

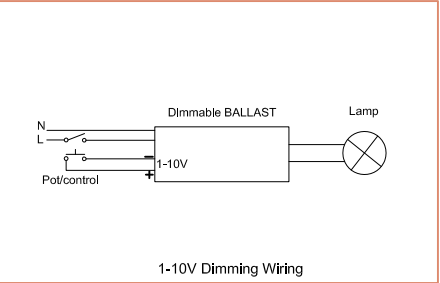
winkLIGHTING		
Ref	Fitting description	
A		Surface mounted ceiling cube downlight Opal glass
B		Recessed adjustable downlight
C		IP rated bathroom downlight White
D		
E		
F		
G		Recessed general downlight Ø225mm White
H		H/O LED tape 2700K + surface mounted channel + diffuser Remote driver to be supplied
K		Elliptical wall light Silver
L		
M		Wall mounted anglepoise task light Aluminium
N		External round wall light Anthracite
P		External wall light Black with clear glass
Q		H/O LED tape 2700K, 20W/m + plaster in profile Remote driver to be supplied First fix element required Phase dimming
R		
S		Wall mounted cube downlight Opal glass
T		External recessed downlight Ø34mm Black
U		Wall mounted mirror with light
V		Recessed linear profile 3000K 1-10V dimming Extra pair of cables required
W		
X		
Y		
Z		

D 10

10

10

10



Fire Danger from Badly Installed Light Fittings

Clause 422 of the Wiring Rules "Protection Against Fire" states that electrical equipment shall not be installed in a position where it could be a fire hazard to adjacent materials.

RECI Inspectors often find extra low voltage light fittings installed in locations without adequate ventilation to prevent heat build-up, this is obviously a breach of the Wiring Rules.

ETCI recommendations

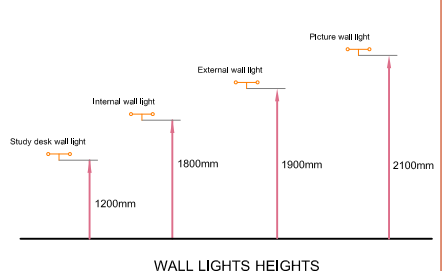
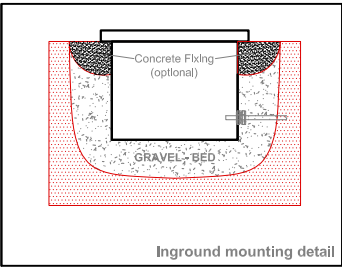
The general "Guide to the Installation of Extra-Low Voltage Lighting Systems" (document E205/1998) issued by the Electrotechnical Council of Ireland recommends that "the installer must ensure that excessive heat build-up is avoided by keeping clear of thermal insulation and having sufficient space around the luminaire" as shown below.

The importance of clearing away the insulation needs to be emphasised for reasons that are obvious if the nature of design and testing of fittings is understood.

Clear Space to avoid build-up of heat

ETCI
ETLV Transformer
Clearing
Hazard

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Rev	Description	Date	Client:	Anne Marie Mc C.
1	Proposal	16-12-16	Project:	Clonlea House
2	Proposal	21-12-16	Project #:	16232
3	Proposal	21-12-16	Drawing:	Ground floor
4	Proposal	04-01-16	Drawn by:	David De Courcy