

## Conditions of Acceptability -

Use - For use only in (or with) complete equipment where the acceptability of the combination is determined by UL LLC.

- The drivers shall be used within the recognized electrical ratings. And, the drivers were found suitable for the maximum output current rating as specified under the Electrical Ratings. However, the output current may be set at the factory during production to any current setting between 150 mA DC and the maximum rated output current
- The drivers are "TL" type with the following "Tref" rating at the "TC" location specified on the marking labels of the drivers. When the drivers are installed in the end product, the following "Tref Max" should not be exceeded:

TYPE "TL" LED DRIVER: 30 Watt Rated models		
	Tref max	81
	Tref	54
TYPE "TL" LED DRIVER: 50 Watt Rated models with output 1.4 ADC		
	Tref max	75
	Tref	72

\* The suitability of the marked ratings other than **above** specified ratings were not evaluated.

LED driver model SOLOdrive563/B was subjected to the Temperature test at the following load current settings. Also, model SOLOdrive563/B was considered representative of models SOLOdrive564/B, ECOdrive560/B, and model ECOdrive561/B:

Output Load Current Setting: 1.34 ADC		
	Tref max	74
	Tref	72
Output Load Current Setting: 1.30 ADC		
	Tref max	74
	Tref	71
Output Load Current Setting: 1.2 ADC		
	Tref max	78
	Tref	72
Output Load Current Setting: 1.15 ADC		
	Tref max	76
	Tref	69
Output Load Current Setting: 1.00 ADC		
	Tref max	77
	Tref	66

\*

3. The maximum available output parameters of these drivers were within the maximum allowable limits for Class 2, Inherently Limited specified in the UL1310 standard

Since the maximum output voltage exceed the 42.4 VDC/peak limit specified in the Canadian Standard for Power Supplies with Extra-Low-Voltage Class 2 Outputs, CSA C22.2 No. 223-M91. However, based on maximum voltage restrictions for Class 2 circuits in the Canadian Electrical Code, Class 2 wiring may be used for the connection of the outputs and the circuits associated with outputs of these drivers and for the CNR coverage, the output is considered Isolated, LED Driver Class 2 "LVLE". Therefore, the outputs and circuits associated with the output should not be "User Accessible" in the end-use application.

4. The drivers are intended for to a branch circuit with a maximum 20-Ampere branch protection.
5. The drivers are suitable for use in a "DRY" and "DAMP" locations
6. The drivers employ R/C (XCFR2/XCFR8), terminal blocks for the connection of the input, dimming and output. The minimum electrical rating of the terminal blocks are 300 V, 5 A. The terminal blocks are suitable for Field and factory wiring. The suitability for the application and use shall be determined in the end-use application.

## Conditions of Acceptability - Cont.:

7. Driver model SOLOdrive360/B, SOLOdrive563/B , ECOdrive360/B, ECOdrive560/B, SOLOdrive0360/S and ECOdrive360/S is dimmable and are provided with an isolated "DALI" dimming interface circuit. The "DALI" circuit is isolated from the primary and secondary circuit (Terminals DA+, DA-). **The Dali dimming interface is isolated from the LED Class 2 output circuit and primary circuit via optical isolators. The LEDcode/NTC control circuit terminals or lead wires are not isolated from the LED Class 2 output.**

8. Driver model SOLOdrive361/B, SOLOdrive564/B , ECOdrive361/B, ECOdrive561/B, SOLOdrive361/S and ECOdrive361/S is dimmable and are provided with an isolated "0-10" dimming interface circuit (Terminals designated "0-10+" and "0-10-"). And, the maximum available parameters from the dimming circuit terminals meet the limits for a Class 2, inherently limited source. **The 0-10 Vdc dimming interface is isolated from the LED Class 2 output circuit and primary circuit via an isolation transformer.**

9. The identification of the input/output/dimming terminals is as follows:

Terminal Blocks	Connection
L	Supply line
N	Supply Neutral
PG	Grounding (*)
LED1+,LED1-	Channel 1: Output Positive, Negative
LED code+ / LED code-	Factory current setting terminals (**)
0-10V+ / 0-10V-	"0-10" Dimming connections
DA-, DA+,	"DALI" Dimming connections
<p>The ground terminal is not suitable for connection directly to the branch circuit ground lead. Therefore, the driver case must be connected to earth ground in the end-use application</p> <p>- The output current may be set at the factory during production to any current setting between 150-1400 mA DC</p>	