

Product selector *clean area*

MOTIVATION

Whitecroft Lighting is one of the few lighting companies in Europe with the capability to meet every need in a clean room environment.

APPLICATION

Our range offers lighting for every class of room:-

- FS209D Class 1
- Class 10
- Class 100
- Class 1,000
- Class 10,000
- Class 100,000
- Areas where it is vital nothing escapes from the room as in ACDP Category 4 containment facilities
- Less critical unclassified rooms that still require a clean environment

SPECIFICATION

- Diffusers supplied are thermoplastic materials of Tp(a) classification as standard. Tp(b) classification optional
- Louvres supplied are CIBSE LG3 cat 2.200 compliant
- Luminaires are independently BSI tested and certified
- 3 hour Integral Emergency option available
- Dimensions shown are nominal over frame sizes
- Please contact the Technical Help/ Appraisal Line for
 - i) Any dimensions not shown within this brochure
 - ii) If a control gear or optical variant is required
- We can offer help and advice from the outset, relating to what product is appropriate for a given class of room and the method of fixing for optimum integration for different types of proprietary ceilings. Certain chemicals used for sterilisation and cleaning can be aggressive, we will advise the appropriate diffuser materials
- Although we will always use standard products wherever appropriate, on those occasions where special requirements exist we will produce tailored designs



Class 10,000
manufacturing area
using Curie Elite.

National & International Standards

STANDARD COMPARISON CHART								
Country	USA		Britain	EEC	Australia	France	Germany	ISO
Standard	209D	209E	BS5295	GMP	AS1386	AFNOR X44101	VD12083	Standard
Date of issue	1988	1992	1989	1989	1989	1972	1990	1997
						0		
1	M1.5		C	–	0.035	–	1	3
10	M2.5		D	–	0.35	–	2	4
100	M3.5		E or F	A & B	3.5	4000	3	5
1,000	M4.5		G or H	–	35	–	4	6
10,000	M5.5		J	C	350	400 000	5	7
100,000	M6.5		K	D	3500	4000 000	6	8

Clean Room Product Selector

STANDARD	PRODUCT									
FS209D	Lamina	Curie Elite IP65/65	Pasteur Elite IP65/54	Jenner Elite IP65/54	DTFA IP65/54	DTFN IP65/54	Lister IP65/20	Fleming IP65/20	Curie Hazardous IP65/65	DTBY
1	✓									
10	✓									
100	✓	✓							✓	
1,000		✓	✓					✓	✓	
10,000			✓	✓	✓	✓		✓	✓	
100,000				✓	✓	✓	✓	✓	✓	
Unclassified					✓	✓	✓	✓	✓	✓
CONTAINMENT										
ACDP 1-2			✓	✓						
ACDP 3-4		✓								
HAZARDOUS										
Zone 1 or 2									✓	
CEILING TYPE										
Cut aperture		✓	✓			✓		✓	✓	
Modular grid				✓	✓		✓			
Surface	✓									✓
Page	246	239	240	241	242	242	243	244	245	247