ERA

Quality All

ERArail
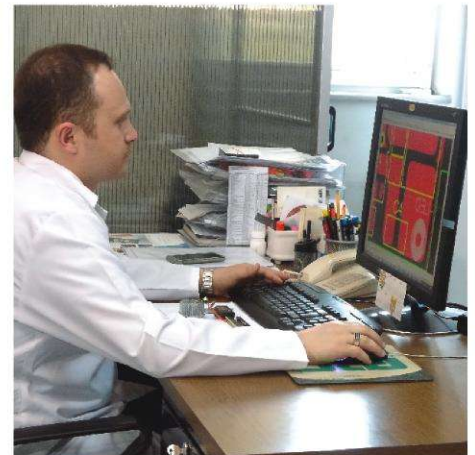
SHORT FORM CATALOGUE

We are transferring our expertise on Bus Interior Lighting and Passenger Information Systems into Railway applications.

Compliance to all Railway Standards
EN 50155, EN 50121-3-2, CEN/TS 45545, EN 61273, EN 13272

IRIS
Certification

New innovative electronic design & manufacturing technologies for rail custom design projects.
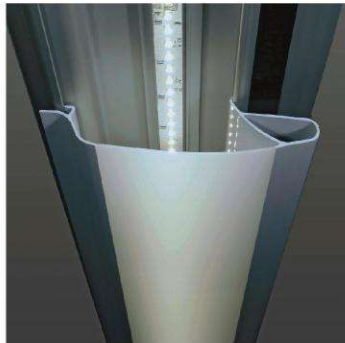
LED LIGHTING PRODUCTS

CLS-LDE LED DIRECT & INDIRECT CONTINOUS LIGHTING SYSTEM

LED Lighting with multi co-extrusion PC Lens for esthetic design.
No Dot Effect, No Dark Area
Night Light, Sun Set, Sun Rise effects and other custom design effects.
CCT 3000K~6000K adjustment (Vario System) for white light.
Controlled by full software touch screen display.

LCP TOUCHMATIC CONTROL UNIT FOR LDE LIGHTING SYSTEM

LCD Touch Screen panel for LED Lighting System controls.
Touch screen software control,
White light, soft on/off,
Night light soft on/off,
Dim control,
Sun set and sun rise effects
Other custom design effects
White Light CCT adjustment
Night light color adjustment

RTE-T4 CUSTOM DESIGN CONTINUOUS LINE TRAM CAR LED LIGHTING

LED Light with LSM3 LED Strips, Special PC Lens, aluminum profiles and end caps
Supply Voltage: 24VDC
50% Dim Light for emergency
No Dot Effect, No Dark Area
Illumination: 200 lux @1.3 mt

LGP SERIES LED PANEL LIGHTING FIXTURES

LED Light with LGP Panel
Very smooth LED light,
no dot effect
Surface mounting, high brightness
Very Low height (19.7 mm)
Illumination: 175~235 lux @1 mt

ELA2 SERIES LED LIGHTING FIXTURES

LED Lighting Fixture
Recessed Mounting
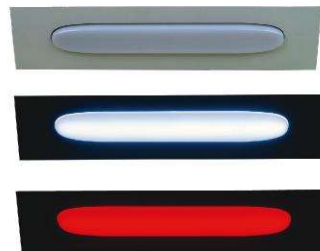No screws on the caps
Illumination: 76 ~150 lux

KTA CUSTOM DESIGN TRAM CAR LED LIGHTING FIXTURES

LED Light with LSM3 LED Strips, Special PC Lens, aluminum profiles and end caps
Supply Voltage: 220VAC, 100 Hz
Emergency Voltage: 24VDC
No Dot Effect, No Dark Area
Illumination: 200 lux @1.3 mt

LD SERIES MR-16 LED SPOT LIGHTS

Supply Voltage: 12-24VDC (8-32VDC)
Power: 5.6W
Illumination: 750-950 lux @1 mt
View Angle: 20°
CCT: 3000K and 6000K
Fixtures: Fix Head and Movable Head

DIL SERIES DOOR INDICATOR LIGHTS

Supply Voltage: 24VDC, 110VDC
Number of SMD LEDs: 18 LEDs
Module Dimensions: 250x43x37 mm
Colors: White, Red
Optional: Yellow, Green or Blue

DCL-201.XX CUSTOM DESIGN DRIVER'S CABIN LED LIGHT

Supply Voltage: 24VDC (18-36VDC)
Number of SMD LEDs: 222 LEDs
Module Dimensions: 850x211x55 mm
Illumination: 510 lux @1.3 mt
Colors: 3500K

RWB-22G1.L 24VDC, 1x18W, 2x18W, 1x36W TLD FLUORESCENT LAMP BALLAST

Pre-heat, Long Life
Operating Voltage: 18~32 VDC
Supply Current: 1.10~1.80A
Switching Life Time: > 100,000

SKA SERIES DRIVER'S CABIN LED LIGHTS

Number of SMD LEDs: 28 LEDs
Module Dimensions: 195x165x50 mm
Illumination: 250 lux @1 mt
Colors: 3500K
Optional: Continuous Dimmable Types

PASSENGER INFORMATION PRODUCTS

BIS-2111.RT PASSENGER INFORMATION SYSTEM

Display: 11 digit 1.2" red dot matrix
Displays Time, Temperature, FSB, multilingual STOP sign, WC
Special signs and wordings can be ordered
RTC (Real Time Clock) with internal backup battery
Time Mode: 12 or 24 hours options
Temperature: Digital sensor
Next stop name display

DBC-601, DBC-611 DIGITAL TEMPERATURE CLOCK

Surface mounting & uniform shape
Display: 1.2" (30.5 mm) 7 segments, 4 colors
Options:
• RTC (Real Time Clock) with internal backup battery
• Time Mode: 12 or 24 hours options
• Temperature: Digital sensor

BSU-601 SERIES SIGN UNITS

Display Area: 146 x 48 mm or 2 section 72x48 mm
Backlight: SMD LED
Display:
• FSB Sign: 91/671/EEC compliance
• WC Sign: Red or Green & Red
• Any shape or text can be ordered.

DBC-403.A DIGITAL CLOCK

Recessed mounting
Display: 1.5" (38.1 mm) 7 segments
Options:
• RTC (Real Time Clock) with internal backup battery option
• Time Mode: 12 or 24 hours options
• Temperature Indicator: Digital sensor

BSU-403.LX SERIES SIGN UNITS

Display Area: 146 x 48 mm or 2 section 72x48 mm
Backlight: SMD LED
Display:
• FSB Sign
• WC Sign: Red or Green & Red
• Any shape or text can be ordered.

LED DRIVERS

CON-202.D SMPS LED DRIVERS

Supply Voltage: 24VDC (18~32VDC)
Output Voltage: 14 VDC
Output Current: 10 A
Dim Control: 1 step or multi steps
Protections: Short circuit, wrong connections, over current

LDM-202 SMPS LED DRIVERS

Supply Voltage: 24VDC (18~32VDC)
Output Voltage: 14 VDC
Output Current: 2.5A Switch Mode Type
Dim Control: 1 step or multi steps
Protections: Short circuit, wrong connection

V4, 25.02.16