

**UNIVERSITY COLLEGE LONDON**

*University of London*

**EXAMINATION FOR INTERNAL STUDENTS**

*For The Following Qualification:-*

*M.Sc.*

**ESGL5: Lighting Practice**

**COURSE CODE : ENVSGLO5**

**DATE : 07-MAY-03**

**TIME : 14.30**

**TIME ALLOWED : 2 Hours**

UNIVERSITY OF LONDON

MSc DEGREE IN BUILT ENVIRONMENT 2003  
for Internal Students of University College London

ESGL5: Lighting practice

Answer **TWO** questions.

All questions carry equal marks. Use annotated sketches.

1. Outline the stages involved in generating the photometric data for a luminaire using a goniophotometer. How is such data used ?
  
2. At what point in the construction process, from client briefing through design development to final commissioning, is it necessary for the lighting designer to make an input ? What is the nature and substance of these inputs ?
  
3. Which tests are made on luminaires to ensure that they are safe in operation and may be sold as commercial products ? Your answer should demonstrate an understanding of the reasons for the use of certain materials in the construction of luminaires.
  
4. International, European and National Codes and Standards cover many areas of lighting design and specification. You are asked to identify those topics that lend themselves to *quantitative* specification and, in addition, identify those topic areas that are *not* amenable to treatment in this way.

END OF PAPER