## **Product Information Sheet**

COMMISSION DELEGATED REGULATION (EU) 2019/2015 with regard to energy labelling of light

| sources                                | ELEGATED REGUI   | LATION (EU) 2019/2         | .015 with regard to energ  | gy labelling of light |
|--|--|----------------------------|--|-----------------------|
| Supplier's name                        | e or trade mark:   | ORION                      |  |                       |
| Supplier's addre                       | ess: Qualitätssich   | nerung, Oberlaaerst        | raße 284, 1230 Wien, A   | Γ                     |
| Model identifie                        | r: LED 7,5a 7,5W   | ' SMD(39pcs) 437x7         | mm Band 3000K  |                       |
| Type of light so                       | urce:  |                            |  |                       |
| Lighting techno                        | logy used:   | LED                        | Non-directional or directional:  | DLS                   |
| Light source cap                       | o-type   | LED module                 |  |                       |
| (or other electri                      | ic interface)  |                            |  |                       |
| Mains or non-m                         | nains:   | NMLS                       | Connected light source (CLS):  | No                    |
| Colour-tuneable                        |  | No                         | Envelope:  | -                     |
| High luminance                         |  | No                         |  |                       |
| Anti-glare shield                      | <u>d:</u>  | No<br>                     | Dimmable:  | Yes                   |
|  |  | Product para               |  |                       |
| Parameter                              |  | Value                      | Parameter  | Value                 |
| Energy consur                          | nption in on-  | General product p          | Energy efficiency  | F                     |
| <u> </u>                               | 00 h), rounded   | ,                          | class  | '                     |
| dicating if it refe<br>a sphere (360º) | s flux (φuse), in-<br>ers to the flux in<br>, in a wide cone<br>arrow cone (90º) | 525 in Wide<br>cone (120°) | Correlated colour temperature, rounded to the nearest 100 K, or the range of correlated colour temperatures, rounded to the nearest 100 K, that can be set | 3 000                 |
| On-mode pow<br>pressed in W            | ver (P <sub>on</sub> ), ex-  | 6,5                        | Standby power (P <sub>sb</sub> ),<br>expressed in W and<br>rounded to the sec-<br>ond decimal  | 0,00                  |
| (P <sub>net</sub> ) for CLS, 6         | candby power expressed in W the second dec-                                      | -                          | Colour rendering in-<br>dex, rounded to the<br>nearest integer, or<br>the range of CRI-val-<br>ues that can be set   | 82                    |
| Outer dimen-                           | Height   | 437                        | Spectral power dis-  | See image             |
| sions without separate con-            | Width  | 7                          | tribution in the range 250 nm to 800   | in last page          |
| trol gear, light-<br>ing control       | Depth  | 1                          | nm, at full-load   |                       |

| parts and non-<br>lighting con-<br>trol parts, if<br>any (millime-<br>tre) |             |  |       |
|--|-------------|--|-------|
| Claim of equivalent power <sup>(a)</sup>                                   | -           | If yes, equivalent power (W)                                       | -     |
|  |             | Chromaticity coordi-   | 0,447 |
|  |             | nates (x and y)  | 0,412 |
| Parameters for directional light   | sources:    |  |       |
| Peak luminous intensity (cd)   | 250         | Beam angle in degrees, or the range of beam angles that can be set | 160   |
| Parameters for LED and OLED lig  | ht sources: |  |       |
| R9 colour rendering index value  | 6           | Survival factor  | 1,00  |
| the lumen maintenance factor   | 0,96        |  |       |

(a)'-': not applicable; (b)'-': not applicable;



Clause

BST Testing (Shenzhen) Co.,Ltd.

Requirement + Test

Report No.: BSTXD221022747420SR

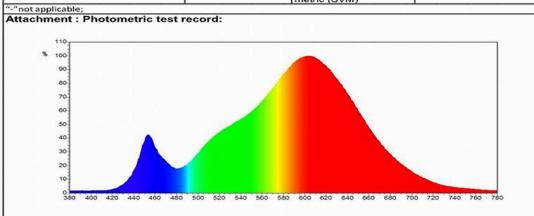
Verdict

Result - Remark

| Parameters for LED and OLED light so | ources:        | 1 1Ē 'L                                  |      |
|--------------------------------------|----------------|--|------|
| R9 colour rendering index value      | 6              | Survival factor                          | 1,00 |
| the lumen maintenance factor         | 0.96           |  |      |
| Parameters for LED and OLED mains    | light sources: |  |      |
| displacement factor (cos φ1)         | 0.986          | Colour consistency in<br>McAdam ellipses | 3.9  |

Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage.

Flicker metric (Pst LM) If yes then replacement claim (W) Stroboscopic effect metric (SVM) 0.9 0.4



Add: No.7, New Era Industrial Zone, Guantian, Bao'an District, Shenzhen, Guangdong, China
Certificate Search: http://www.bst-lab.com, Tel:400-882-6168, 8009990305, E-mail:christina@bst-lab.com
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