

## Technical Documentation

a) Model identifier- ELGD12HAGB

b) Total mains efficiency ( $\eta_{TM}$ ) =  $(\Phi_{use}/P_{on}) \times F_{TM}$  (lm/W)  
=  $(4500/40) \times 1.000$   
= 112.5

Energy Efficiency Class of light source=E

Energy efficiency classes of light sources

Energy efficiency class	Total mains efficacy $\eta_{TM}$ (lm/W)
A	$210 \leq \eta_{TM}$
B	$185 \leq \eta_{TM} < 210$
C	$160 \leq \eta_{TM} < 185$
D	$135 \leq \eta_{TM} < 160$
E	$110 \leq \eta_{TM} < 135$
F	$85 \leq \eta_{TM} < 110$
G	$\eta_{TM} < 85$

Signed for and on behalf of:  
Name & position, as authorized by the issuer

Arlec Electrical Company Limited  
Michael Nimmervoll  
Product Engineering & Design Manager

Signature

