## CLASS 2 DIMMABLE LED DRIVER CONSTANT CURRENT FOR TRIAC AND ELECTRONIC LOW VOLTAGE DIMMER

## NTLD-3548-16.8W-DIM

<ul> <li>Operates w</li> <li>With Power</li> <li>Compact, li</li> <li>Designed for</li> <li>Tc Point model</li> </ul>	the From 120Vac ± 6% with industry Standard Dimmer r Factor Correction function: F ightweght in plastic case. for indoor application. easured, Max case temperatu s: Short-Circuit / Over Load / G rranty ppliant		Type : Volts :
FEATUR - Input Ranc - Operates v - With Powe - Compact, li - Designed fr Tc Point m Protections - 2 years wa - RoHS Com	the From 120Vac ± 6% with industry Standard Dimmer r Factor Correction function: f ightweght in plastic case. or indoor application. easured, Max case temperatu s: Short-Circuit / Over Load / 0 rranty ppliant	PF >0.9 re: 70°C Dver Heat and Auto-recovery Mode	Volts : Class 2 Power Supply Dimmable Constant Current Mer 10 Frequency 100 Jack Input Constant Current Mer 10 Frequency 100 Jack Input Constant Current Mer 10 Frequency 100 Jack Mer 10 Frequency 100 Ja
<ul> <li>Input Rano</li> <li>Operates v</li> <li>With Power</li> <li>Compact, li</li> <li>Designed for</li> <li>Tc Point model</li> <li>Protections</li> <li>2 years wa</li> <li>RoHS Com</li> </ul>	the From 120Vac ± 6% with industry Standard Dimmer r Factor Correction function: f ightweght in plastic case. or indoor application. easured, Max case temperatu s: Short-Circuit / Over Load / 0 rranty ppliant	PF >0.9 re: 70°C Dver Heat and Auto-recovery Mode	Mice: L0150-CA354-15 Inpat Volage: 120%c Inpat Current: 3.0 A Equiv. Output Regulated Current: 350mA Output Max. Voltage: 44Wdc ta 40 C; e7 C C Suitable for operation with main supply dimmer Mice:
<ul> <li>Operates v</li> <li>With Power</li> <li>Compact, li</li> <li>Designed for Tc Point me Protections</li> <li>2 years wa</li> <li>RoHS Com</li> </ul>	with industry Standard Dimmer r Factor Correction function: f ightweght in plastic case. for indoor application. easured, Max case temperatu s: Short-Circuit / Over Load / 0 rranty ppliant proval	PF >0.9 re: 70°C Dver Heat and Auto-recovery Mode	Mice: L0150-CA354-15 Inpat Volage: 120%c Inpat Current: 3.0 A Equiv. Output Regulated Current: 350mA Output Max. Voltage: 44Wdc ta 40 C; e7 C C Suitable for operation with main supply dimmer Mice:
Safety App	<b></b>	P65	
RoH	ESU 1933		
			Mechanical Dimension: 85Lx54Wx32.5H mm
	Model No.	NTLD03548-16W-DIM	
	Voltage Range (VAC)	120 Vac ± 6%	
	Frequency Range (Hz)	60 Hz	
	AC Current	0.24A@115VAC	- 24 - 24 - 24 - 24 - 24 - 24 - 24 - 24
	THD(Total Harmonic Distortion)	Less than 20% at full load	
Primary	Max. Inrush Current	< 20A	
	Leakage Current	<1mA / 120 Vac	K − 32.5mm →
		<ul> <li>Standard Light Switches</li> </ul>	
	Available Dimmers	<ul> <li>Triac based Incandescent Dimmers (Standard phase - leading edge)</li> </ul>	
		<ul> <li>Electronic Low Voltage Dimmers (Reverse Phase - trailing edge)</li> </ul>	E
	Voltage Range (VDC)	30-48 Vdc	2.5m
	Ripple & Noise (max.)	4Vp-p	
Secondary	Rated Current Range (mA)	350mA ± 6%	K−−−−−−−−−−−−−−−−−−−−−−−−−−−−−−−−−−−−
becondury	Rated Power (W)	16.8W Max	
	Efficiency (Typ.)	79%	
	Hold up time	Half cycle minimum at 120VAC and 80% of rated.	
	Operating Temp.	-20 ℃~+'70 ℃ full load .	
	Operating Humidity	20% ~ 95% RH non-condensing.	
Environment	Storage Temp. / Humidity	-20 ~ +80 ℃ / 10% ~ 95% RH	
Linvironment	Ambient Temp.	25 ℃ at 120Vac	
	Vibration Frequency	5 to 50 HZ	
	MTBF	>100,000 Hours at full load and 25 °C ambient conditions(MIL-HDBK-217F)	
afety	Safety Standards	UL, cUL 1310 Class 2	
pproval	Garety Standards	FCC PART15 CLASS B	
		◆ Wiring Diagram	
	8 to 13 LE Unit in ser		
		▲350mA/48V/16.8W MAX ◆120V/60Hz	
rovide an isolate	ed, Class 2 low voltage constant c	operate directly frim AC line dimmer and urrent to properly drive the LED luminaires. f Vf should be under rated DC Voltage.	

Disconnect the mains supply before installing, Do not turn on/on
 Parameter measured at full load 25 °C ambient temperature.

## \*\*\*MAKE SURE ALL LED ARE PLUGGED BEFORE SWITCH ON \*\*\* \*\*\*\* MAKE SURE TO MEET THE REQUIRED VOLTAGE LOAD (30 to 48Vdc voltage range)\*\*\*\*

## Natech Industrie

3154 boulevard Industriel, Laval, QC, H7L 4P7 T: (450) 629-1169, F: (450) 629-1168, www.natechlighting.com, info@natechlighting.com

This specification is valid as of 2014-08-11 and is subject to change without notice. Please confirm with the manufacturer before placing an order. Copyright 2014 Natech Industrie. All rights reserved.