



防 爆 电 气 设 备
Electrical Apparatus for Explosive Atmospheres

防 爆 合 格 证

CERTIFICATE OF CONFORMITY

编 号: CNEx07.1169X
Serial No.

制造单位 Manufacturer	CHALMIT LIGHTING LTD 388 Hillington Road, Glasgow, G52 4BL
样品名称 Name of Product	LUMINAIRES
型号规格 Type of Product	Evolution II
防爆标志 Marking	ExdeIIBT* (-*℃ < ta < +*℃) and DIP A21 IP67 T*℃ (*see annex)
产品标准 Standard	-----
总装图号 Drawing No.	D2688

经对上述产品图样及技术文件的审查和样品的检验, 确认符合下列标准:

The drawings, technical documents and the samples are verified and certified according to standard(s) for safety as below:

- GB 3836.1-2000 Electrical apparatus for explosive gas atmospheres
Part 1: General requirements
- GB 3836.2-2000 Electrical apparatus for explosive gas atmospheres
Part 2: Flameproof enclosure "d"
- GB 3836.3-2000 Electrical apparatus for explosive gas atmospheres
Part 3: Increased safety "e"
- GB 12476.1-2000 Electrical apparatus for use in the presence of combustible dust-
Part 1-1: Electrical apparatus protected by enclosures and surface
temperature limitation- Specification for apparatus

记 事
Note

See the appendix

本证有效期

Valid Date From July 25, 2007 to July 24, 2012

中心主任
Director



国家防爆电气产品质量监督检验中心
CHINA NATIONAL QUALITY SUPERVISION AND TEST
CENTRE FOR EXPLOSION PROTECTED ELECTRICAL PRODUCTS



颁发日期 July 25, 2007
Issue Date

注: 本证仅对符合送检样品的产品有效, 证书持有者有责任保证产品符合标准规定。

Note: This certificate is only valid for the products which identify with the sample(s) tested and verified. Holder(s) of this certificate have the responsibility to ensure the products complying with relevant standard(s).

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防爆(检验)合格证附页

APPENDIX TO CERTIFICATE OF CONFORMITY

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1. The luminaires may be marked depending on lamp type as follows:

Lamp Type	Wattage	Voltage (V a.c.)	T class	Maximum Temperature for Dust Atmosphere	Ambient Temperature range	Cable Temperature Rise (K)	Delay Before Opening Time (Minutes)
Tungsten Halogen E40 Lampholder	Up to 500W	100-277	T3	195°C	-20°C to +40°C	50	15
Tungsten Halogen R7S Lampholder	Up to 500W	100-277	T3	195°C	-20°C to +55°C	40	
HPS SON/T	150W	110-277	T4	130°C	-20°C to +40°C	40	
		110-120	T3	150°C	-20°C to +55°C	35	
	250W	50/60Hz	T4	130°C	-20°C to +40°C	40	
			T3	150°C	-20°C to +55°C	35	
400W	600W	T3	175°C	-20°C to +55°C	40		
50/60Hz		T3	195°C	-20°C to +35°C	55		
MBI(MBI/T)	150W	110-277	T4	130°C	-20°C to +40°C	40	
		110-120	T3	150°C	-20°C to +55°C	35	
	250W	50/60Hz	T4	130°C	-20°C to +40°C	40	
			T3	150°C	-20°C to +55°C	35	
400W	T3	175°C	-20°C to +55°C	40			

2. The low voltage (110-120V) luminaries must be mounted with the lamp pointing horizontally $\pm 10^\circ$.

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