DS-TL3000B-I
Multifunctional Supplement Light



DS-TL3000B-I supplement light is a special professional monitoring lamp, which integrates high brightness LED light and xenon lamp light into one. It can realize the function of warm light LED strobe, white light gas flash, and IR gas flash switch. The appearance of the product uses the independent design, lamps and lanterns, heat dissipation structure, and constant current drive control mode, and selects high power LED chips, and Hyman gas lamp as light source. Products can be widely used in intersection violation system, checkpoint, road monitoring, and other systems.

- 24 imported high brightness LED chips, long service life, good stability, high luminous efficiency
- German Hyman lamp, reliable quality, long service life
- Via professional optical design, effectively reduce light pollution
- Adopt stepper motor function, to realize IR filter switch
- LED control adopts advanced constant current drive technology
- Gas flashback time is less than 67 ms, support overspeed shoot
- Gas filling light control with peak inhibition function
- Support IR light LED strobe, white light gas flash, IR gas flash
- Support camera misfire protection function
- IP66 design structure

▪ Specification

Supplement Light	
Light Type	Warm light strobe LED, Hyman white & IR double xenon lamp
IR Wavelength	≥ 700 nm
LED Lamp Beads	24
Center Illuminance	450 lx
Angle of Light	10°
Effective Distance	16 to 30 m
Response Time	≤ 20 us
Color Temperature	3000K(strobe light); 7000K(flash light)
Trigger Manner	TTL level (switch trigger optional)
Trigger Level	5 to 9 V (High level trigger)
Trigger Frequency	0 to 250 Hz
Trigger Duty Ratio	1% to 6% (Enter the protection state at Duty Radio ≥ 7%)
Flash Energy	200 J
Service Life	≥ 50000 Hours (Strobe light), ≥ 20 million Times (Flash light)
Coverage	1 lane(s)
Interface	
Flash Trigger Input	1 Flash trigger input
Strobe Trigger Input	1 Strobe trigger input
Function	
Day and Night Function	Support
Brightness Control	optional
General	
Power	AC 220 V ±20%, 3.5 A, two-core terminal block
Material	Aluminium alloy
Dimensions	Ø 305 mm × 497.16 mm (Ø 12.01" × 19.57")
Package Dimensions	568 mm × 380 mm × 390 mm (22.4" × 15.0" × 15.4") (L × W × H)
Weight	Approx. 7.1 kg (15.56 lb.)
With Package Weight	Approx. 8.4 kg (18.61 lb.)
Operating Condition	-40 °C to 60 °C (-40 °F to 140 °F). Humidity: 10% to 90% (non-condensing)
Storage Condition	-40 °C to 70 °C (-40 °F to 158 °F). Humidity 95% or less (Non-condensing)
Approval	
EMC	EN 50130-4:2011+A1:2014, EN 55032:2015+A11:2020+A1:2020, EN 61000-3-3:2013+A1:2019+A2:2021, EN IEC 61000-3-2:2019+A1:2021
Safety	CB: IEC 60598-1:2020, IEC 60598-2-5:2015, IEC 62031:2018, IEC TR 62778:2014, CE-LVD: EN 60598-1, EN 60598-2-5, EN 62031
Environment	CE-RoHS: 2011/65/EU, WEEE: 2012/19/EU, Reach: Regulation (EC) No 1907/2006
Protection	IP66: IEC 60529: 1989+A1: 1999+A2: 2013

▪ Typical Application

Hikvision products are classified into three levels according to their anti-corrosion performance. Refer to the following description to choose for your using environment.

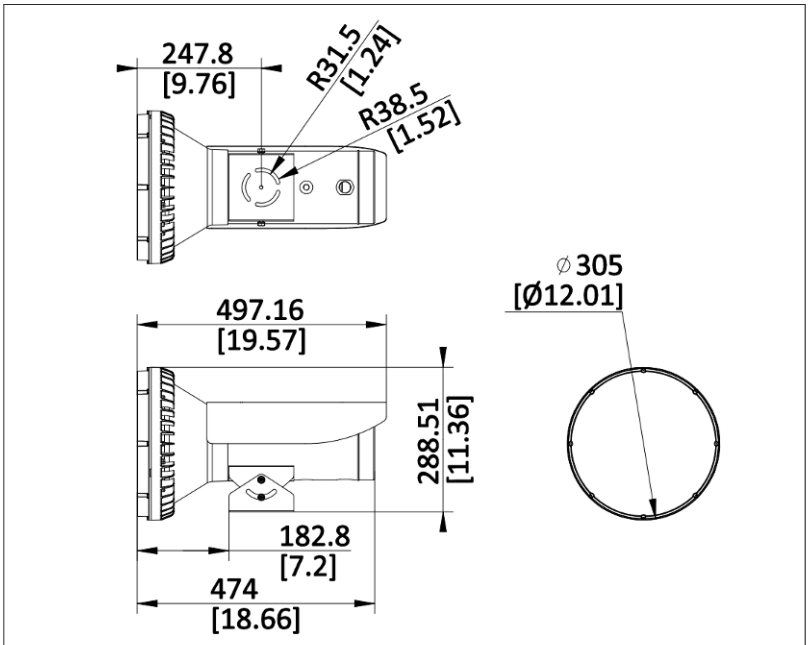
This model has NO SPECIFIC PROTECTION.

Level	Description
Top-level protection	Hikvision products at this level are equipped for use in areas where professional anti-corrosion protection is a must. Typical application scenarios include coastlines, docks, chemical plants, and more.
Moderate protection	Hikvision products at this level are equipped for use in areas with moderate anti-corrosion demands. Typical application scenarios include coastal areas about 2 kilometers (1.24 miles) away from coastlines, as well as areas affected by acid rain.
No specific protection	Hikvision products at this level are equipped for use in areas where no specific anti-corrosion protection is needed.

▪ Available Model

DS-TL3000B-I

▪ Dimension



L × W × H: 497.16 mm × Ø305 (19.57 × Ø12.01)

Camera Mounting Hole[mm]	Camera Mounting Hole[inch]

Unit: mm [inch]

SCALE	1:1

▪ Accessory

▪ Optional

DS-1130-HWB/110-300 Hoop & Bracket	DS-1278ZJ-HWB Hoop & Bracket
	

Headquarters
No.555 Qianmo Road, Binjiang District,
Hangzhou 310051, China
T +86-571-8807-5998
www.hikvision.com

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