



Features

- High brightness
- Low power consumption
- LED light
- Single source of light
- Failure detection
- Brightness adjustment
- Fresnel lens

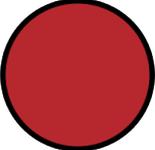
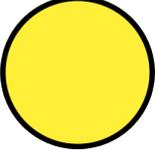
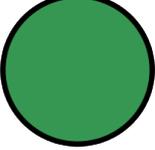
The ACLS series is a series of traffic lights with a diameter of 30 cm and with HiFlux LEDs as the light source. All signs such as arrows, U-turn signs, etc. are available. Pedestrian signals

are also available. They are powered by either 230V AC or 24V DC depending on the model.

| Description | Parameter |
|-----------------------------|---------------------------------|
| Light source | High Flux LED |
| Uniformity of Luminance | Better than 1: 2.5 |
| Central light insensitivity | > 400cd (EN12368) |
| Colour acc. to (EN12368) | Green – Wavelength 498-507 nm |
| | Red – Wavelength 618-630 nm |
| | Yellow – Wavelength 587-595 nm |
| Rated power | 10W |
| Brightness setting | Deeming by PWM signal from ATCS |
| Controller | Inbuilt with temperature |

| Description | Parameter |
|------------------------------|---|
| | compensated current source |
| Front | UV-stabilized polycarbonate 300mm diameter |
| Powers Supply | 24V DC or 230V AC (depending on the model) |
| Cooling | Passive |
| Special functions | Failure detection |
| Environmental Specifications | Operating Temperature: -0 to +60°C (-20 to 60°C on request) Humidity: 5% to 95% RH |

Model selection with images

| | Model | Supply | Colour (RGY) | Sign | Image |
|------------------------------|--------|--------|--------------|------|---|
| Red round | ATL-30 | -24 | - R | none |  |
| Yellow round | ATL-30 | -24 | - Y | none |  |
| Green round | ATL-30 | -24 | - G | none |  |
| Red straight arrow | ATL-30 | -24 | - R | - AS |  |
| Yellow straight arrow | ATL-30 | -24 | - Y | - AS |  |
| Green straight arrow | ATL-30 | -24 | - G | - AS |  |
| Red left arrow | ATL-30 | -24 | - R | - AL |  |
| Yellow left arrow | ATL-30 | -24 | - Y | - AL |  |
| Green left arrow | ATL-30 | -24 | - G | - AL |  |

| | | | | | |
|----------------------------------|--------|-----|-----|-------|---|
| Red right arrow | ATL-30 | -24 | - R | - AR |  |
| Yellow rightarrow | ATL-30 | -24 | - Y | - AR |  |
| Green right arrow | ATL-30 | -24 | - G | - AR |  |
| Red U turn arrow right | ATL-30 | -24 | - R | - AUR |  |
| Red U turn arrow left | ATL-30 | -24 | - R | - AUL |  |
| Yellow U turn arrow right | ATL-30 | -24 | - Y | - AUR |  |
| Yellow U turn arrow left | ATL-30 | -24 | - Y | - AUL |  |
| Green U turn arrow right | ATL-30 | -24 | - G | - AUR |  |
| Green U turn arrow left | ATL-30 | -24 | - G | - AUL |  |
| Red straight right arrow | ATL-30 | -24 | - R | - ASR |  |

| | | | | | |
|------------------------------|--------|-----|-----|-------|---|
| Red straight left arrow | ATL-30 | -24 | - R | - ASL |  |
| Yellow right straight arrow | ATL-30 | -24 | - Y | - ASR |  |
| Yellow straight left arrow | ATL-30 | -24 | - Y | - ASL |  |
| Green straight right arrow | ATL-30 | -24 | - G | - ASR |  |
| Green straight left arrow | ATL-30 | -24 | - G | - ASL |  |
| Red left-right arrow | ATL-30 | -24 | - R | - ALR |  |
| Yellow left-right arrow | ATL-30 | -24 | - Y | - ALR |  |
| Green left-right arrow | ATL-30 | -24 | - G | - ALR |  |
| Green left arrow conditinal | ATL-30 | -24 | - G | - ACL |  |
| Green right arrow conditinal | ATL-30 | -24 | - G | - ACR |  |

| | | | | | |
|-----------------------------------|--------|-----|-----|--------|---|
| Green Walkman | ATL-30 | -24 | - G | - WLK |  |
| Yellow Walkman | ATL-30 | -24 | - Y | - WLK |  |
| Red Stopman | ATL-30 | -24 | - R | - STP |  |
| Red Bicycle | ATL-30 | -24 | - R | - BYK |  |
| Green Bicycle | ATL-30 | -24 | - G | - BYK |  |
| Red Bicycle + pedestrian | ATL-30 | -24 | - R | - BYKP |  |
| Green Bicycle + pedestrian | ATL-30 | -24 | - G | - BYKP |  |

All pictures are for illustrative purposes only. The exact pattern of the mark depends on national standards and is individually agreed with the client.

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