Tri-Color Industrial Traffic Light



Product Overview

DKKI Tri-Color Industrial Traffic Light is engineered for high-visibility status indication in extreme industrial environments such as steel mills and foundries. Featuring three 100 mm polycarbonate lenses in red, amber, and green, the unit uses energy-efficient LED modules to deliver clear, step-by-step process communication. Its rugged PVC housing is IP66-rated, offering resistance to dust, water, vibration, and extreme temperatures from −40°C to +70°C. With flexible mounting options and wide-angle visibility, the signal ensures reliable performance and unmistakable alerts during molten metal temperature and measurement operations.

Key Features

- Tri-color LED lenses for clear process communication signals
- High luminosity visible over 100 meters in daylight
- Rugged PVC housing resists dust, water, and vibration
- Operates in extreme temperatures from −40°C to +70°C
- Long-life LEDs rated for 50,000 hours continuous operation
- Anti-glare optics with 180° horizontal viewing angle
- Flexible mounting: panel, pole, or wall installation options
- Compatible with standard 230V AC electrical systems
- Compact design with low power consumption per lens

Why DKKI

- Proven success for over three decades
- ISO 9001:2015 certified quality
- In-house testing under real operating conditions
- Free expert support and comprehensive training
- On-site consulting and troubleshooting
- Fast order processing with flexible logistics
- Standard products, customizable options
- Transparent partnerships that build trust
- Proactive customer engagement

Application Areas

- Steel mills requiring visual process status communication
- Foundries monitoring molten metal temperature operations
- Industrial plants with high ambient noise and vibration
- Manufacturing zones needing durable visual alert systems
- Harsh environments demanding reliable LED signal indicators

APPROVED SA308-01

SINCE 1980 SIGN OF TRUST

Headquarter: 69 South Dibaji Street, Unit 107, Tehran 1959713303, Iran, +98 21 88745330-5, info@dkki-co.com
Factory: 79-81 Azmoon Street, Damavand 2nd Industrial Area, Damavand 3976161055 , Iran, www.dkki-co.com

Monitoring & Conformity Assessment Iran
CERTIFIED
ISO 9001:2015
Certificate No. IR0190126055

Technical Specifications

Parameter	Description
Lens Diameter	100 mm polycarbonate lens per signal light
Lens Colors	Red / Amber / Green signal indicators
Light Source	High-intensity LEDs rated 50000 hours lifespan
Luminosity	≥200 candela per lens for daylight visibility
Viewing Angle	180° horizontal / 30° vertical projection
Voltage Options	230V AC ±15% standard industrial input
Power Consumption	3W per lens total 9W system usage
Wiring	4-core cable: common and individual colors
Housing Material	PVC body with IP66 protection rating

APPROVED
SA308-01
SINCE 1980
SIGN OF TRUST

Monitoring & Conformity Assessment Iran
CERTIFIED
ISO 9001:2015
Certificate No. IR0190126055