DESCRIPTION

PRODUCT COVERED:

USR, CNR - Component, Drivers for LED Arrays, Modules and Controllers, isolated output, Suitable for wet location, see electrical ratings table for models.

Note: USR – United States Standard, Recognized
CNR – Canadian Standard, Recognized

ELECTRICAL RATINGS:

Model No.	Input			Output		
	Voltage [X] Vac [ ] Vdc	Frequency (Hz)	[X]Current (A) [ ]Power (W)	Voltage [ ] Vac [X] Vdc	Frequency (Hz)	[X]Current (A) [X]Power (W)
LDA100S214X	100-277	47-63	1.5	214	-	0.5/107
LDA100S214AX	100-277	47-63	1.5	214	-	0.35/74.9
LDA100S142X	100-277	47-63	1.5	142	-	0.7/99.4

Note: X= -01, -02, -03, -03A, -04, -04A.

Model Differences:

1. Model LDA100S214AX is similar to Model LDA100S214X each other except for model designation and output rating.

2. Model LDA100S142X is similar to Models LDA100S214X, LDA100S214AX each other except for model designation, Transformer construction secondary winding and output rating.

3. All models has six type output condition, see below for detail
-01 = Non-Dimming
-02 = Non-Dimming and variable resistor
-03 = Dimming
-03A = Dimming and variable resistor
-04 = DALI Dimming
-04A = DALI Dimming and variable resistor

TECHNICAL CONSIDERATIONS (NOT FOR FIELD REPRESENTATIVE'S USE):

USR – Indicates investigation to the United States Standards for Light Emitting Diode (LED) Light Equipment for Use in Lighting Products, UL 8750 and the Standard for Information Technology Equipment – Safety – Part 1: General Requirements, UL 60950-1.

CNR – Indicates investigation to the Canadian Standard for: Information Technology Equipment - Safety - Part 1: General Requirements, CAN/CSA-C22.2 No. 60950-1.

These products been evaluated for the following characteristics.

Model No. [X] applies to all models			Product is rated	Type HL (c)	Type TL (d)
	Input type- [X] Branch Circuit (Mains) [ ] Isolated Circuit [ ] Class 2 (a) [ ] LVLE (b1) [ ] LED Class 2 (b2)	Output type- [X] CC [ ] CV Output is [ ] Non-isolated [X] Isolated [ ] Class 2 (a) [ ] LVLE (b1) [ ] LED Class 2 (b2)	 [ ] Dry [ ] Damp [X] Wet	 [ ] Yes [X] No	[ ] Yes [X] No Tref max/ Measured Tref xx/ yy° C

a- As defined in [X] UL 8750, Clause 7.12.1 [ ] and CAN/CSA-C22.2 No. 250.13, Clause 8.12
b1- As defined in UL 8750, Section 8.14
b2- As defined in CAN/CSA-C22.2 No. 250.13, Annex A
c- Evaluated per UL 8750 requirements for Type HL LED drivers
d- Evaluated per UL 8750 requirements for Type TL LED drivers