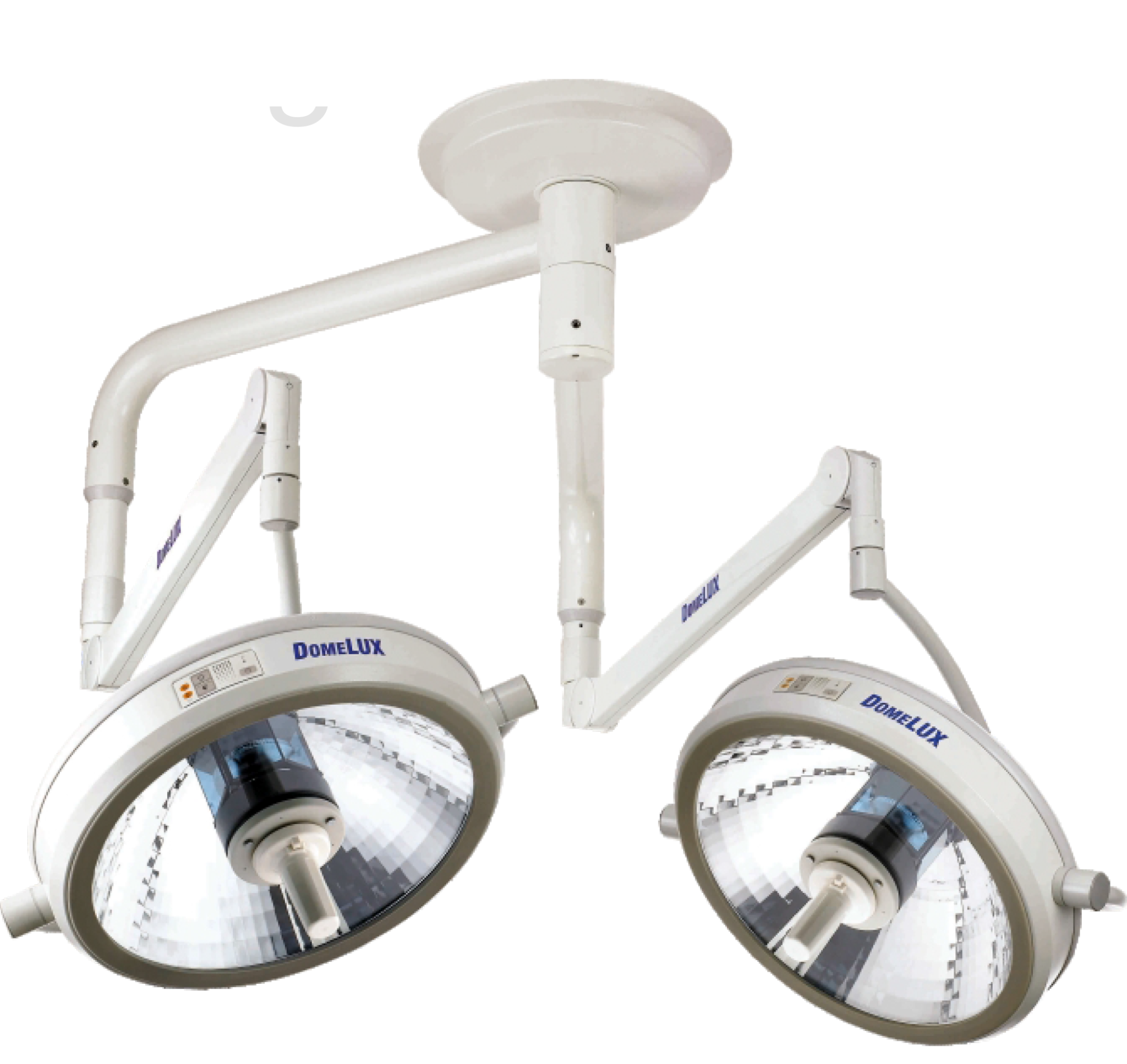
OTM-04 - Ceiling operating light

**Description**

*Standard double head lamp for operating room.*

**Reference Picture**

***Note:*** *The images below are intended solely as a guiding support and should be considered as purely indicative and not restrictive of the expected item characteristics*



**Installation requirements**

1. 220 V, 50/60Hz mono-phase electrical source with line connection.
2. The supplier will anchor the equipment to the ceiling providing all the necessary tools and mechanical interfaces.
3. The supplier will supply and install an isolation transformer dedicated for the light if not included in the light itself.
4. The supplier will guarantee low tension, not greater than 24V, in the lamp body.
5. The supplier will provide reconstruction of the whole ceiling, floor and the walls of the rooms possibly affected by electrical connections, by the anchor operations as well as all other damages caused to the rooms during the installation.
6. The reconstruction of the damaged area will have the same quality and finishes of the existing one.
7. The tenderer will include a detailed cost for the works in the economic offer.

| Brand / Marque | |  | |
| --- | --- | --- | --- |
| Model / Modèle | |  | |
| Model code as per manufacturer classification / Numéro de référence du produit fournisseur | |  | |
| Manufacturer name / Nom du Fabricant | |  | |
| Manufacturing site / Site du Fabricant | |  | |
| Country of manufacturing / Pays de fabrication | |  | |
| Country of origin / Pays d'origine | |  | |

|  | **UNOPS Minimum technical requirements // Exigences techniques minimales de l'UNOPS** | **Complies (Yes/No) // Conforme (Oui/Non)** | **Comments/ Technical data //**  **Commentaires/Données techniques** |
| --- | --- | --- | --- |
| **A** | **Functionality and Performance / Fonctionnalité et performances** |  |  |
|  | **Operational Characteristics** |  |  |
| 1 | Bulb lamp tension no greater than 24V. |  |  |
| 2 | Composed of 2 equal articulated heads hooked at one point of the ceiling by a multi-joint arm |  |  |
| 3 | Allowed movements and ranges:   * + Arm vertical displacement of at least 75 cm;   + Horizontal independent rotation of each head of at least 340;   + Independent inclination of each head of at least 90º. |  |  |
| 4 | Exposed surface characteristics:   * + Free of sharp edges and washable;   + Resistant to corrosion, water, detergent soap, 70% ethyl alcohol solution with or without nitrite and to the hypochlorite of sodium. |  |  |
| 5 | LED light. |  |  |
| 6 | Each head’s external diameter: between 400 mm and 800 mm. |  |  |
| 7 | Light intensity at 1 meter distance from the lamp at least 150K Lux. |  |  |
| 8 | Light intensity regulation system with:   * + Continuous control of light intensity at least between 60% and 100%;   + Automatic system that rises the light intensity to 100% in case of control failure;   + Variable focalization, at least manual controlled. |  |  |
| 9 | Light field diameter: not less than 20 cm at 1 meter distance from the light source. |  |  |
| 10 | Light source color temperature ~~greater than 8000 ºK~~ between 3000 - 5000 ºK. |  |  |
| 11 | Color Rendering index of the illumination at least 92%. |  |  |
| 12 | Maximum SAR in the operating field: 30 mW/cm2 measured at 1 meter from the light source. |  |  |
| 13 | Manual mobilization of each lamp through removable autoclave sterilizable handler, included. |  |  |
|  | **Accessories** |  |  |
| 1 | Four (4) removable autoclave sterilizable handlers if applicable. |  |  |
| 2 | ~~One (1) spare lamp bulb.~~ Written warranty that the Led lamp has a useful life of at least 40.000 hours |  |  |
| **B** | **Certifications and post sales included in the offered price** |  |  |
| 1 | The Supplier, included in the offered price, will provide the post sales services described in the document “OT-PS Type III post sales requirements for Medical Devices”. |  |  |
| C | **Documentation to be provided with the offer** |  |  |
| 1 | The supplier has to indicate in the offer the pre-installation conditions required in the installation site in terms of bearing capacity of the supporting slab. |  |  |
| 2 | The supplier has to indicate in the offer the overall maximum weight and torque of the proposed system: lamp and anchorage system. |  |  |
| 3 | The supplier will provide with the offer a detailed design for a standard installation. |  |  |
| 4 | The supplier will present a Declaration that the installation of the offered goods will be carried out according to the different conditions existing in each installation site. |  |  |
| **D** | **ANY DEVIATIONS OR SUPERIOR CHARACTERISTICS MUST BE INDICATED BELOW // TOUTE DÉVIATION OU CARACTÉRISTIQUE SUPÉRIEURE DOIT ÊTRE INDIQUÉE CI-DESSOUS\* :** | | |
|  | | |