

**ב.ג. אילנית שערים  
ואלמנטים אורבניים בע"מ**

**Technical Data Sheet**

<b>NAME OF THE PRODUCT : Traffic Light -vehicular</b>	
<b>PRODUCT Model No.: TL1320</b>	
<b>PRODUCT DEFINITION:</b> The traffic light is used to control the flow of vehicles through the Roads. Red signal indicates, "Stop" & Green signal indicates, "Go" (Red & Green). In smaller towns 200 mm dia Traffic Lights are also used.	
<b>Specification</b>	
<b>Technology</b> -LED Based; 5 mm LED –Super bright	
<b>Signal Head</b>	
Housing	200mm-STANDARD Molded
Housing Material	Polycarbonate Plastic
Hood(visor)	Plastic-PC
Type of Signal Head	2 Aspect- STANDARD –Ball Type
Color Aspect	Red & Green
<b>LED Kit</b>	
LED	5 mm LED –Super bright-clear
LED Retrofit Dia.	200mm (±10%) full round
Activation	By Lane PC
LED Intensity	Green: 12000 mcd and Red: 6000 mcd
Light Intensity(Brightness)	≤200cd
Chain Failure	No chain failure of LEDs. Failed LED only will not work.
Wave Length	Red-625nm and Green-505nm
PCB Protection	<ul style="list-style-type: none"> <li>• High Quality</li> <li>• Green masking</li> <li>• Pads- Tin plated</li> <li>• Conformal coating for moisture protection</li> </ul>
Interface	Seperate 230 V AC or 24V DC. Inputs for Red and Green
<b>Power</b>	
Power Input	230V AC /50 Hzor 24V DC
<b>Power Supply</b>	
Power Supply	SMPS
Power Factor	More than 0.90%
Power Protection	Surge supression and protection
<b>Enclosure</b>	

Enclosure/Body	<ul style="list-style-type: none"> <li>Materials:PlasticPolycarbonate •</li> <li>Hood:SunHood-Plastic 75mm •</li> <li>Finish:grayishBlack texture •</li> <li>Size:W250mmx H500mmxD140mm •</li> <li>Mounting:PoleMounting from back and side •</li> <li>Front:clearLens •</li> <li>. Protection:LED Kit is designed and sealed like a beam conforming to per IP 65 •</li> </ul>
Viewing Angle	< 23 degrees
Visibility	200 meters
Operating Temperature	-5 °C to 65 °C
Dimming	Night Dimming facility available (optionally)
Environmental	<ul style="list-style-type: none"> <li>• Humidity: 95% RH</li> <li>• Conforming to IP 65 ratings. It is a sealed beam type LED kit and conforms to IP65 ratings</li> </ul>
MTBF	>50,000 Hours
MTTR	20-30 Minutes
Termination	Industrial grade Connectors

Envoy/TDS/Traffic Light

