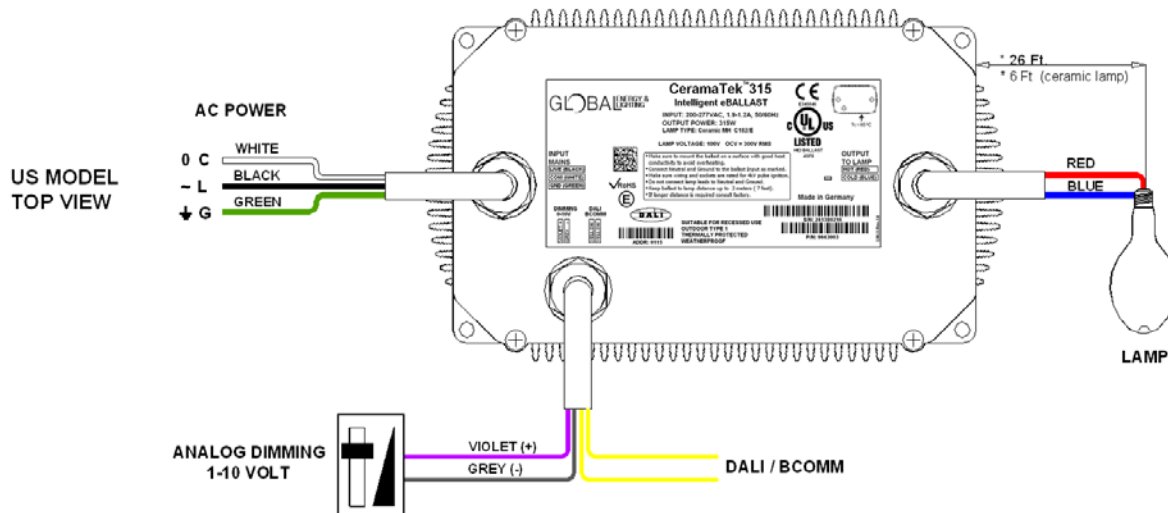
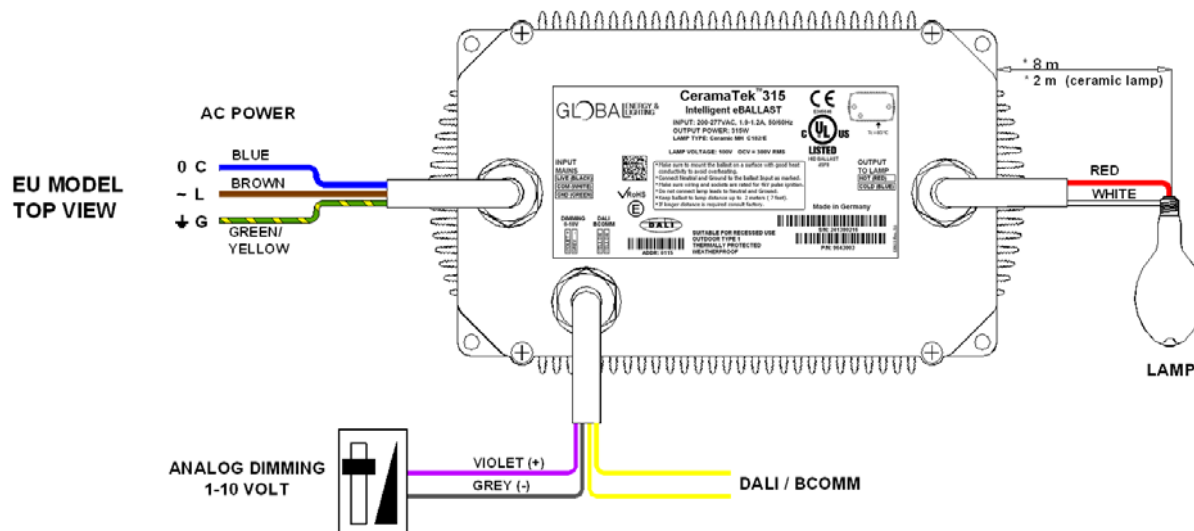


## Installation Guide

### ❖ *Wiring Diagram for 175W-450W CeramaTek Ballasts*

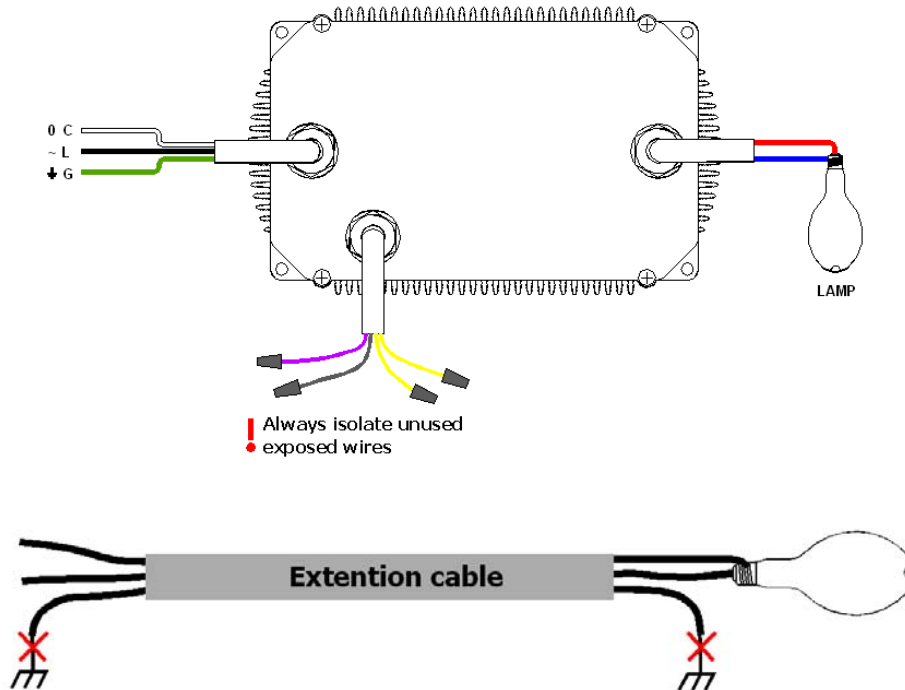


**\* Above 26 Ft. distance, new ballast setup is required.**

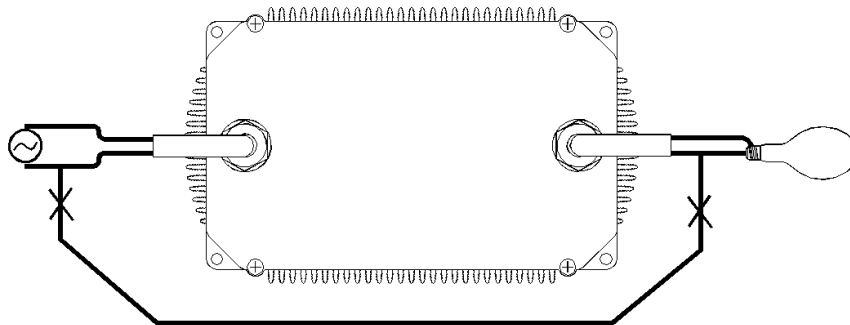


**\* Above 8 meters distance, new ballast setup is required.**

# CeramaTek™ eBallasts



- USE CORD CABLE OR PLASTIC CONDUIT ONLY
- DO NOT connect EARTH/GROUND wire of the output cable



**DO NOT connect the Input to the Output**

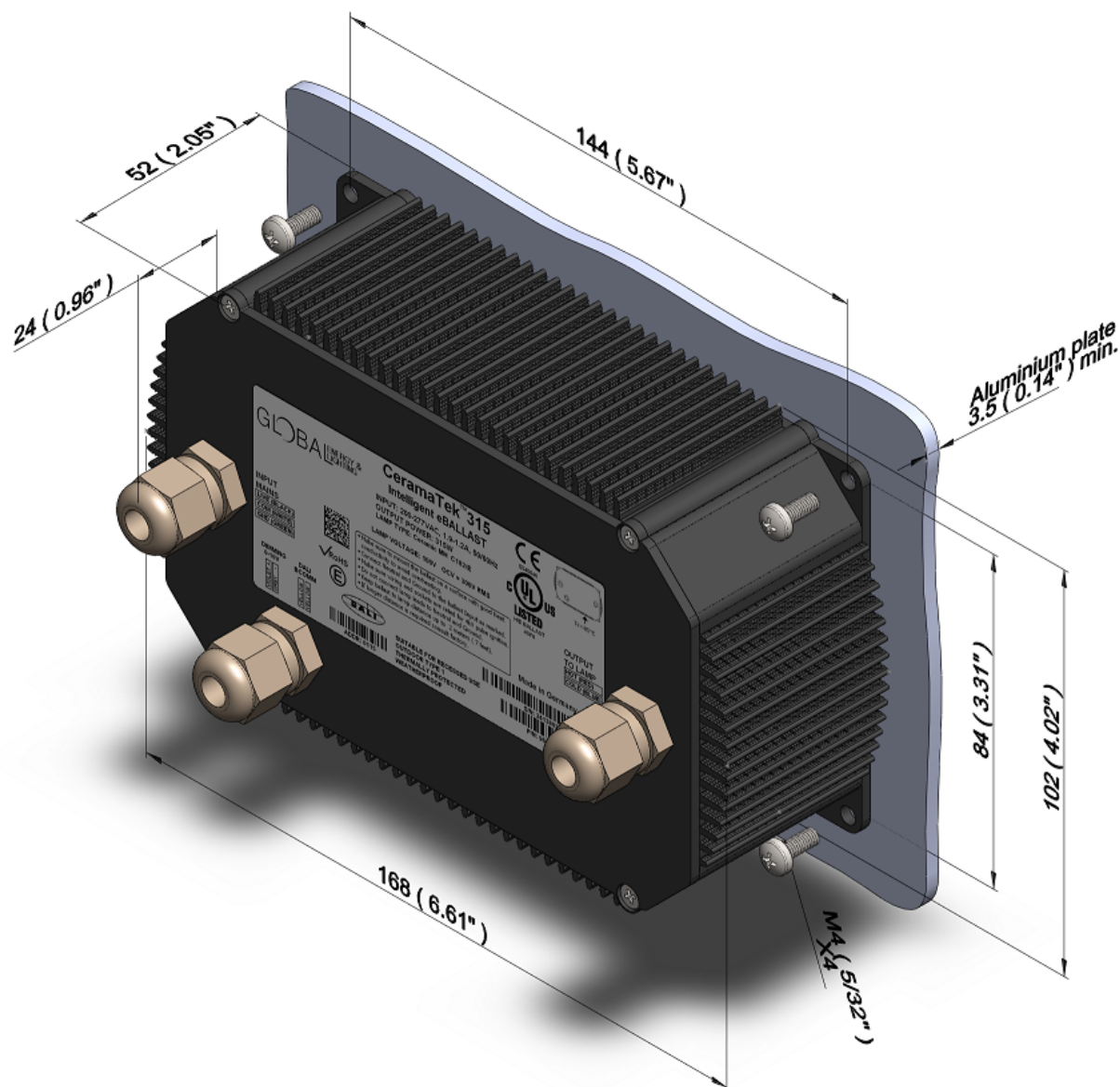
## **WARNING:**

- ❖ Failure to install the Ballast properly could void the product's warranty.
- ❖ All sockets must be rated to at least 4KV and must be Pulse Rated.
- ❖ Lamp wires and connections must be well isolated from chassis (EARTH/GROUND).
- ❖ Verify that wire insulation is not damaged (without cuts).  
Damaged wires' are dangerous and might cause harm to people and/or equipment.
- ❖ For MH lamps use only PULSE START lamps.

# CeramaTek™ eBallasts



## ❖ Ballast Mechanical Mounting



- ❖ Mount the Ballast as far away from the lamp reflector.
- ❖ Mounting should be secure flat/flush to aluminum plate.

**Global Energy & Lighting**  
560 S. Winchester Blvd,  
Suite 500, San Jose,  
CA 95128, USA

# CeramaTek™ eBallasts



## ❖ Labeling information

Please pay attention to the red remarks.

**CeramaTek™ 315**  
**Intelligent eBALLAST**

INPUT: 200-277VAC, 1.9-1.2A, 50/60Hz  
OUTPUT POWER: 315W  
LAMP TYPE: Ceramic MH C182/E

LAMP VOLTAGE: 100V OCV = 300V RMS

wiring diagram  
INPUT MAINS  
LIVE (BLACK)  
COM (WHITE)  
GND (GREEN)  
Grounded Power supply identification

wiring diagram  
DIMMING 0-10V  
DALI BCOMM  
VIOLET +  
GREY -  
YELLOW  
YELLOW

ADDR: 0115

- Make sure to mount the ballast on a surface with good heat conductivity to avoid overheating.
- Connect Neutral and Ground to the ballast Input as marked.
- Make sure wiring and sockets are rated for 4kV pulse ignition.
- Do not connect lamp leads to Neutral and Ground.
- Keep ballast to lamp distance up to 2 meters ( 7 feet).
- If longer distance is required consult factory.

E345646  
input Voltage, Fre, Am  
output circuit Voltage  
LISTED  
HID BALLAST  
4SF8  
lampholder and output leads pulse rated

Tc=85°C  
wiring diagram  
OUTPUT TO LAMP  
HOT (RED)  
COLD (BLUE)

Made in Germany

S/N: 241380216  
P/N: 9643003  
130613 Rev. 1.6

SUITABLE FOR RECESSED USE  
OUTDOOR TYPE 1  
THERMALLY PROTECTED  
WEATHERPROOF  
outdoor mark

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