

BEST PERFORMING LED.



EVERRAY 12" LED Crossing Signal

- Customers wanted an improved EverRay crossing light.... we delivered.
- Universal application - replaces 30/15, 20/32 and 70-degree beam spread incandescent lenses.
- Sealed unit easily intalls in most current light housing by simply replacing the outer lens with the light unit.
- Low power consumption, only draws less than 1.0A per unit.
- Simple design concept has outstanding mean time between failure (MTBF), over 1.4 million hours.
- Extremely vandal resistant, 1/4-inch thick polycarbonate lens is built to stand up to the harshest of environments.
- Deep dish lens design allows for side viewing of aspect.
- Over 125,000 EverRay in the field.
- New weather proof design.
- Power surge protection.

Range 8-14 Volts AC or DC

Viewing Angle, -30 Degrees

Temperature -40 C to +85 C

<1 Amps @ 10 Volts

<10 Watts @ 10 Volts

MTBF >1.4 Million Hours

PRODUCT	LED Power Source	Active Side Lights	Comments
3010-500-02	Regulated Power Supply	YES	Meets Transport Canada
3010-500-04	Current Limiting Resistors	YES	Largest installed base of any LED crossing signal

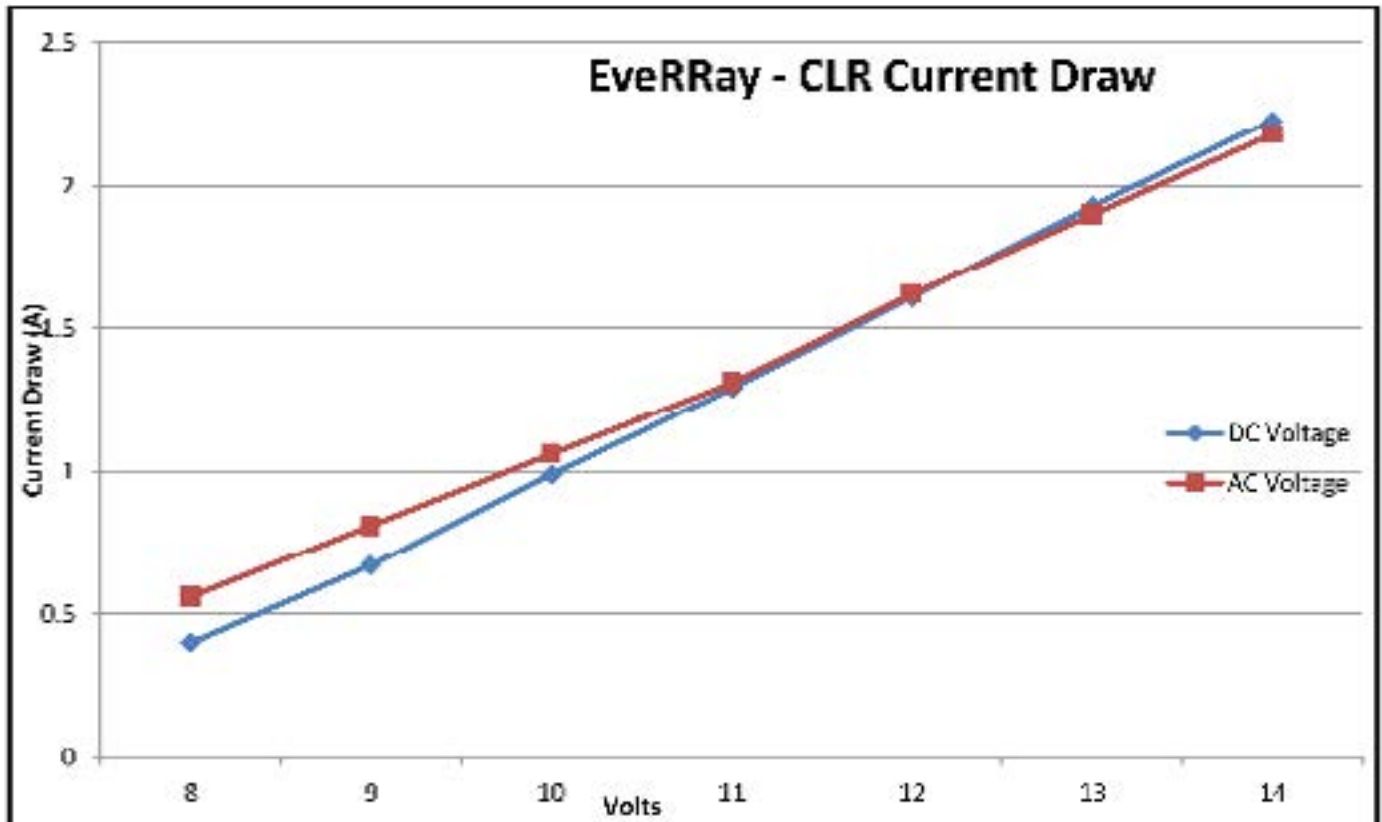
Table 1: Standards Compliance

CRITERIA	STANDARD
Environmental and Electrical	AREMA 11.5.1
Electromagnetic	AREMA 11.3.3
Photometric	AREMA 3.2.35 Transport Canada TC_E-14_LED_Standard

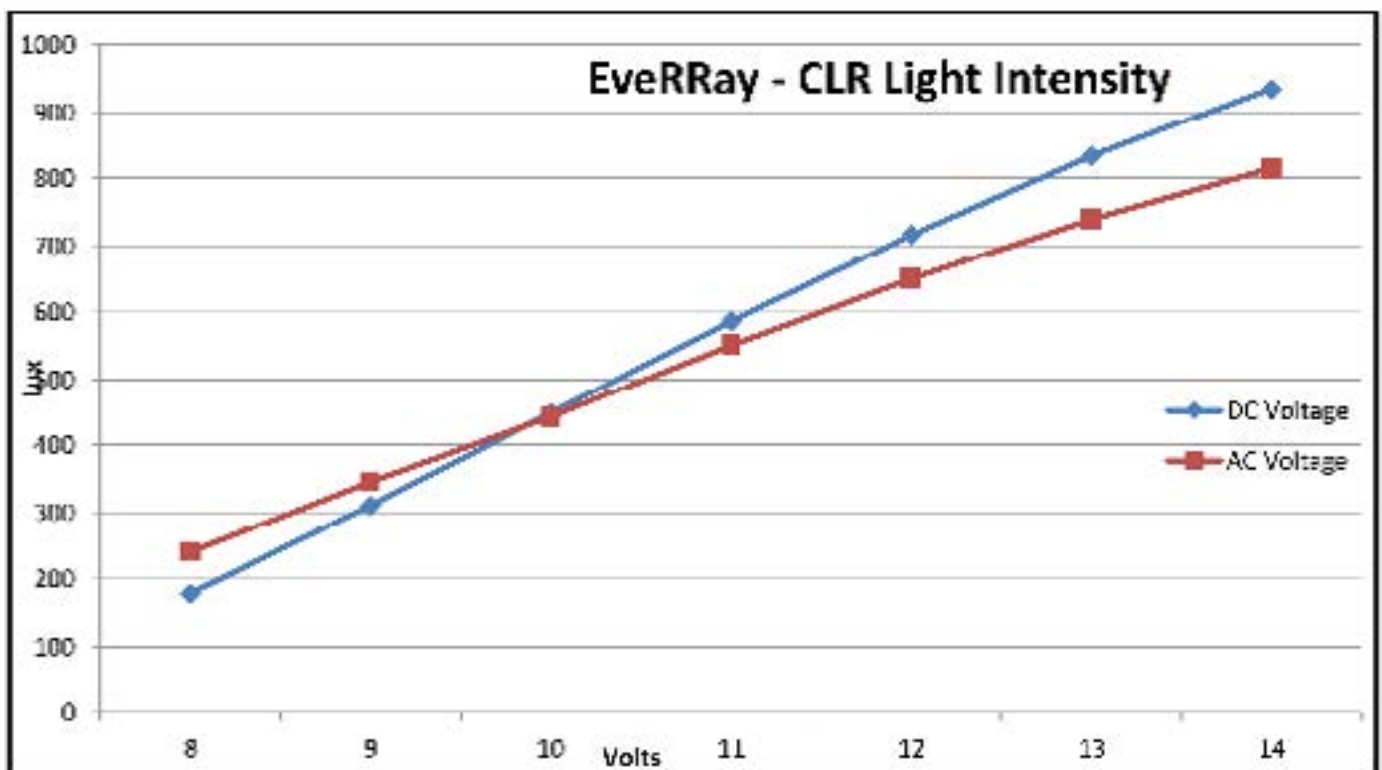
Table 2: Operating Specifications

SPECIFICATION	CURRENT LIMITING RESISTOR	REGULATED POWER SUPPLY
Operating Temperature	-40°C - 70°C	-40°C - 70°C
Voltage Range	8 - 14 Volts (AC or DC)	8 - 22 Volts DC 8 - 22 Volts AC @ 50Hz 8 - 20 Volts AC @ 60Hz
Current Draw @ Nominal 10 V	0.99 Amps	0.8 Amps (DC) 0.66 Amps (AC @ 50Hz) 0.64 Amps (AC @ 60Hz)
Viewing Angle	-30 Degrees	-30 Degrees
Luminous Intensity @ Nominal 10 V	425 Lux	428 Lux (DC) 427 Lux (AC @ 50Hz) 423 Lux (AC @ 60Hz)

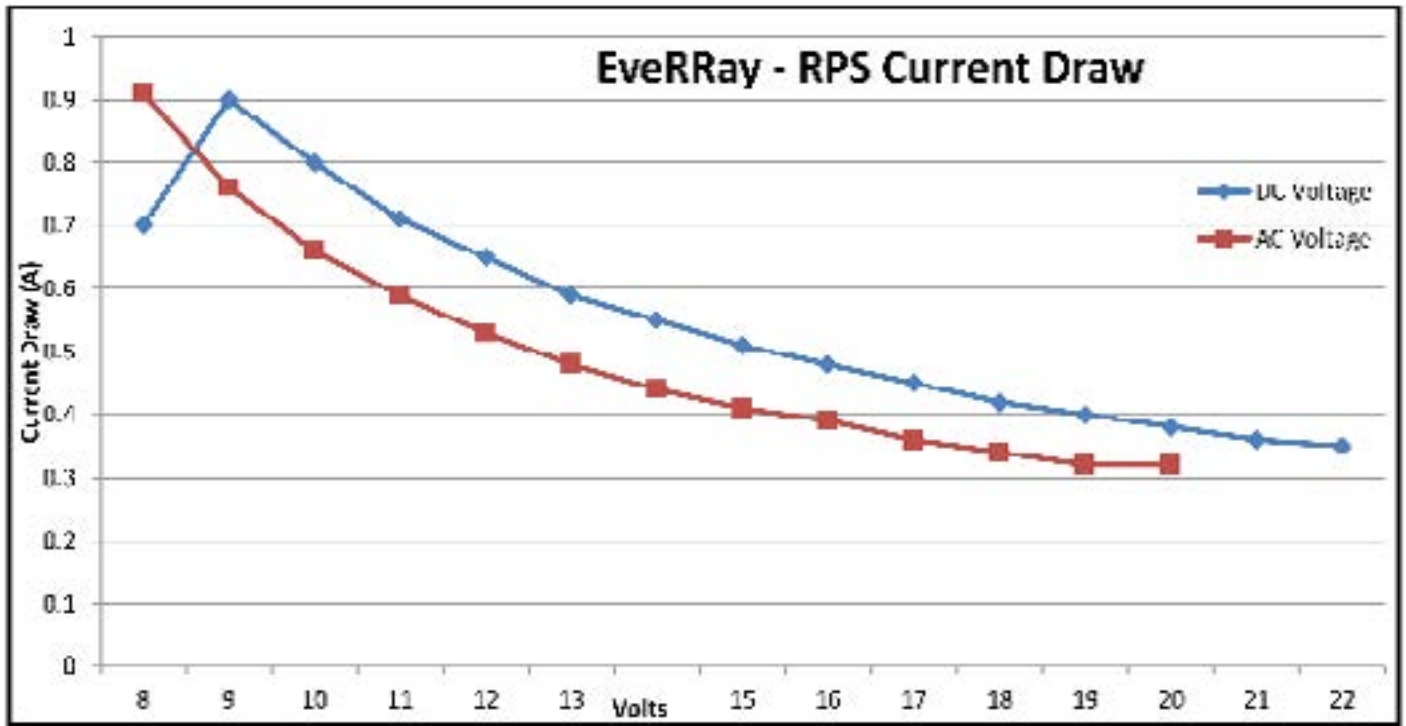
EveRRay - CLR Current Draw



EveRRay - CLR Light Intensity



EveRRay - RPS Current Draw



EveRRay - RPS Light Intensity

