

## DS-TL2002A Supplement Light



DS-TL2002A is a supplement light with high beam LED light source and patented design of the lamp cooling structure and a constant current drive control. The products can be widely used in electronic police, security surveillance, speed detection, toll stations, entrance & exit control and road monitoring system. Key features including:

- Adopt aluminum alloy light body, fin-type radiator, and high light transmission with tempering glass.
- High beam LED chips with long lifespan, good stability and high luminous efficiency.
- Professional optical design, light uniformity and distinct target spot.
- Adopt advanced constant current drive technology, which make the current control accurate and stable, enhance the product reliability and reduce the light attenuation effectively.
- Support camera false triggering protection, automatic protection initiation at the abnormal triggering signal and automatic recovery.
- The novelty design of the light, such as small size, light weight and high adaptability, make it quite easy for installation and adjustment.
- The IP65 design make it waterproof and dustproof unfailingly
- Green environmental protection without harmful metal such as mercury and lead.



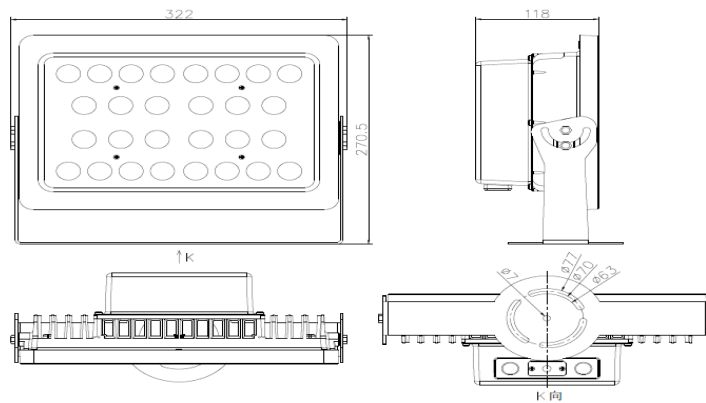
## DS-TL2002A Supplement Light

### Specification

<b>Supplement Light</b>	
Light Type	LED
LED Lamp Beads	28
Color Temperature	5000K to 7000K
Angle of Light	10°
Coverage	1.5 lane
Effective Distance	16 to 25 m
Trigger Manner	TTL level (switch trigger optional)
Trigger Level	4 to 6 V ( High Level Trigger)
Trigger Frequency	15 to 250 Hz
Trigger Duty Ratio	1% to 39% (Enter the protection state at Duty Ratio $\geq$ 40%)
Response Time	$\leq$ 20 us
Day and Night Function	Support ambient brightness detection, and automatic start-up at low illumination (optional)
RS-485	1-ch, supporting PC or camera connection (optional)
Synchronous Interface	1-ch flash trigger input, 1-ch capture trigger input, and 1-ch synchronous flash output (optional)
Parameter Configuration	Supports internal parameter settings, such as turn-on threshold of day and night function, flash, and ultra-high frequency flash delay setting
Exception Detection Signal Output	The default output port outputs high voltage (typically 5 V) (optional), when the light is turned on and the supplement light output current is too large or too small.
Brightness Control	Control brightness by changing the external input PWM Duty Ratio
Service Life	$\geq$ 50000 H
Housing Material	Die-cast aluminum

## Dimensions

Unit: mm



Power Supply	220 VAC $\pm$ 20%, 47 to 63 Hz
Consumption	Max. 60 W (Determined by control model)
Operating Temperature	-40 °C to 70 °C (-40 °F to 158 °F)
Operating Humidity	10% to 90%, no condensation
Weather Proof Rating	IP65
Dimension (W $\times$ H $\times$ D)	322 $\times$ 271 $\times$ 118 mm (12.7 $\times$ 10.7 $\times$ 4.6 inch)
Mounting Mode	Support front-mounted installation (bracket rotation angle: -90° to 90°)
Weight	6.28 kg (13.85 lb)

### Available Model:

DS-TL2002A