

# Specifications Sheet

## UV Ballasts

### UVB248T6-2100-48VDC

#### 1. Lamp Type

##### Amalgam Lamp

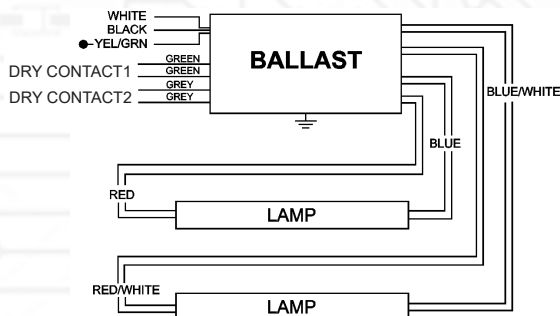
Lamp Type / Cata #	Manufacture	# of Lamps	Power (W)	Current (A)
TUV-200MSG	SURFACIDE LLC	2	200	2.1
TUV200W XPT	Philips	2	200	2.1
GPHHA1000T6L	Light Sources	2	207	2.1

#### 2. Electrical

<b>Ballast type:</b>	Program Start (PS)
<b>Number of lamps:</b>	2
<b>Normal input voltage:</b>	48VDC
<b>Input voltage range:</b>	35VDC - 60VDC
<b>Input current:</b>	9.0A @ 48VDC
<b>Input power:</b>	430W @ full load
<b>Lamp operating frequency:</b>	> 30 kHz

<b>Efficiency:</b>	> 90%
<b>Ballast shut down/protection:</b>	EOL/OC
<b>Ambient temperature:</b>	0 - 40° C
<b>Case maximum temperature:</b>	75° C
<b>Approvals:</b>	UL/cUL Recognized, Class "P", Indoor, Type 1, CE
<b>Sound rating:</b>	"A"

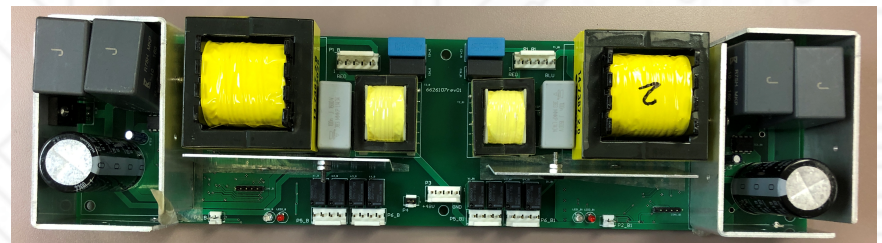
#### 3. Wiring Diagram



For 2 UV Amalgam Lamps

#### 4. Ballast PCB Photo

Dimensions: 17.0" (L) x 3.6" (W) x 2.2" (H)



#### 5. Features

- 1) Diagnostics and indication: The ballast board shall communicate, via the digital output to the main controller board, to indicate ballast/lamp status.
- 2) Timer -Microcontroller based count down timer to monitor lamp life time, turn off the ballast, and give alarm signal. There is individual timer for each ballast/lamp.



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