



Fraunhofer

TESTED[®] DEVICE

Thorn lighting system
INVINCIBLE 2

Report No. TH 0702-388

DUPPLIKAT

IPA Qualification Certificate

This is to certify that the products mentioned below manufactured by the company

Thorn Lighting Limited

Lighting Technology Centre
Merrington Lane Industrial Estate
Spennymoor
County Durham
DL16 7UR
United Kingdom

have been awarded an IPA Qualification Seal bearing the report number TH 0702-388.

The lighting system INVINCIBLE 2 Part No. 96502859 is suitable for use in cleanrooms fulfilling the specifications of Air Cleanliness Class ISO Class 1 (according to ISO 14644-1).

The lighting system INVINCIBLE 2 Part No. 96502859 is suitable for use in cleanrooms fulfilling the specifications of the room classes E - F (according to EU GMP-Guideline vol.4, annex).

Detailed information and parameters of the test environment can be found in the IPA Test Report compiled by the Fraunhofer Society.

Certified on 28th February 2007.

The duration of the validity of this certificate is unlimited. For further information visit our website at <http://www.ipa-qualification.com>.

Stuttgart, Germany, 28th February 2007

Signature



Fraunhofer

Institut
Produktionstechnik und
Automatisierung