

# W500 Interior Landscape / Aquascape Light

## 175W LED / 55°



- Plant / Coral Focused Light Spectrum
- High-Intensity Point Source LED
- Low-Profile
- DMX Controllable
- Also Available with Other Optics

### ORDERING GUIDE

**KSW500BD** -  -  -  -  -

#### Spectrum

**AMZ** Amazon Sun (4000 - 6500K)  
**TB** Tuna Blue (10000 - 20000K)

#### Finish

**WH** White  
**BK** Black

#### Mount

**TOX** w/ O-type DMX Track Adapter  
**TON** w/ O-type Non-DMX Track Adapter  
**CLP** w/ Clamp Mount  
**MPT** w/ Monopoint Adapter Mount (PSX+120V only)  
**TG** w/ G-type Track Adapter  
**TEX** w/ E-type DMX Track Adapter

Legacy product

#### Power Supply & Control

**PS** Power Supply - Manual Control



**PSX** Power Supply w/ DMX  
 (compatible with TOX/CLP/MPT mount)



#### Plug/Connection

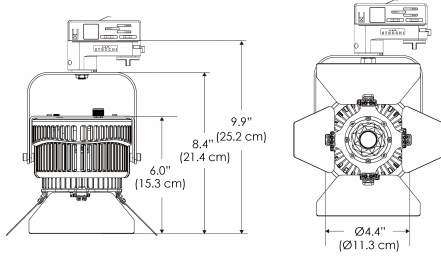
**US** US 120V  
**EU** EU 220V  
**277** US 277V (only with CLP+PSX)

### SPECIFICATIONS

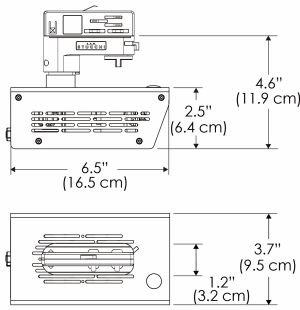
|                       |                               |
|-----------------------|-------------------------------|
| Beam Angle            | 55°                           |
| Spectrum Type         | AMZ : Plant Flourish & Growth |
|                       | TB : Coral Health & Growth    |
| Control               | Intensity (0% - 100%), CCT    |
| LED Source            | DiCon Dense Matrix LED        |
| AC Power Draw         | 175W max                      |
| AC Input Voltage      | 100 - 240V AC, 60Hz           |
|                       | 100 - 277V AC (only CLP)      |
| Cooling               | Fan Cooled                    |
| Operating Temperature | 32 - 104°F (0 - 40°C)         |
| Fixture Weight        | 1.9lb (0.9kg)                 |
| Power Supply Weight   | 1.6lb (0.7kg)                 |

## MECHANICAL FIGURES

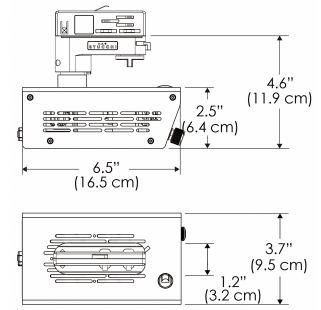
W500BD-TOX/TON



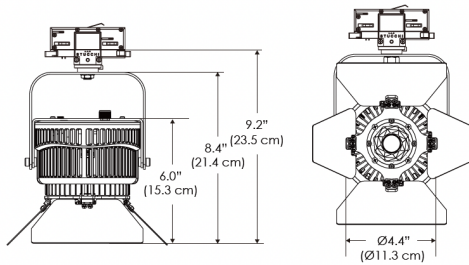
PS US



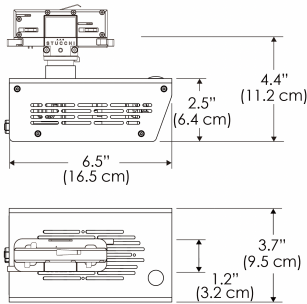
PSX US



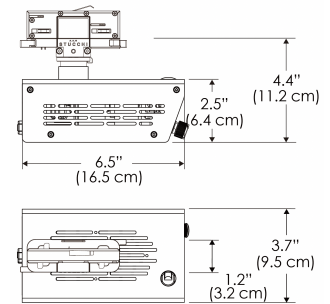
W500BD-TOX/TON



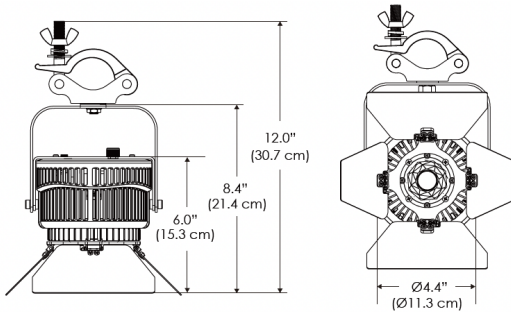
PS EU



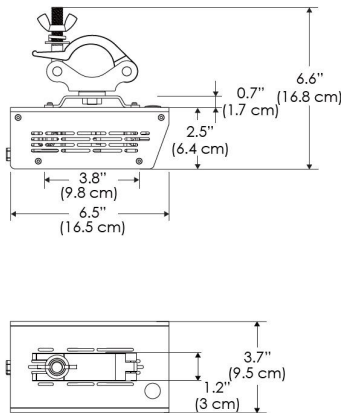
PSX EU



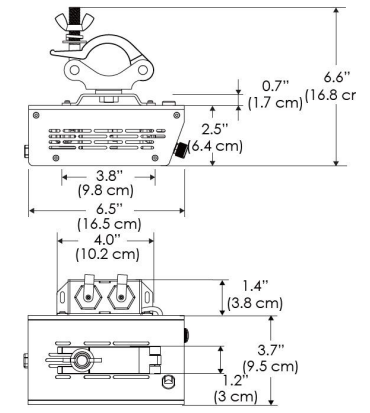
W500BD-CLP



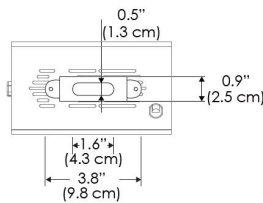
PS US EU



PSX US EU 277

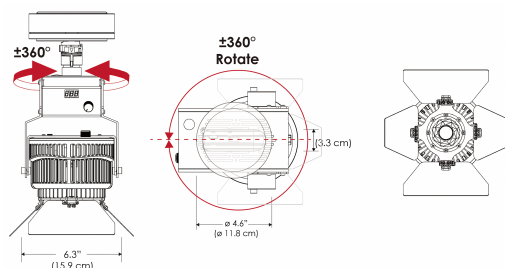


Mounting Bracket Dimensions ALL-CLP

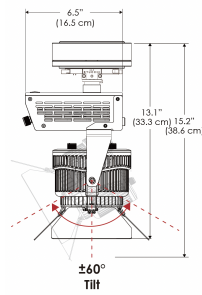


\*All -CLP configuration models come with standard DC cables of 6' and AC cables of 10'.

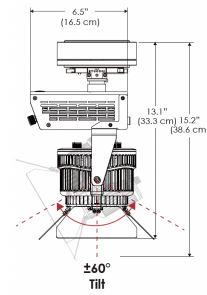
W500BD-MPT



PSX US

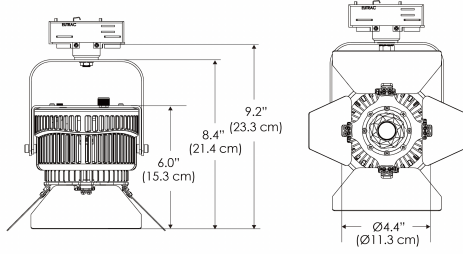


PSX EU

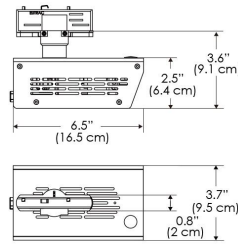


## MECHANICAL FIGURES

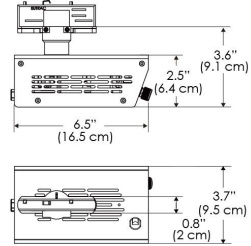
**W500BD-TEX** Legacy Product



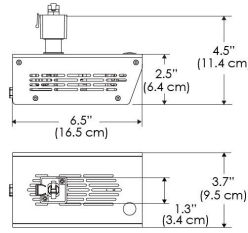
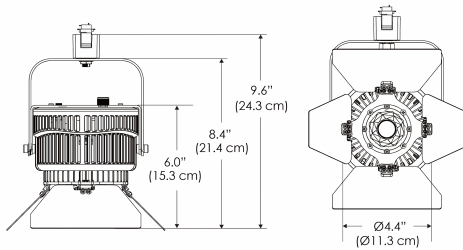
PS US EU



PSX US EU



**W500BD-TG** Legacy Product

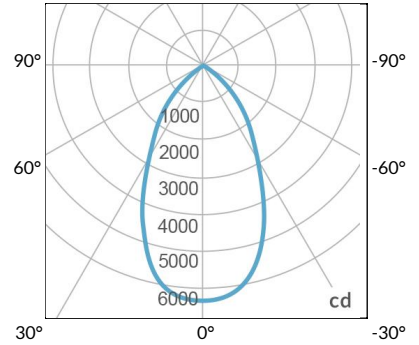


## PHOTOMETRIC DATA

**AMZ**

| Distance      |     | 3'<br>(~0.9 m)   | 5'<br>(~1.5 m)   | 10'<br>(~3.0 m)  |
|---------------|-----|------------------|------------------|------------------|
| @4000K        | fc  | 733              | 373              | 73               |
|               | lux | 7886             | 4012             | 776              |
| @6500K        | fc  | 734              | 373              | 73               |
|               | lux | 7899             | 4012             | 776              |
| Beam Diameter |     | Ø 2.6'<br>(0.8m) | Ø 4.3'<br>(1.3m) | Ø 8.7'<br>(2.6m) |

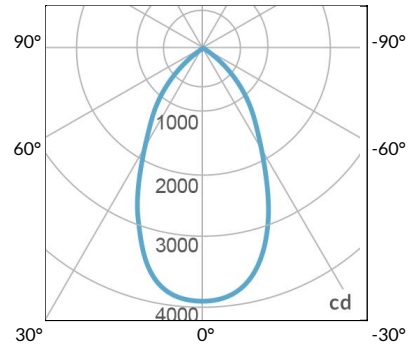
Beam Angle : 55°



**TB**

| Distance      |     | 3'<br>(~0.9 m)   | 5'<br>(~1.5 m)   | 10'<br>(~3.0 m)  |
|---------------|-----|------------------|------------------|------------------|
| @10000K       | fc  | 443              | 159              | 42               |
|               | lux | 4758             | 1711             | 450              |
| @20000K       | fc  | 105              | 41               | 20               |
|               | lux | 1128             | 441              | 209              |
| Beam Diameter |     | Ø 2.6'<br>(0.8m) | Ø 4.3'<br>(1.3m) | Ø 8.7'<br>(2.6m) |

Beam Angle : 55°



**DMX FOOTPRINT**

| Amazon Sun |   |                  |
|------------|---|------------------|
| Channel    | 1 | Intensity        |
|            | 2 | CCT (4000-6500k) |

| Tuna Blue |   |                    |
|-----------|---|--------------------|
| Channel   | 1 | Intensity          |
|           | 2 | CCT (10000-20000k) |
|           | 3 | Violet             |
|           | 4 | Red                |
|           | 5 | Green              |