

## Traffic Signals Single Source

## ATL-30 series



### Features

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

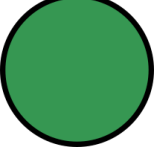


The ACLS series is a series of traffic lights with a diameter of 30 cm and with HiFlux LEDs as the light source. All signs such as arrows, U-turn signs, etc. are available. Pedestrian signals are also available. They


are powered by either 230V AC or 24V DC depending on the model. ATL-30 have built-in light source failure detection and brightness control.

Description	Parameter
<b>Light specification</b>	
<b>Light source</b>	High Flux LED
<b>Uniformity of Luminance</b>	Better than 1: 2.5
<b>Central light insensitivity</b>	> 400cd (EN12368)
<b>Colour acc. to (EN12368)</b>	Green – Wavelength 498-507 nm Red – Wavelength 618-630 nm Yellow – Wavelength 587-595 nm
<b>Brightness setting</b>	Deeming by PWM signal from ATCS
<b>Power</b>	
<b>Rated power</b>	10W
<b>Powers Supply</b>	24V DC or 230V AC (depending on the model)
<b>Controller</b>	
<b>LED source controller</b>	Inbuilt with temperature compensated current source

Description	Parameter
<b>Special functions</b>	Failure detection
<b>Physical characteristics</b>	
<b>Front</b>	UV-stabilized polycarbonate 300mm diameter
<b>Back material</b>	PVC
<b>Cooling</b>	Passive
<b>Environmental specification</b>	
<b>Operating temp.</b>	-20 ~ 65°C (-4 ~ 149°F) -25 ~ 70°C (-13 ~ 258°F) (extended range optional)
<b>Storage temp.</b>	-40 ~ 85°C (-40 ~ 185°F)
<b>Ambient RH</b>	5% ~ 95% (non-condensing)

## Model selection

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	

<b>Green Walkman</b>	ATL-30	-24	- G	- WLK	
<b>Yellow Walkman</b>	ATL-30	-24	- Y	- WLK	
<b>Red Stopman</b>	ATL-30	-24	- R	- STP	
<b>Red Bicycle</b>	ATL-30	-24	- R	- BYK	
<b>Green Bicycle</b>	ATL-30	-24	- G	- BYK	
<b>Red Bicycle + pedestrian</b>	ATL-30	-24	- R	- BYKP	
<b>Green Bicycle + pedestrian</b>	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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