



# Certificate of Compliance

**Certificate:** 70168856

**Master Contract:** 155068

**Project:** 70168856

**Date Issued:** January 5, 2018


**Issued to:** Philips Lighting North America Corporation.  
O'Hare International Center  
10275 W. Higgins Rd.  
ROSEMONT, IL 60018-560  
U.S.A.

**Attention:** Mr. Ernesto Mendoza

*The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US (indicating that products have been manufactured to the requirements of both Canadian and US Standards) or with adjacent indicator 'US' for US only or without either indicator for Canada only*



**Issued by:**

  
Lina Zhao

## PRODUCTS

CLASS 3426 32 - LUMINAIRES - LED Drivers

CLASS 3426 92 - LUMINAIRES - LED Drivers - Certified to US Standards

Model 9290 014 250, Input rated 110-277 V ac, 50/60Hz, 2.12~0.88A ac, Output rated 73~210V dc, 0.5~1.5 A dc, PF 0.95, Maximum output voltage is 350V dc.

Model 9290 014 249, Input rated 110-277 V ac, 50/60Hz, 2.12~0.88A ac, Output rated 104~314V dc, 0.3~1.05 A dc. PF 0.95, Maximum output voltage is 500V dc.

Model 9290 014 248, Input rated 110-277 V ac, 50/60Hz, 2.12~0.88A ac, Output rated 104~314V dc, 0.3~1.05 A dc. PF 0.95, Maximum output voltage is 500V dc.

## Notes:

1. The above devices are for use in other equipment, where the acceptability of the final combination is to be determined by CSA or other NRTL.



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## CONDITIONS OF ACCEPTABILITY

When installed in the end-use equipment, the following are among the considerations to be made:

1. These products are for use only in (or with) complete end product equipment where the acceptability of the combination is determined by CSA International or others having jurisdiction.
2. The products shall be installed in compliance with the enclosure, mounting, mounting surface, spacing, and segregation requirements of the End Product in which it is employed. Suitability shall be determined during End Product Certification Evaluation.
3. These products have been evaluated for use in “DRY, DAMP AND WET LOCATION”.
4. This enclosure of these products must be grounded when installed into end product.
5. The Connector of model 9290 014 249 shall be determined during End Product Certification Evaluation.
6. These products were evaluated for use within the parameters of its marked ratings. In the final application, the enclosure temperature shall be within the marking rating - maximum enclosure (case) temperature  $T_c$  of 85 °C.
7. These products are dimmable using a low voltage 0-10 V proprietary interface. The dimming interface circuit has been evaluated for isolation from primary (input) circuits and secondary circuit. The maximum output parameters of the 0-10 V interface met the limitations for the Class 2 inherently limited per the UL 1310 standard.
8. Wiring:

<u>Cord with three wires inside (Input)</u>		
Brown	Blue	Green/Yellow
Line	Neutral	Grounding (EMC improvement)
<u>Cord with two wires inside (Output)</u>		
Blue	Brown	/
LED +	LED -	/
<u>Cord with two wires inside (Dimming)</u>		
Blue	Brown	/
1-10V-	1-10V+	/

## APPLICABLE REQUIREMENTS

UL8750, 2<sup>nd</sup> Ed – Light Emitting Diode (LED) Equipment for Use in Lighting Products.

CAN/CSA-C22.2 No. 250.13-14 – Light emitting diode (LED) equipment for lighting applications



## *Supplement to Certificate of Compliance*

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*The products listed, including the latest revision described below,  
are eligible to be marked in accordance with the referenced Certificate.*

### **Product Certification History**

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<b>Project</b>	<b>Date</b>	<b>Description</b>
70168856	January 5, 2018	Original Certification.