

Report of Test

LLIA000800-001A

Catalog Number: GATHIWUV850C6

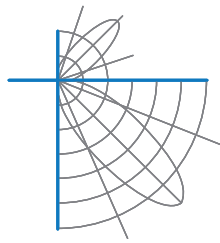
Pendant mounted, spun white enamel aluminum housing, formed white enamel aluminum mounting plate, open top. 5 Citizen CLU048-1818C4 white LEDs with extruded aluminum heatsinks and cooling fans under each, clear patterned hemispherical lenses above each. Five Advance Xitanium XI095C275V054BSS1 LED drivers 120.0Vac, 60.00Hz, 3.381A, 404.4W, 0.997PF, 6.4%THD(i)



Performance Summary

Total Light Output	46870 lm
Luminaire Power	404.3 W
Luminous Efficacy	115.9 lm/W

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

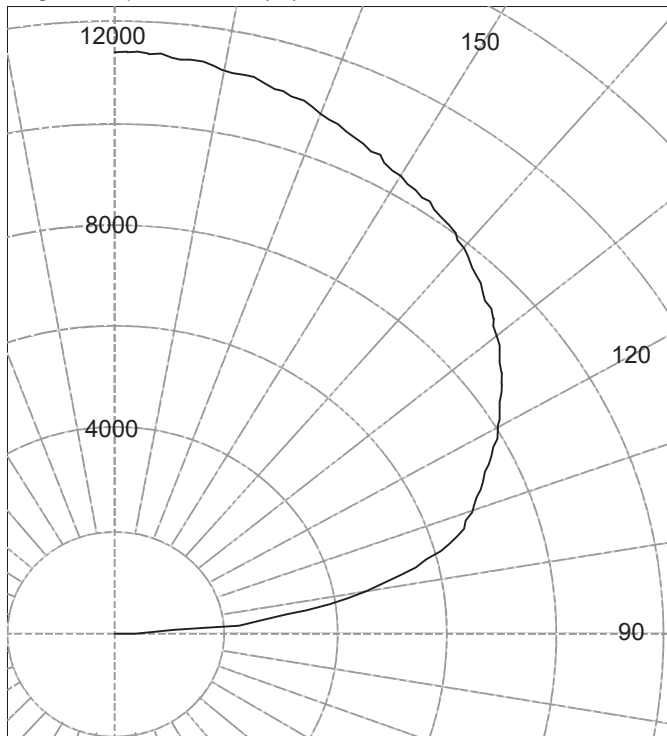


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Legend: All planes - Solid (cd)



(Rotational symmetry)

INTENSITY SUMMARY (cd)

Gamma	All Planes	Flux (lm)	Gamma	C0	Flux (lm)
0	0		90	13	
5	0	0	95	2704	2740
10	0		100	4666	
15	0	0	105	6093	6309
20	0		110	6866	
25	0	0	115	7432	7373
30	0		120	8015	
35	0	0	125	8560	7663
40	0		130	9056	
45	0	0	135	9456	7313
50	0		140	9834	
55	0	0	145	10140	6352
60	0		150	10353	
65	0	0	155	10605	4901
70	0		160	10865	
75	0	0	165	11105	3137
80	0		170	11251	
85	0	0	175	11367	1081
90	13		180	11413	

ZONAL FLUX AND PERCENTAGES

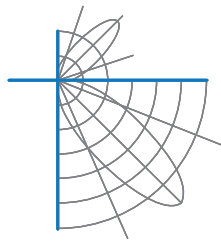
Zone	Flux (lm)	%Lamp	%Luminaire
180-150	9120	N / A	19.5
180-140	15472	N / A	33.0
180-120	30448	N / A	65.0
180-90	46869	N / A	100.0
140-90	31398	N / A	67.0
120-90	16422	N / A	35.0
90-0	0	N / A	0.0
180-0	46869	N / A	100.0

Total Light Output = 46,870 lm

Signed: Michael Grather
Digitally signed by Michael Grather
Date: 2017.06.16 17:57:03 -04'00'

Michael L. Grather
Authorized Signatory

Date of test 14-Jun-2017
Date of report 16-Jun-2017



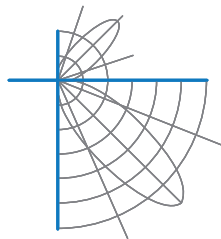
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Intensity (cd) and Flux (lm) data

Gamma	Intensity	Flux	Gamma	Intensity	Flux
0.0	0		90.0	13	
2.5	0		92.5	1389	
5.0	0	0	95.0	2704	
7.5	0		97.5	3704	2740
10.0	0		100.0	4666	
12.5	0		102.5	5439	
15.0	0	0	105.0	6093	
17.5	0		107.5	6554	6309
20.0	0		110.0	6866	
22.5	0		112.5	7141	
25.0	0	0	115.0	7432	
27.5	0		117.5	7729	7373
30.0	0		120.0	8015	
32.5	0		122.5	8289	
35.0	0	0	125.0	8560	
37.5	0		127.5	8821	7663
40.0	0		130.0	9056	
42.5	0		132.5	9268	
45.0	0	0	135.0	9456	
47.5	0		137.5	9643	7313
50.0	0		140.0	9834	
52.5	0		142.5	10003	
55.0	0	0	145.0	10140	
57.5	0		147.5	10247	6352
60.0	0		150.0	10353	
62.5	0		152.5	10476	
65.0	0	0	155.0	10605	
67.5	0		157.5	10733	4901
70.0	0		160.0	10865	
72.5	0		162.5	10995	
75.0	0	0	165.0	11105	
77.5	0		167.5	11186	3137
80.0	0		170.0	11251	
82.5	0		172.5	11315	
85.0	0	0	175.0	11367	
87.5	0		177.5	11401	1081
90.0	13		180.0	11413	

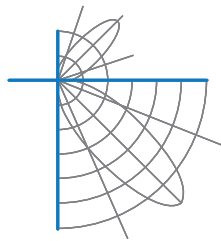


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Test Distance 9.5 m
Test Temperature 25.3 °C

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.