

Report of Test LLI-20336

LED Roadway Lighting - Roadway luminaire. Product ID: NXT-12C-5-X-XXX-5-XX-X-XX-X-XX

Grey cast aluminum housing with clear flat glass lens.

12 LEDs in one 4 x 3 array with clear plastic sheet of individual lenses.

One Philips Xitanium LED driver. Model: 929000708803 set to 525ma.

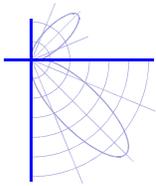
Operating at 230v AC and 50 Hz.



Electrical test of ten driver samples in same fixture.

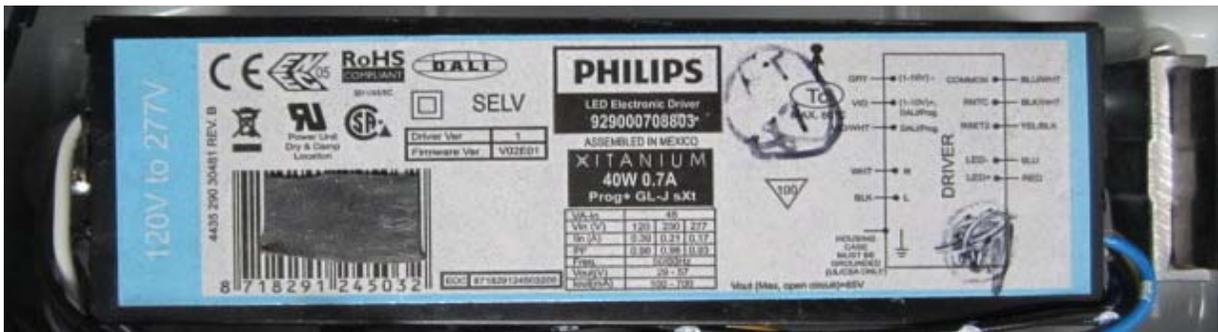
All other variables remain constant.

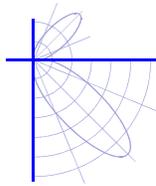
Prepared for : LED Roadway Lighting Ltd, 115 Chain Lake Drive, Halifax. NS Canada



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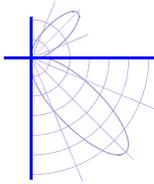




Test Report No. LLI-20336-1

LED Roadway Lighting - Roadway luminaire. Product ID: NXT-12C-5-X-XXX-5-XX-X-XX-X-XX
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Driver Sample	Amps A	Watts W	Power Factor	THDi %
1	0.101	21.37	0.919	10.57
2	0.102	21.52	0.920	9.80
3	0.101	21.52	0.923	9.00
4	0.102	21.68	0.923	8.88
5	0.102	21.60	0.921	9.23
6	0.102	21.49	0.921	9.44
7	0.103	21.86	0.923	8.94
8	0.102	21.57	0.921	9.50
9	0.102	21.53	0.922	9.46
10	0.101	21.49	0.922	9.29
Min	0.101	21.37	0.919	8.88
Max	0.103	21.86	0.923	10.57
Avg	0.102	21.56	0.922	9.41



Test Report No. LLI-20336-1

LED Roadway Lighting - Roadway luminaire. Product ID: NXT-12C-5-X-XXX-5-XX-X-XX-X-XX
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Operating at 230v AC and 50 Hz.

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.

This report is free of erasures and corrections.

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.

Signed: 
Ryder Tunney
Authorized Signatory

Date of test 3-Dec-2020
Date of report 8-Dec-2020