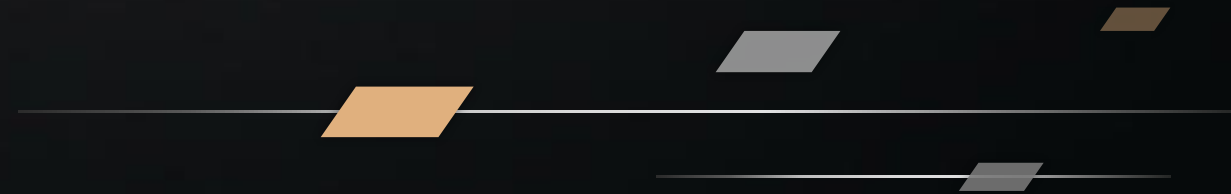


# X6 Series

The New Generation Smart LED Driver



**01** Profile of X6

**02** Product Development

**03** Product Feature and  
Advantage

**04** Product Specification



# PRODUCT STRATEGY

**Technology Innovation and Product Supremacy**

- Circular structure-Integrated design.
- High reliability and long life time
- Universal input voltage
- Low ripple and THD
- Stable output
- Built-in active PFC
- Surge Immunity and other protections
- IP67



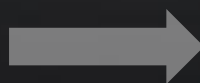
### Application

Roadway lighting, plant lighting, industrial lighting, landscape lighting, etc.

### Innovative Industrial Design



E6 series



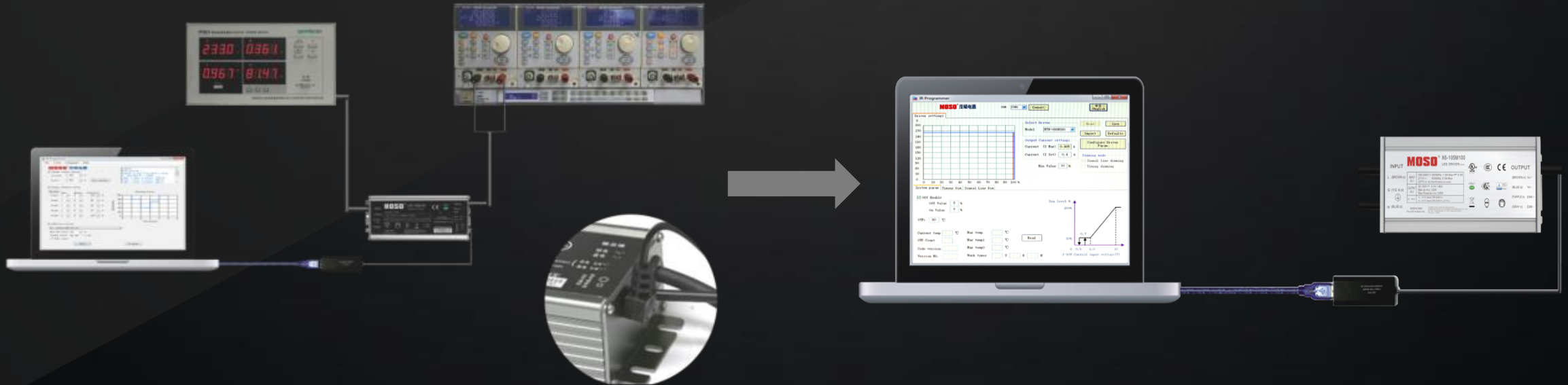
X6 series



## 02 Product Development

**MOSO®**

### Innovative Programming Type



### Infrared Programmable-E6

- Need AC power on.
- Need connect fixture.
- IP grade may be effected by this design.



**Offline line programmable-X6**  
*Fast, Flexible, Visual*

## 03 Product Feature and Advantage

**MOSO®**

### Feature

- **Constant power** and programmable output
- **Off-line programmable**
- 3 in 1 dimming: 0-10V, PWM, Timing control, Dim to off
- Universal input: 90-305Vac
- High efficiency: Up to 93%
- Multiple protection: SCP, OVP, OTP
- Surge immunity: DM-5KV, CM-10KV
- Work log function (**BLACK BOX**)
- **CLO function**
- Operation temperature: -40°C ~ 60°C
- Global certification: CCC,CE,CB,SAA,ENEC,UL
- IP67
- 5 years warranty



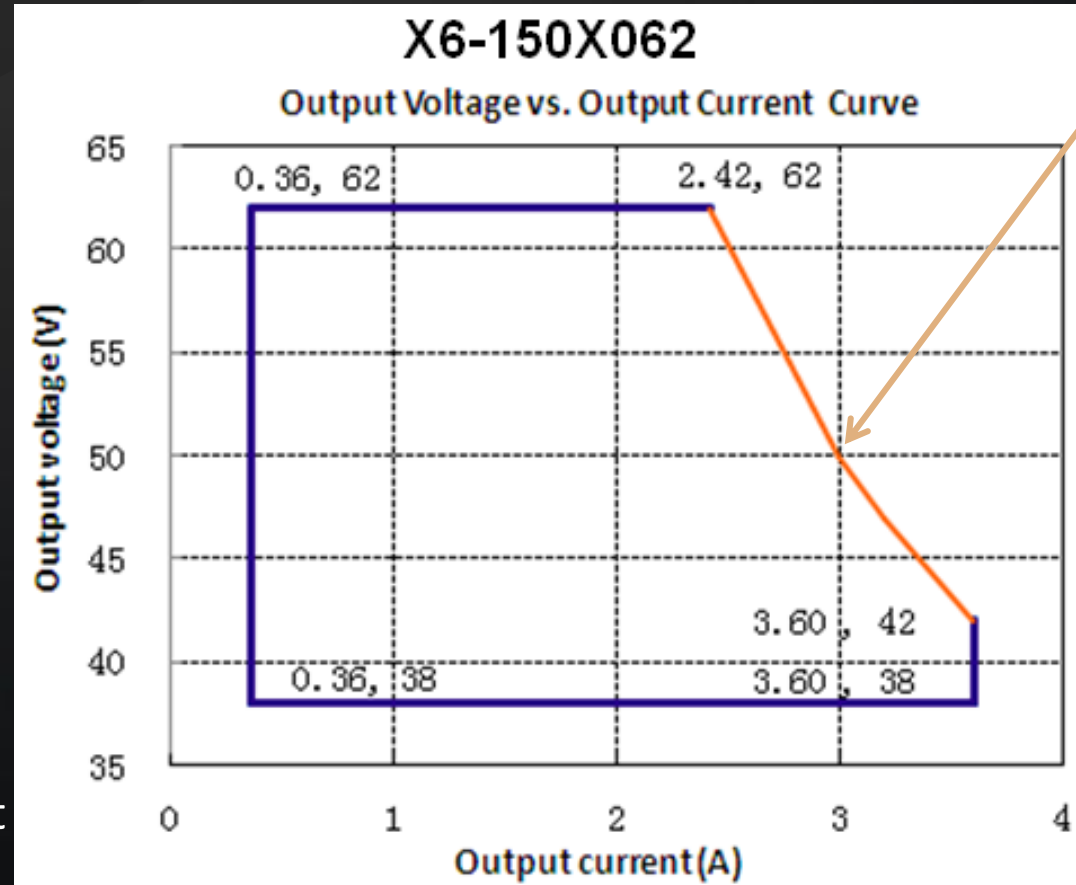


### 03 Constant Power

Vo:42V, Io:3.60A, 150W  
Vo:48V, Io:3.13A, 150W  
Vo:54V, Io:2.78A, 150W  
Vo:56V, Io:2.68A, 150W  
Vo:62V, Io:2.42A, 150W

X6-150X062

Reduces driver models to cover a range of output  
Currents at Max. Po



CP  
Curve

### 03 Off-line programmable

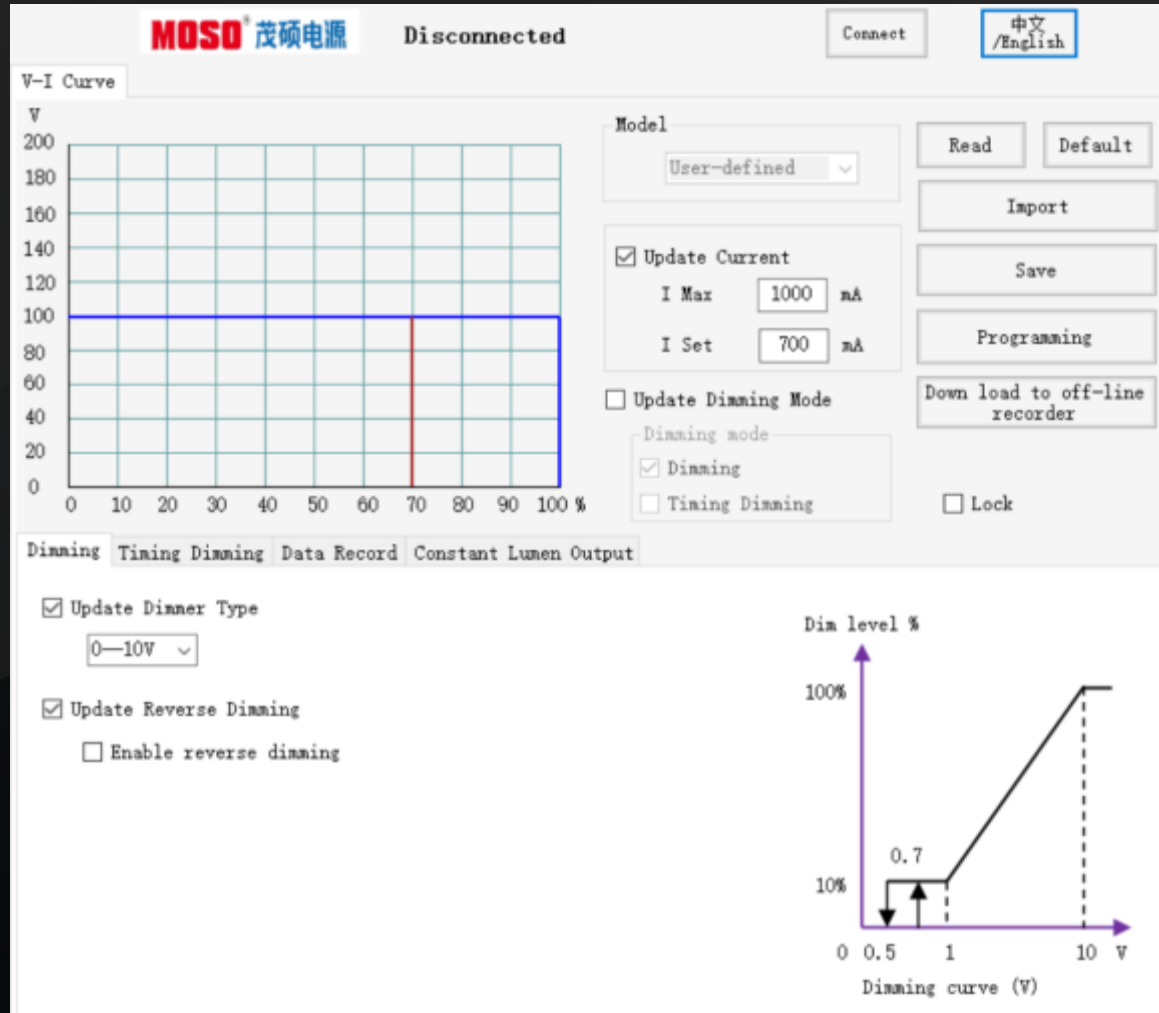
**MOSO®**

### 03 Off-line programmable benefit

- Convenient programming
- Flexibility and convenience for adjusting output current
- Storing convenience
- Reduce stock risk and SKUs
- Lead-time saving



## 03 Off-line programmable



### Output Configuration

Model read, fast and flexible



### Dimming Setting

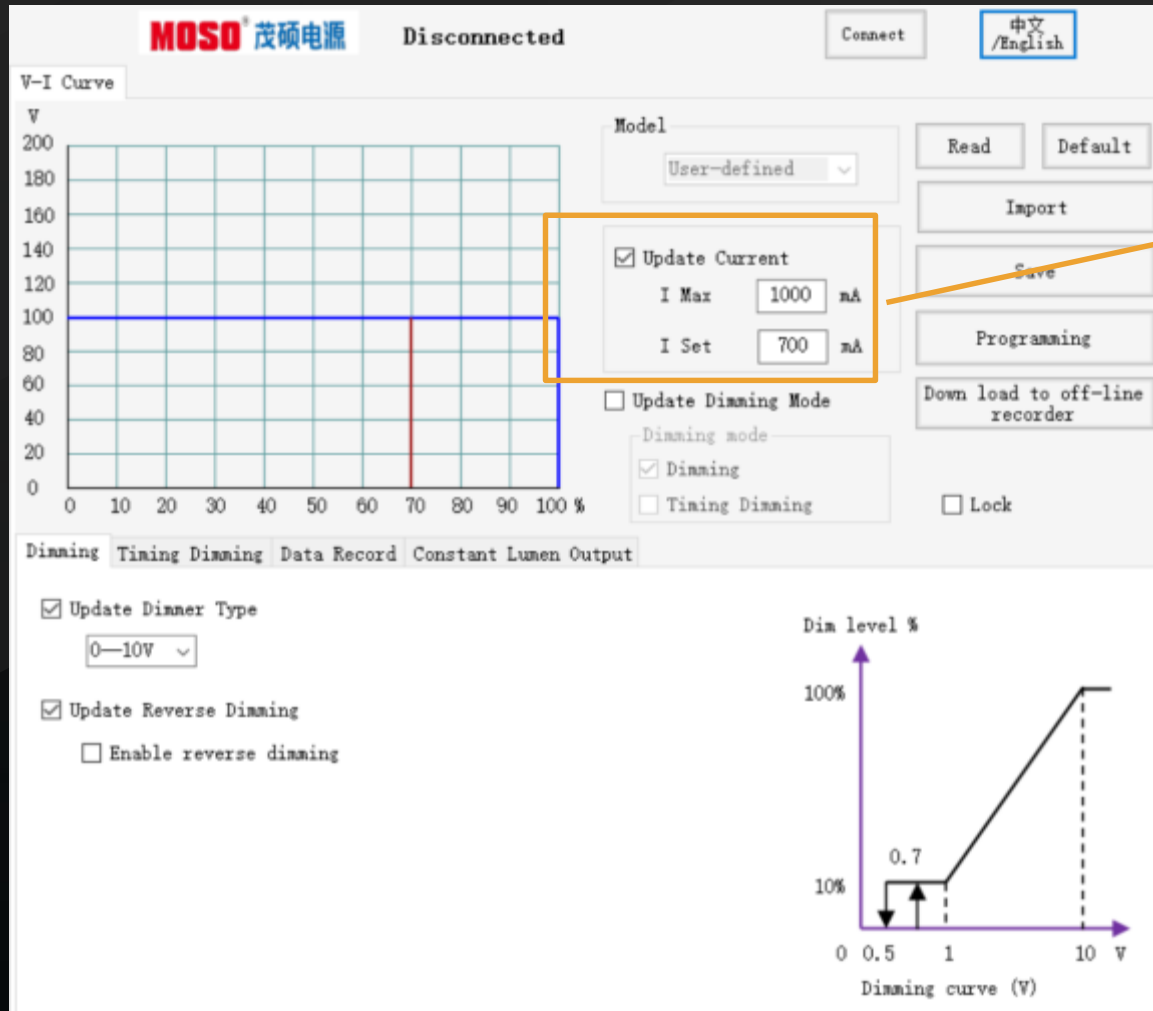
0-10V or timing control, visual dimming curve



### Working Log(BLACK BOX)

Automatic data logging, supporting to export the data record

### 03 Programmable-Setting current



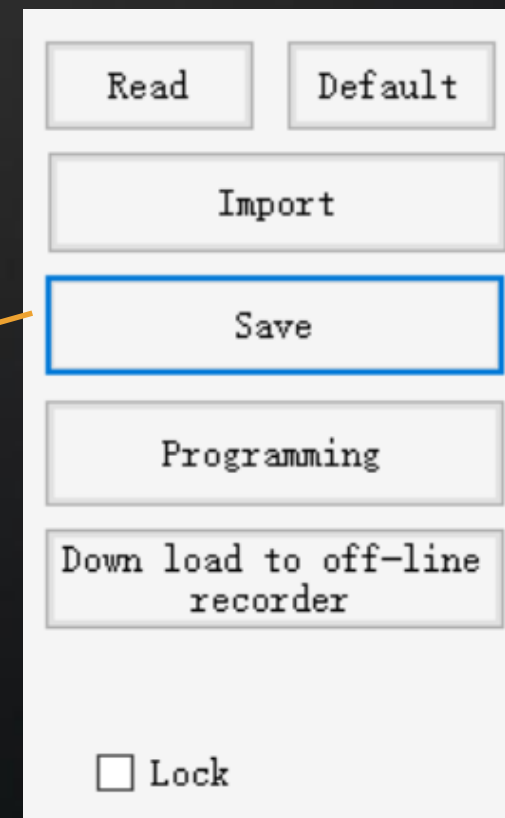
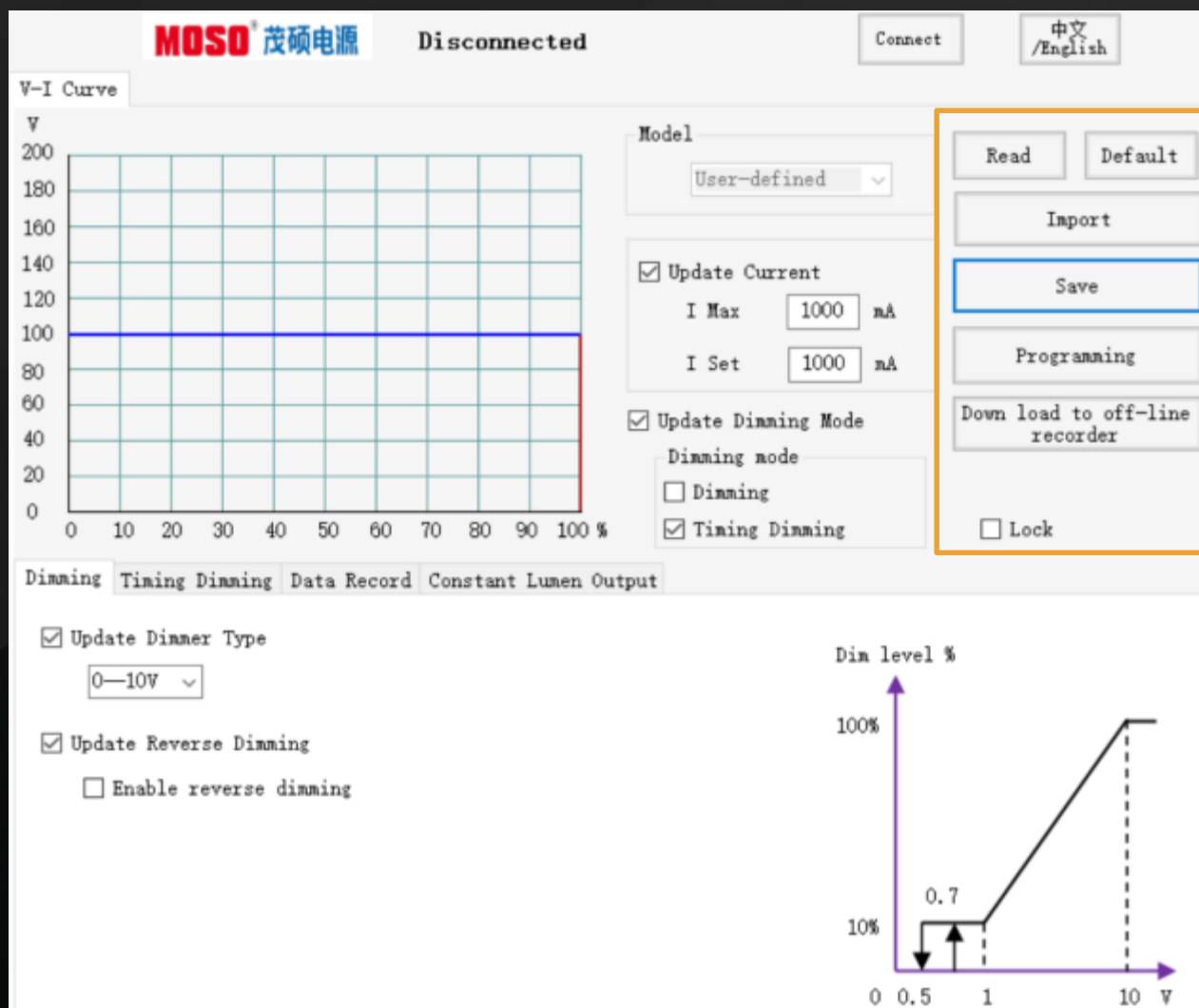
☒ Update Current

I Max  mA

I Set  mA

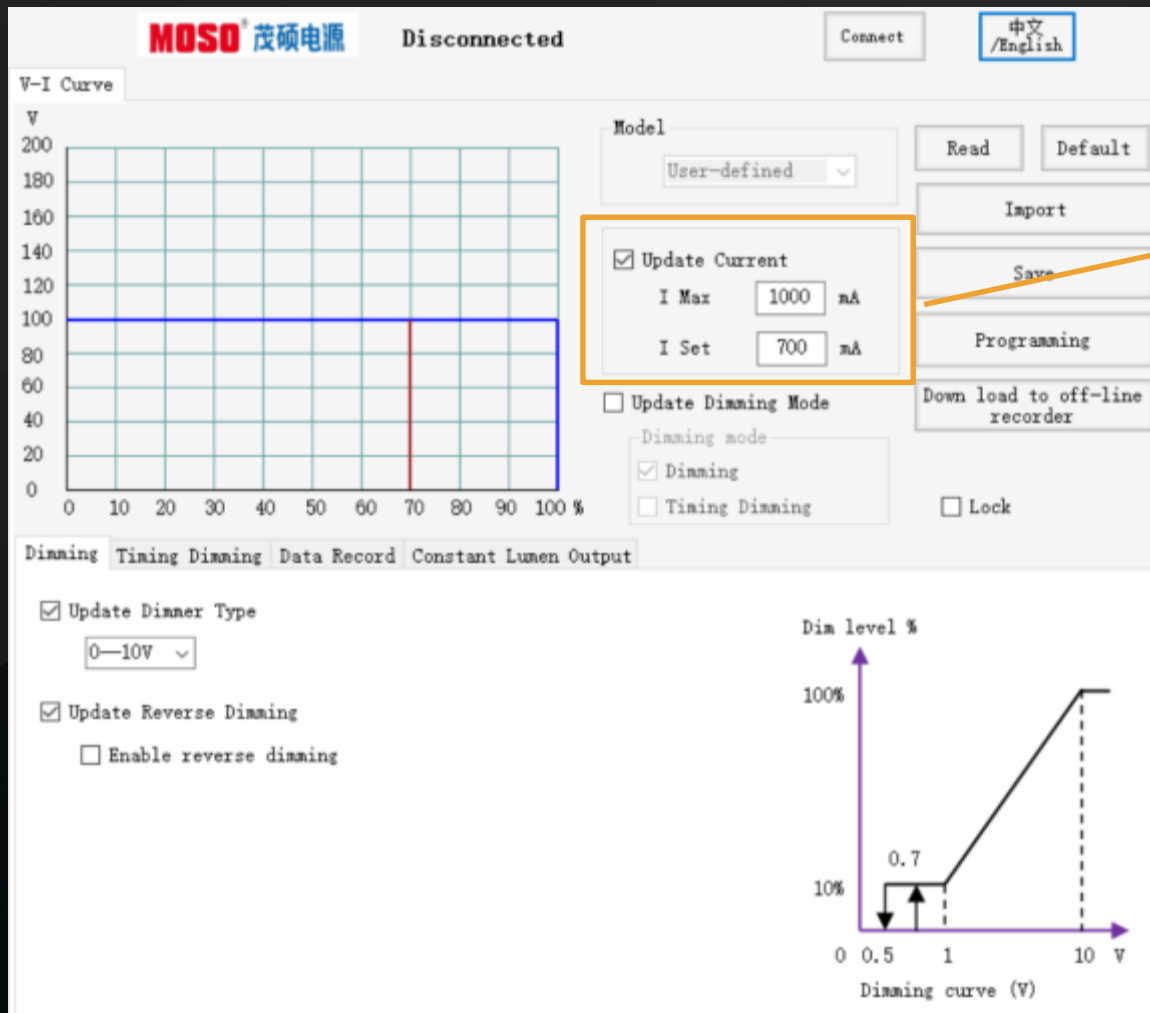
Easy to set output current

## 03 Off-line programmable





## 03 Programmable Setting current



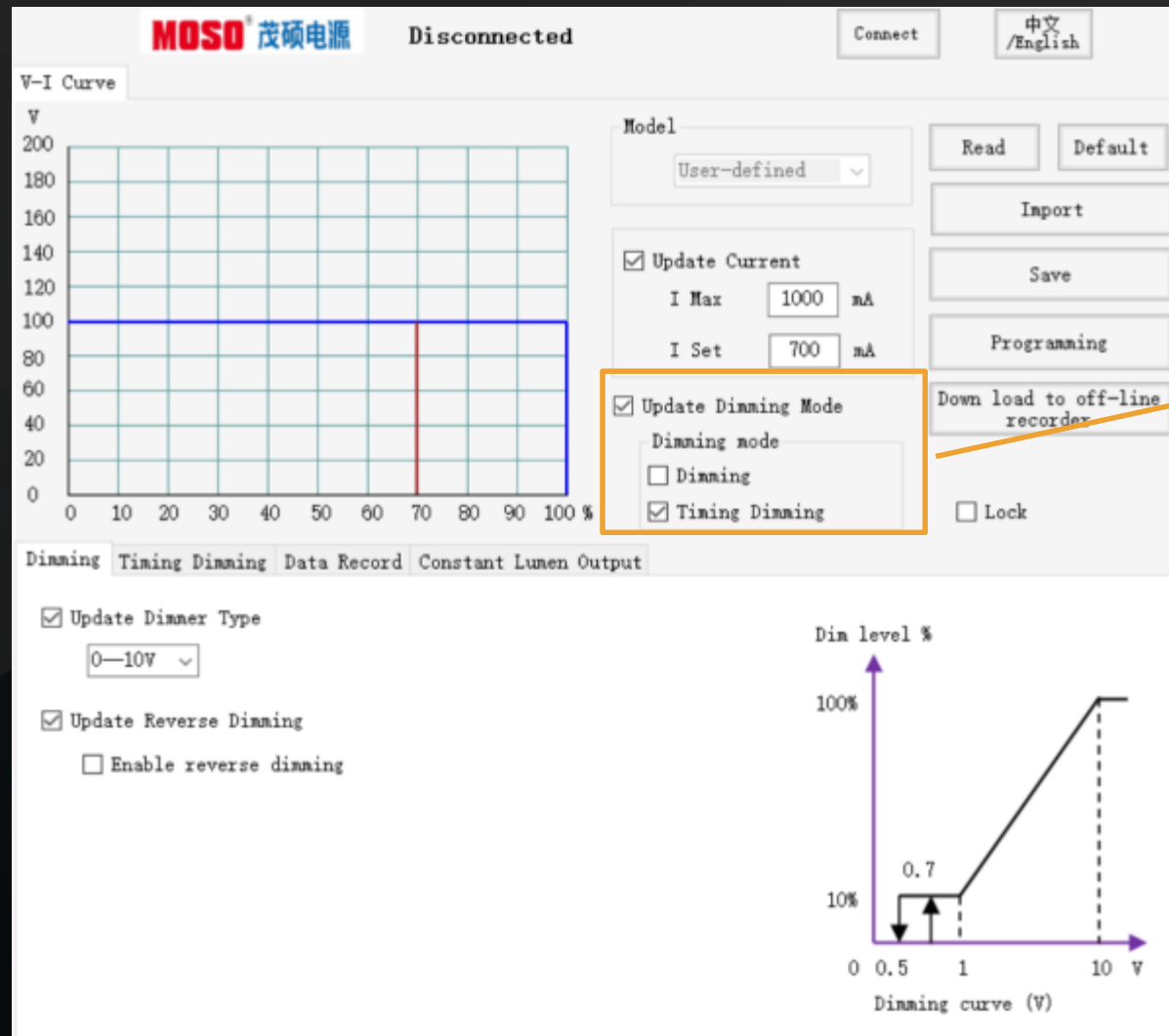
☒ Update Current

I Max  mA

I Set  mA

Easy to set output current

## 03 Programmable-Setting Dimming



☒ Update Dimming Mode

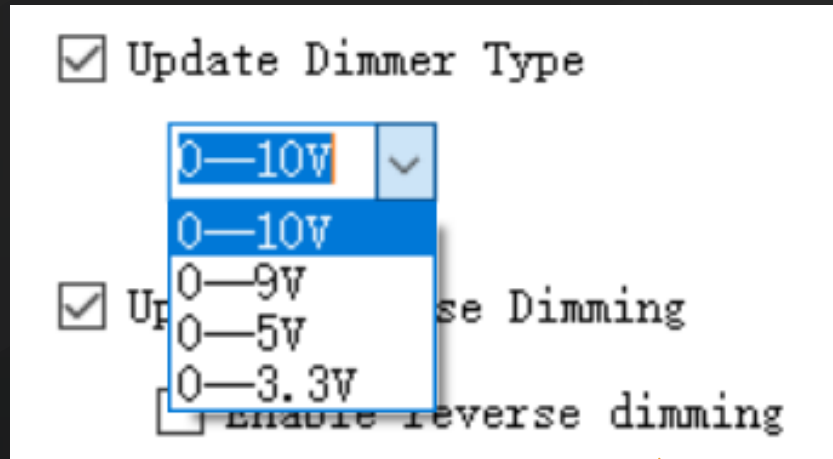
Dimming mode

☐ Dimming

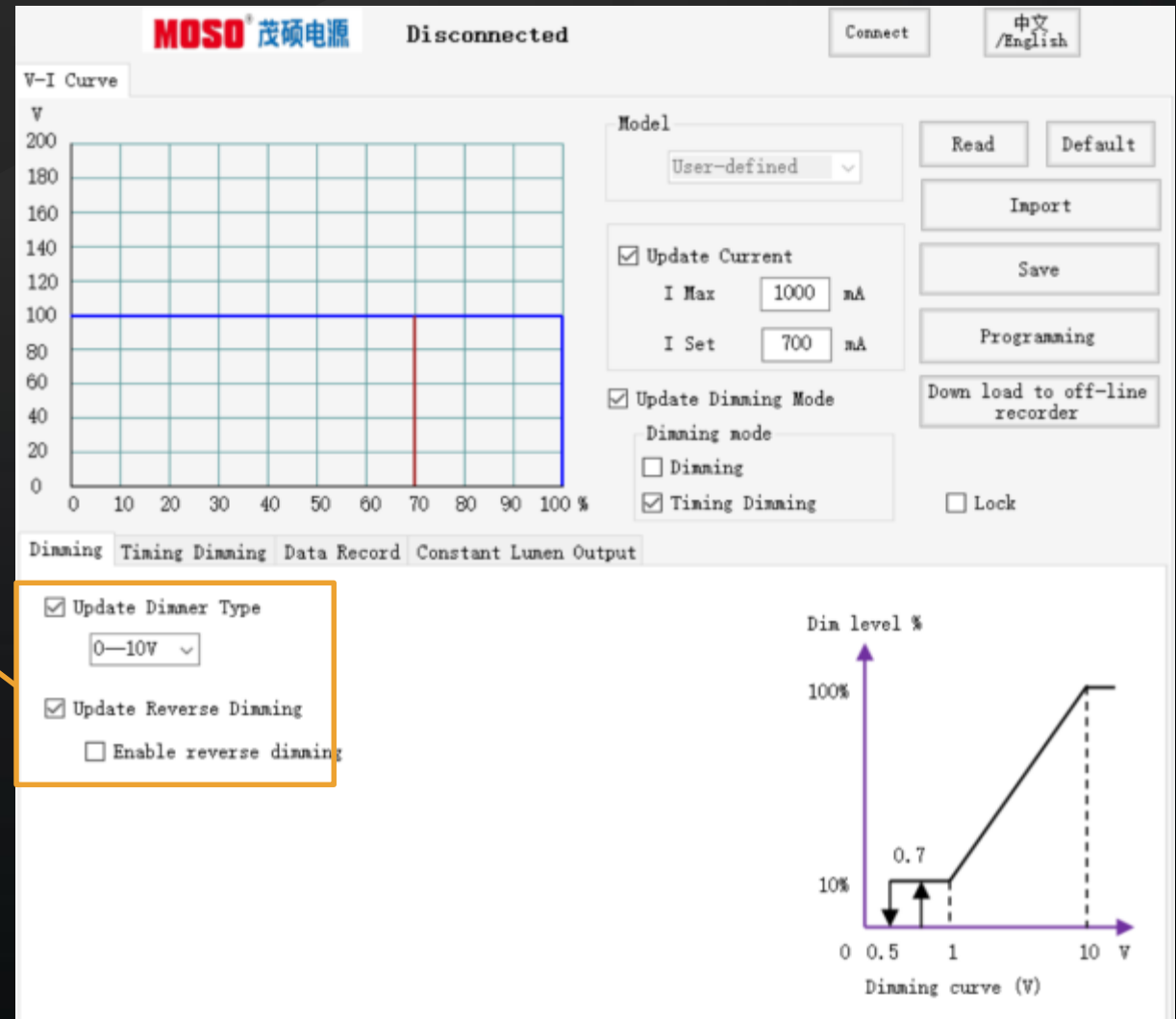
☒ Timing Dimming

Update dimming mode

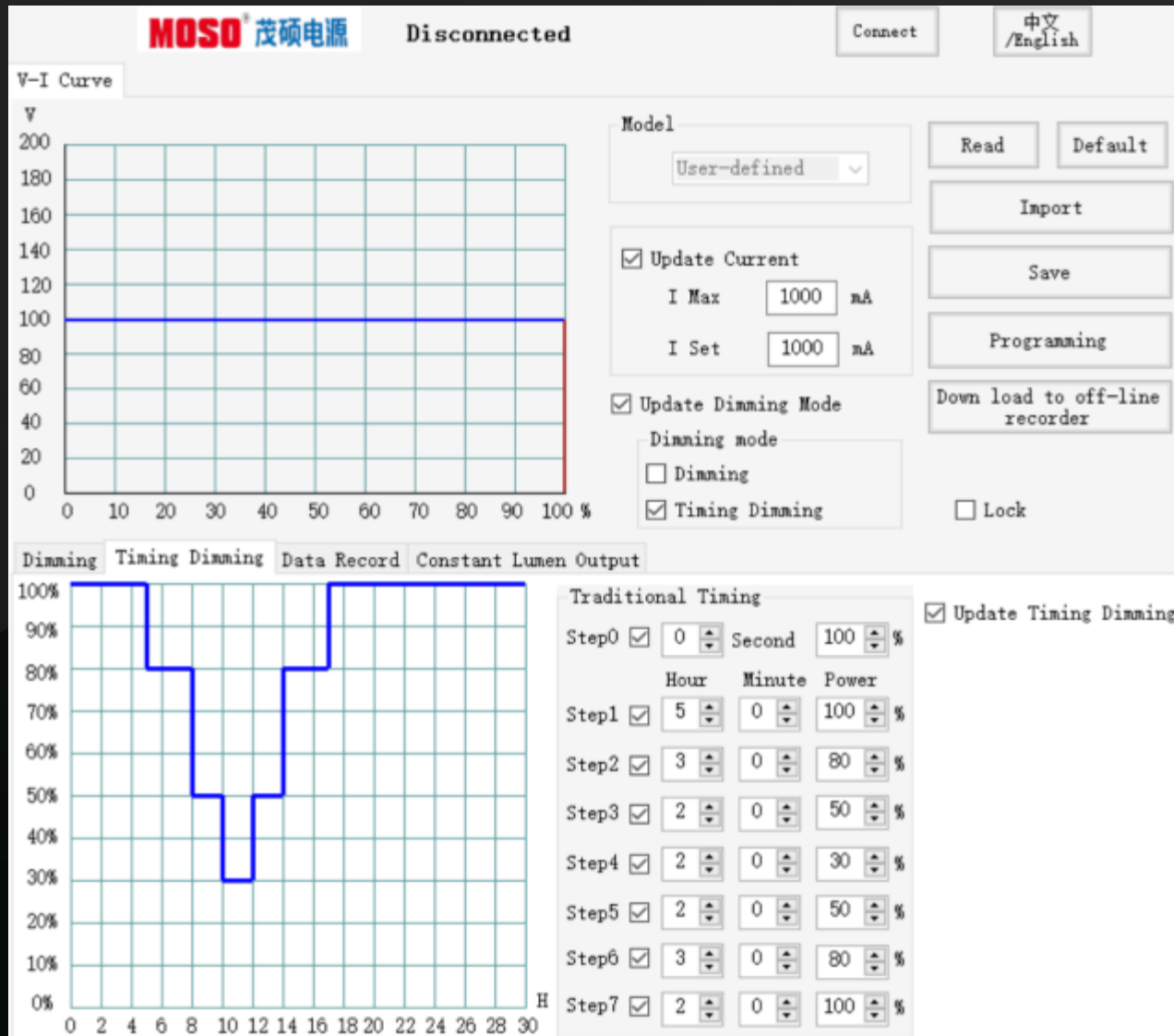
## 03 Programmable-Setting Dimming



Choose dimming type



## 03 Programmable-Setting timer Dimming

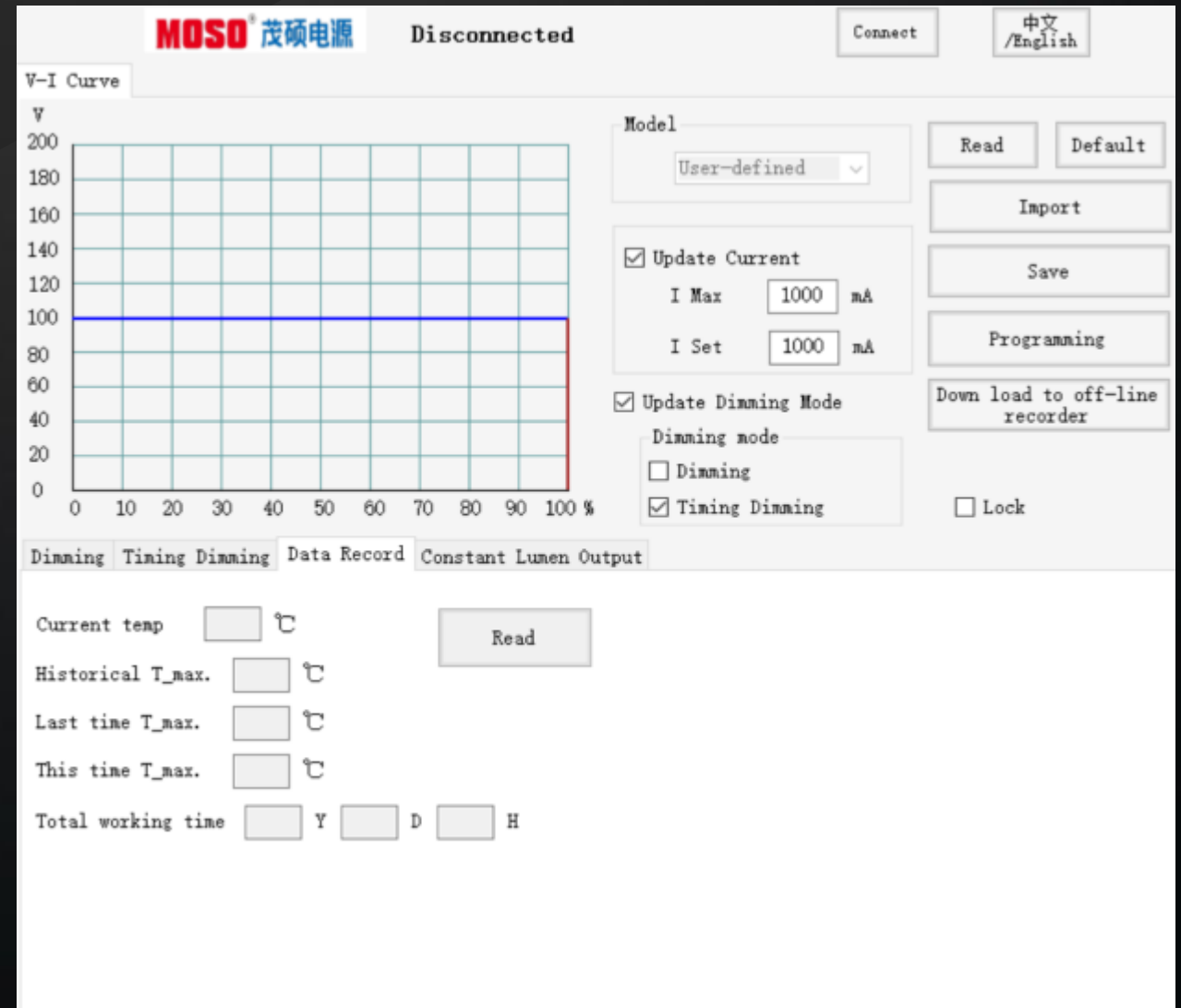


Set 7 phase timer dimming schedules

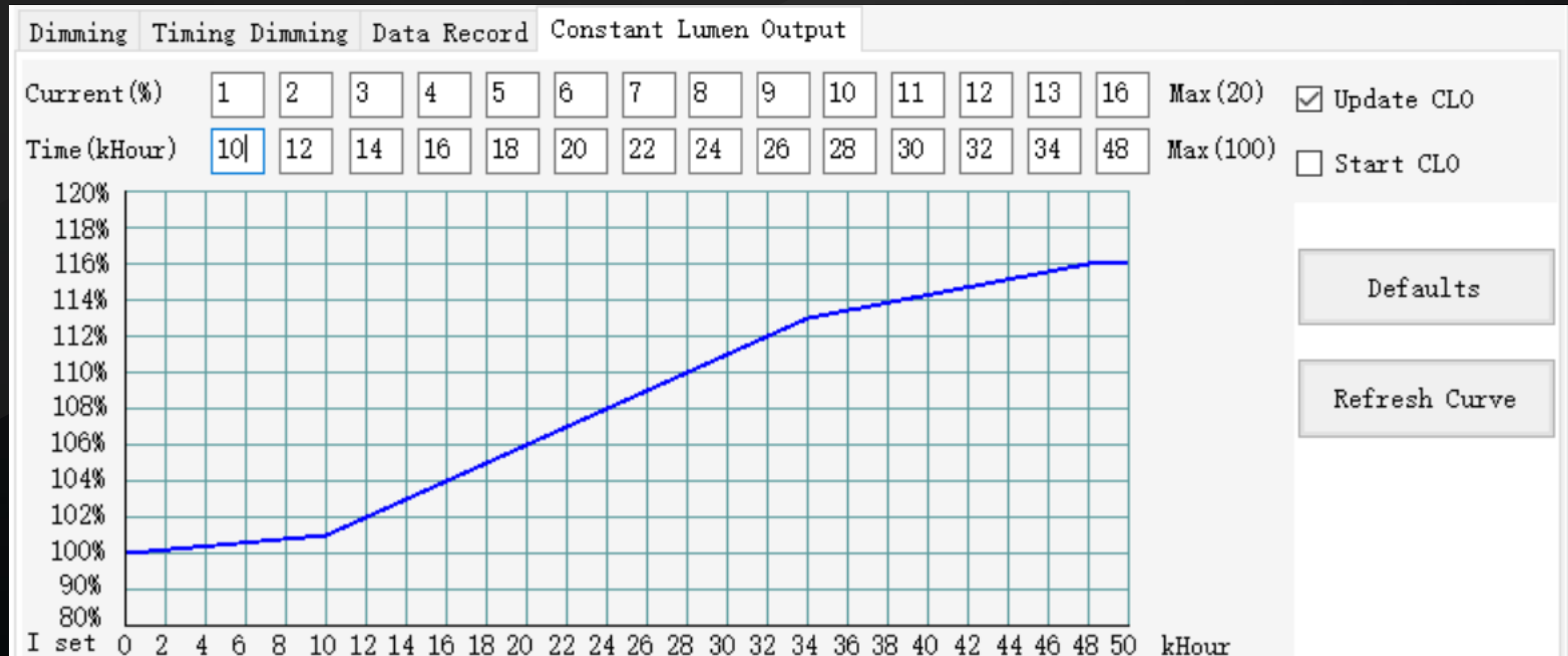
### 03 Black Box function

#### Reading and record operation condition of the driver

- Reading working hours of driver to check it 's warranty .
- Reading last working temperature before switching off and record highest temperature
- Reading current working temperature



## CLO function (constant lumen output)

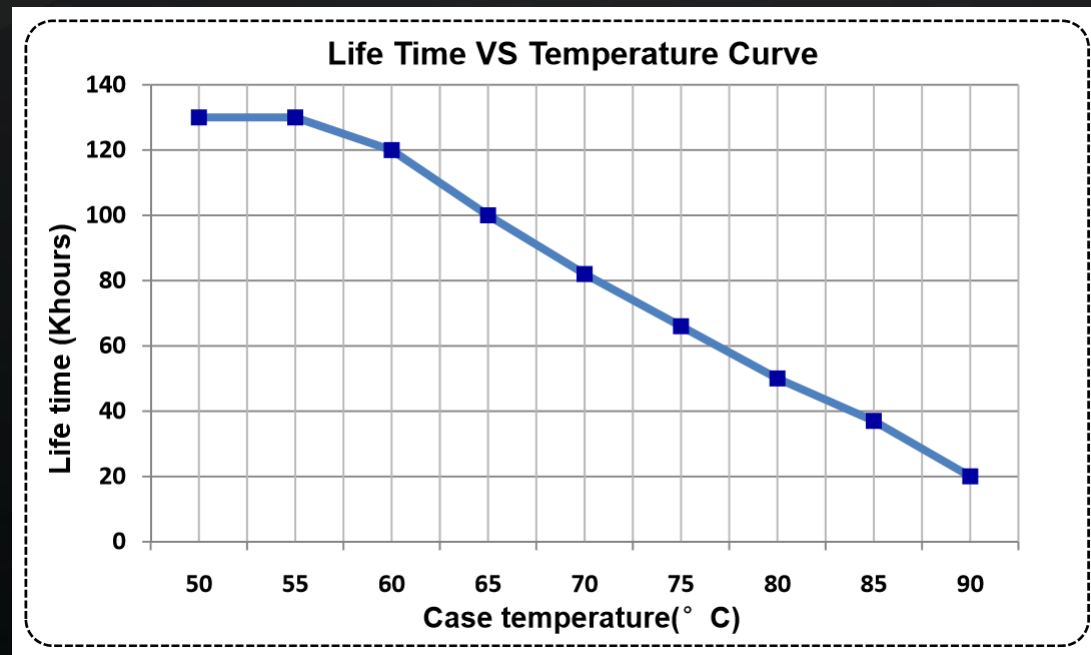


LED will decline with time and temperature, the driver with CLO function can compensate extra lout to reach more Pout to maintain normal lumen of LED.



### Capability to Extend Lifetime / Warranty

- MOSO could define lifetime by setting the max. Tc protection point via software, before delivery, per customers' request.
- Once the Tc point been configured, it's locked for ever, client or end user has no access to modify.
- Client and MOSO are able to read the temperature history and operated hours in "DATA LOG" in the software, to trace if end users used the light fixtures / drivers based on warranty terms.



## 04 Product specification



POWER(W)	V <sub>o</sub> (V)	I <sub>o</sub> (A)	Current factory settings(A)	Typical Efficiency	L*W*H(mm)
75	38-62	1.21-1.88	1.40	89%	128.5*68*37
	54-108	0.70-1.05	0.70	89%	128.5*68*37
105	38-62	1.69-2.50	2.10	91%	153.5*68*37
	100-150	0.70-1.05	1.05	92%	153.5*68*37
150	38-62	2.42-3.60	3.15	91%	173.5*68*39
	107-214	0.70-1.05	0.70	93%	173.5*68*39
200	38-62	3.23-5.00	4.90	92%	193.5*68*39
	96-191	1.05-1.50	1.05	93%	193.5*68*39
240	38-62	3.88-5.71	6.70	92%	208.5*68*39
	171-343	0.70-1.05	0.70	93%	208.5*68*39
320	38-62	1.54-2.41	6.70	92%	203.5*80*40
	228-457	0.70-1.05	1.05	93%	203.5*80*40

THANK YOU

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