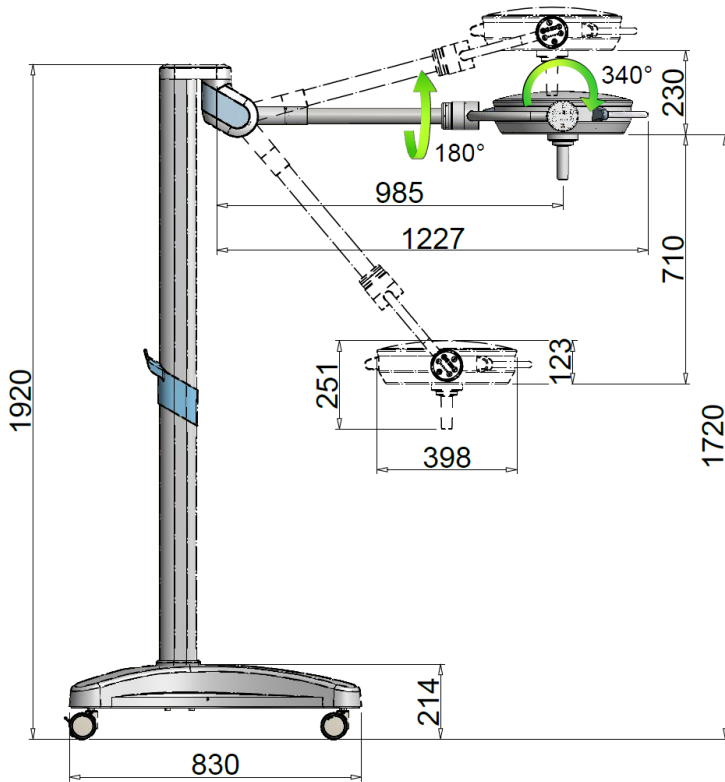



**ORION 40 DS**
**TECHNICAL DATA**


| <b>Performances at 80cm distance</b>                                      |  |
|---|--|
| <b>ORION 40 DS</b>  |  |
| Light intensity at 80cm (Ec)  | 130klx (5000K)<br>60klx (with DENTAL CARE) |
| Color temperature (K)   | 4500/5000                                  |
| Color rendering index (CRI)   | 96   |
| R9  | 90   |
| Luminous source   | n°30Led x1,4W                              |
| Focusing  | Fixed                                      |
| Depth of light field  | 49 cm                                      |
| Diameter of light field d <sub>10</sub><br>(with small diameter selected) | 13 cm                                      |
| Diameter of light field d <sub>10</sub><br>(with big diameter selected)   | 21 cm                                      |
| Radiated energy (Ee)  | 299 W/m <sup>2</sup>                       |
| <b>Electrical data</b>  |  |
| Primary voltage (Vac)   | 110/230 V                                  |
| Secondary voltage (Vdc)   | 24 V                                       |
| Frequency   | 50/60 Hz                                   |
| Power absorption  | 70 VA                                      |

**- ELECTRICAL ARRANGEMENT OF THE SITE**

The electrical system arrangement works of the site used as medical premises to power the Product must be carried out in a safe way according to the standards by qualified personnel.

By qualified personnel we mean, including but not limited to, the following professionals:

Electro-technician licensed to practise as electrician.

The electrical plant of the site in which will be carried out the installation, must complies with IEC 60364-7-710 (standards for electrical installations for rooms used for medical purposes), and the laws and / or regulations in force.

The electrical system must be certified by an electrician licensed to issue the conformity certificate.

The verification of the grounding circuit must be certified as required by the norms in force.

The electrical system shall provide the use of appropriate cables in reference to the electrical characteristics of the product to be supplied.

The electrical system must be provided with a fuse protection or magneto-thermal switch upstream the product, to avoid the risk of damage as a result of a failure and / or malfunction of the electricity network.

**ELECTRICAL PLANT CONFORMITY****DECLARATION**

Based on the above points, it is hereby certified that the electrical arrangement of the site, carried out at:

*Customer name and address:* \_\_\_\_\_  
\_\_\_\_\_

were carried out in solid and safe way, according to the rule of art.

*Engineer calculator name  
and address:* \_\_\_\_\_  
\_\_\_\_\_

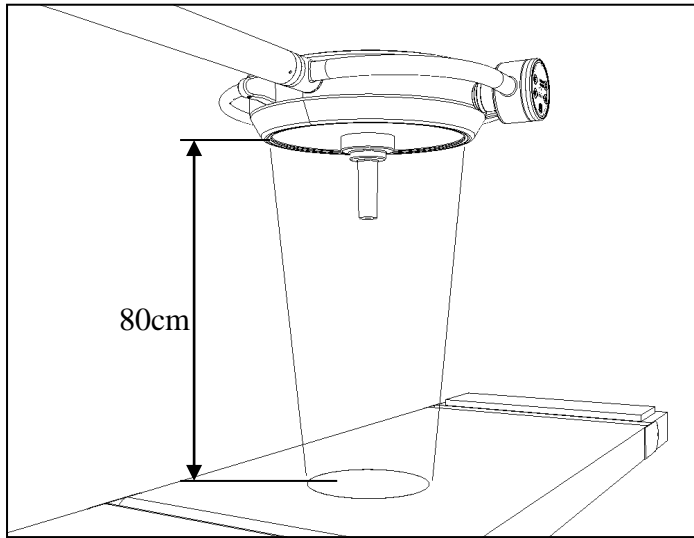
**Signature** \_\_\_\_\_ **Date** \_\_\_\_\_

*Executing works firm name  
and address:* \_\_\_\_\_  
\_\_\_\_\_

**Signature** \_\_\_\_\_ **Date** \_\_\_\_\_

**IMPORTANT:**

**TECNO-GAZ S.p.A. declines all responsibility for any electrical failure can occur over time**

**WORKING DISTANCE**

To obtain the optimization of the light intensity, it is recommended to use the product at the distance of 80cm.

However, the product ensures a good light intensity even when used at a distance range between 70cm and 130cm.