DS-TL2025TE
LED Strobe Supplement Light

DS-TL2025TE supplement light is a special professional infrared lamp for monitoring with high brightness infrared LED as the light source. The product adopts the self-designed lamp heat dissipation structure and constant current drive control method. The precise optical design makes the light intensity evenly and effectively distributed, achieves the overall highlight effect, and provides professional supplement light for video surveillance, vehicle pedestrians and other target detection and capture. Products can be widely used in checkpoints, road monitoring and other systems.
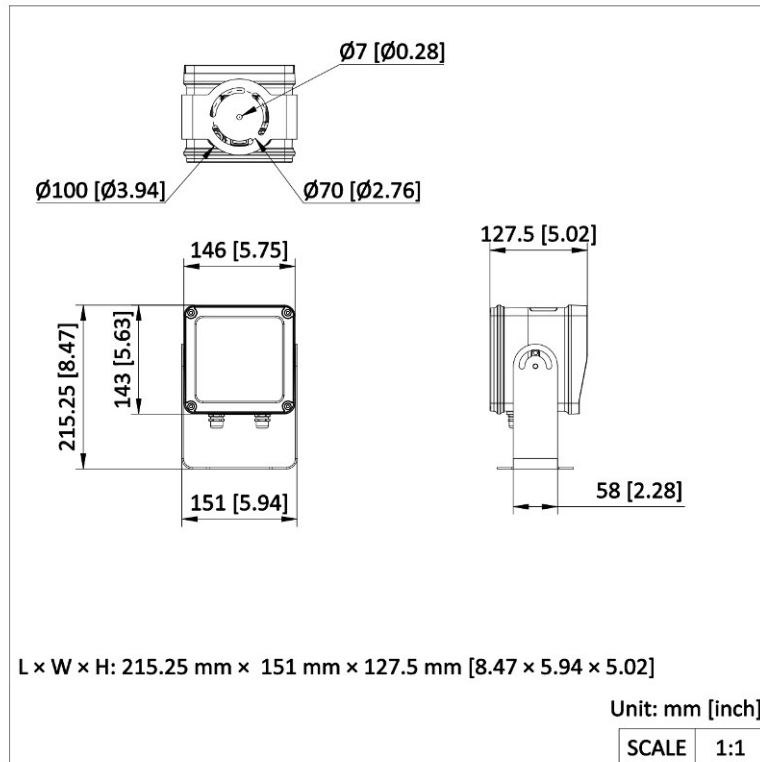
- Adopt aluminum alloy light body, fin-type radiator, and high light transmission with tempering glass.

- High beam infrared LED chips with long lifespan, good stability and high luminous efficiency.

- Professional optical design, light uniformity and target spot distinct.

- 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 IP66 design make it waterproof and dustproof unfailingly.

- Infrared LED strobe light, PWM follow-up trigger, with frequency and duty cycle protection function, light-emitting angle of 10°, can cover three lanes with bracket for side mounting, and one lane for center mounting.

▪ Specification

Supplement Light	
Light Type	High-power infrared LED
IR Wavelength	850 nm
LED Lamp Beads	24
Center Illuminance	1200 mW/m²
Angle of Light	30°
Effective Distance	16 to 50 m
Response Time	≤ 20 us
Trigger Manner	TTL level (switch trigger optional)
Trigger Level	5 to 6 V (high level trigger)
Trigger Frequency	50 Hz
Trigger Duty Ratio	5% (enter the protection state at Duty Radio ≥ 6%)
Service Life	≥ 50000 Hours
Coverage	supports multiple lanes
General	
Power	AC 220 V ± 20%, 0.29 A, 42 W, 3-core terminal block
Material	Aluminum alloy
Dimensions	215.25 mm × 151 mm × 127.5 mm (8.47" × 5.94" × 5.02") (L × W × H)
Package Dimensions	290 mm × 247 mm × 230 mm (11.42" × 9.72" × 9.06") (L × W × H)
Weight	Approx. 2.73 kg (6.02 lb.)
With Package Weight	Approx. 3.4 kg (7.5 lb.)
Operating Condition	-40 °C to 55 °C (-40 °F to 158 °F). Humidity: 10% to 95% (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

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.

Dimension

Ø7 [Ø0.28]

Ø100 [Ø3.94]　　Ø70 [Ø2.76]

146 [5.75]　　　　127.5 [5.02]

215.25 [8.47]　143 [5.63]

151 [5.94]　　　58 [2.28]

L × W × H: 215.25 mm × 151 mm × 127.5 mm [8.47 × 5.94 × 5.02]

Unit: mm [inch]

SCALE	1:1

▪ **Accessory**

▪ **Optional**

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

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