

Report of Test

LLIA000864-001A

Catalog Number:

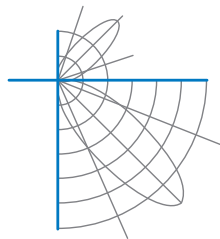
Pendant mounted, spun white enamel aluminum housing, formed white enamel aluminum mounting plate, open top. 5 Citizen CLU048-1818C4 white LEDs with extruded aluminum heatsinks and cooling fans under each, clear patterned hemispherical lenses above each. Five Advance Xitanium XI095C275V054BSS1 LED drivers 120.0Vac, 60.00Hz, 3.778A, 452.1W, 0.997PF, 5.6%THD(i)



Performance Summary

Total Light Output	50456 lm
Luminaire Power	452.1 W
Luminous Efficacy	111.6 lm/W

PREPARED FOR : Lumen Focus, LLC, 880 Facet Road, Henderson, NC 27537, USA

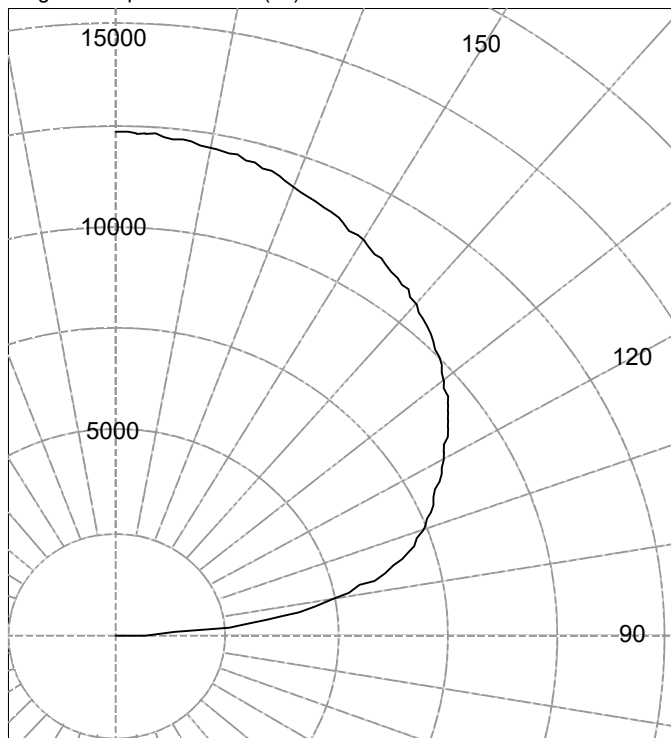


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Legend: All planes - Solid (cd)



(Rotational symmetry)

INTENSITY SUMMARY (cd)

Gamma	All Planes	Flux (lm)	Gamma	C0	Flux (lm)
0	0		90	30	
5	0	0	95	2989	3042
10	0		100	5024	
15	0	0	105	6521	6760
20	0		110	7351	
25	0	0	115	7964	7898
30	0		120	8578	
35	0	0	125	9165	8207
40	0		130	9710	
45	0	0	135	10159	7855
50	0		140	10580	
55	0	0	145	10923	6843
60	0		150	11175	
65	0	0	155	11450	5292
70	0		160	11735	
75	0	0	165	11991	3388
80	0		170	12158	
85	0	0	175	12286	1169
90	30		180	12340	

ZONAL FLUX AND PERCENTAGES

Zone	Flux (lm)	%Lamp	%Luminaire
180-150	9849	N / A	19.5
180-140	16692	N / A	33.1
180-120	32755	N / A	64.9
180-90	50456	N / A	100.0
140-90	33763	N / A	66.9
120-90	17701	N / A	35.1
90-0	0	N / A	0.0
180-0	50456	N / A	100.0

Total Light Output = 50,456 lm

Signed:

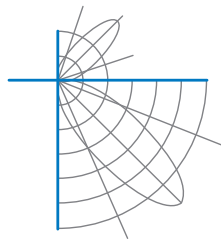
Authorized Signatory

Date of test

20-Sep-2017

Date of report

22-Sep-2017



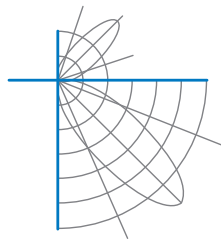
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Intensity (cd) and Flux (lm) data

Gamma	Intensity	Flux	Gamma	Intensity	Flux
0.0	0		90.0	30	
2.5	0		92.5	1662	
5.0	0	0	95.0	2989	
7.5	0		97.5	4008	3042
10.0	0		100.0	5024	
12.5	0		102.5	5836	
15.0	0	0	105.0	6521	
17.5	0		107.5	6996	6760
20.0	0		110.0	7351	
22.5	0		112.5	7655	
25.0	0	0	115.0	7964	
27.5	0		117.5	8275	7898
30.0	0		120.0	8578	
32.5	0		122.5	8875	
35.0	0	0	125.0	9165	
37.5	0		127.5	9449	8207
40.0	0		130.0	9710	
42.5	0		132.5	9946	
45.0	0	0	135.0	10159	
47.5	0		137.5	10369	7855
50.0	0		140.0	10580	
52.5	0		142.5	10767	
55.0	0	0	145.0	10923	
57.5	0		147.5	11050	6843
60.0	0		150.0	11175	
62.5	0		152.5	11311	
65.0	0	0	155.0	11450	
67.5	0		157.5	11591	5292
70.0	0		160.0	11735	
72.5	0		162.5	11872	
75.0	0	0	165.0	11991	
77.5	0		167.5	12082	3388
80.0	0		170.0	12158	
82.5	0		172.5	12229	
85.0	0	0	175.0	12286	
87.5	0		177.5	12326	1169
90.0	30		180.0	12340	

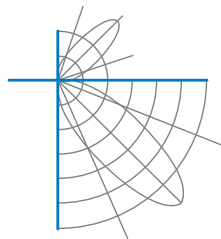


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Test Distance 9.5 m
Test Temperature 25.0 °C

Notes

The laboratory has not participated in the selection of samples to be tested. All testing is performed on the understanding that the significance of the report is limited to the extent that the test sample is representative of production units.

Tested in accordance with the applicable sections of publications: IES LM-79-08 (Sec. 12), IES LM-16-93, IES LM-58-13, CIE 13.3:1995, CIE 15:2004, ANSI C78.377:2015, ANSI C82.77-10:2014.

The luminous intensity values, and other derived quantities, contained in this report are based on the absolute data, as measured.

Prorating the performance of the sample for the use of other component combinations (such as lamp / LED / Ballast / driver), or for use in different environmental conditions than that tested, may produce erroneous results.

This report is free of erasures and corrections.

Photometric intensity values are reported using the CIE Gamma coordinate system as defined in CIE publication number 121.

This report may contain data that are not covered by the NVLAP accreditation. Quantities marked with * are not covered.

This report must not be used by the customer to claim product certification, approval or endorsement by NVLAP, NIST, or any agency of the Federal Government.