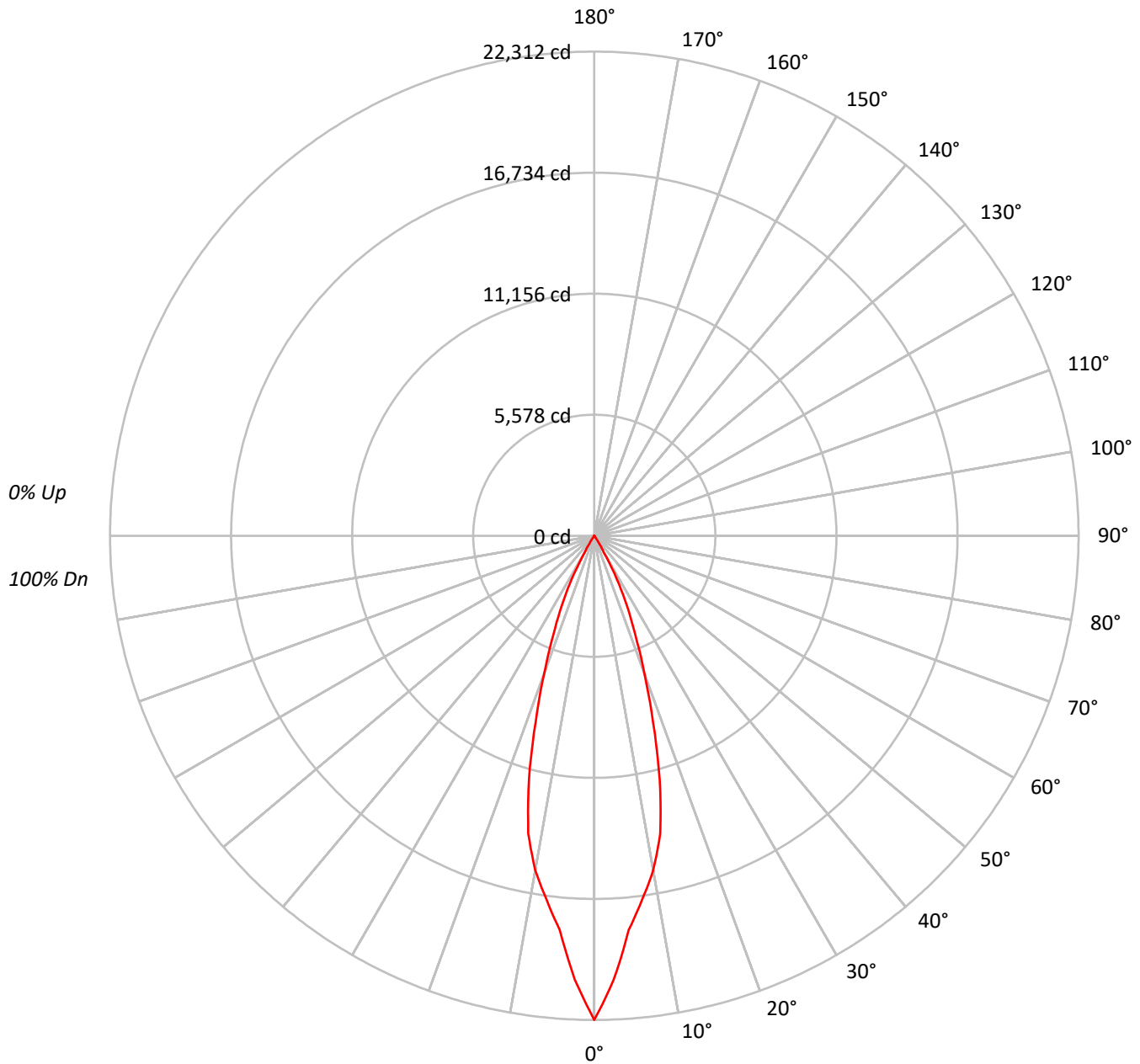
Lumens per Lamp: N/A
Luminaire Lumens: 6559.3 lumens
Efficiency: N/A
Efficacy: 75.5 lumens/watt
Spacing Criteria (0/90/45): 0.51 / 0.51 / 0.51
Luminous Opening: Circular (Dia: 0.5' x H: 0')
CIE Type: Direct

Input Watts (W): 86.9
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: 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	30	10
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	115	113	111	109		112	110	109	107		106	105	104		103	102	101		99	99	98
2	111	107	104	101		109	105	102	100		102	100	98		99	97	96		97	95	94
3	107	102	98	95		105	101	97	94		98	95	93		96	94	92		94	92	90
4	103	98	93	90		102	97	93	90		95	91	89		93	90	88		91	89	87
5	100	94	89	86		99	93	89	86		91	88	85		90	87	84		88	86	84
6	97	90	86	82		95	89	85	82		88	84	82		87	84	81		86	83	81
7	94	87	82	79		93	86	82	79		85	81	79		84	81	78		83	80	78
8	91	84	79	76		90	83	79	76		82	78	76		81	78	75		80	77	75
9	88	81	76	73		87	80	76	73		80	76	73		79	75	73		78	75	73
10	85	78	74	71		84	78	74	71		77	73	71		76	73	71		76	73	70

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	1223142
5°	1003563
10°	871160
15°	659839
20°	392157
25°	213623
30°	55179
35°	5160
40°	2190
45°	1132
50°	571
55°	889
60°	866
65°	687
70°	641
75°	551
80°	442
85°	0



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1678.2	25.6
10°-20°	3113.8	47.5
20°-30°	1597.9	24.4
30°-40°	140.4	2.1
40°-50°	12.4	0.2
50°-60°	7.6	0.1
60°-70°	5.4	0.1
70°-80°	3.1	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°	6389.8	97.4
0°-40°	6530.2	99.6
0°-60°	6550.2	99.9
0°-90°	6559.3	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	6559.3	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	22312	
5°	18237	###
15°	11626	3114
25°	3532	1598
35°	77	140
45°	15	12
55°	9	8
65°	5	5
75°	3	3
85°	0	1
90°	0	



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CANDELA DISTRIBUTION (FULL):

	0°
0°	22311.9
2.5°	20476.9
5°	18236.8
7.5°	16904.1
10°	15649.8
12.5°	14051.4
15°	11626.3
17.5°	8990.2
20°	6722.1
22.5°	4909.6
25°	3531.7
27.5°	2232.2
30°	871.7
32.5°	382.6
35°	77.1
37.5°	43.8
40°	30.6
42.5°	21.3
45°	14.6
47.5°	10.6
50°	6.7
52.5°	7.9
55°	9.3
57.5°	9.3
60°	7.9
62.5°	6.7
65°	5.3
67.5°	4.0
70°	4.0
72.5°	4.0
75°	2.6
77.5°	2.6
80°	1.4
82.5°	1.4
85°	0.0
87.5°	0.0
90°	0.0

Classified

Scaled Data Report

Cooper Lighting Solutions Photometric Lab

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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— 0°-180°

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(END OF REPORT)