



Key	
Type A	Surface mounted spotlight
Type B	Mini spotlight
Type C	Linear LED 17.6w/m
Type D	IP65 linear LED 17.6w/m
Type E	Mini joinery downlight
Type F	Inground uplight
Type G	Pendant
Type H	Linear LED 13.2w/m
5A 5A	Twin 5Amp floor socket
5A	5Amp wall socket
1	Lighting circuit
⏻	Switch

- Note A - Constant voltage**
- Parallel wiring.
 - Drivers must not be further than 10m away from the start of the length.
 - Linear LED must be re-energised every 5m.
- Note B - Constant current**
- Wire in series.
 - Drivers must not be further than 50m away from the start of the length.
 - Check max loading of the driver - correct mille ampage must be used.



The Yard
1A Walter Street
BRISTOL BS3 1WS

T +44 (0) 117 963 3404

© Copyright
No part of this drawing may be reproduced, stored in a retrieval system, or transmitted in any form, by any means electronic, mechanical or photocopying, recording or otherwise without prior written permission of the designer.

Project
Kitchen/Lounge
Drawing Title

LED Schematic
Date drawn
27.10.2017

Scale
1:50 @ A3

DWG no.
3B.001.KH

Drawn by
K.Helin

Revision
A

Notes
Responsibility is not accepted for mistakes made by others scaling from this drawing.

- Local or Integral driver/transformer - Note 1**
- One driver per fitting
 - If mains dimming all dimmers used must be confirmed as fully compatible with LED loads specified.
 - If 1-10V dimming allow from dimmer or dimmer rack beldon pair to each driver as well as switch supply.
 - If using DALI dim gear allow for wiring DALI pair in addition to power.

- Constant Voltage - Note 2**
- Driver position 10m max from the start of each run.
 - Parallel wire from driver to each run.
 - If mains dimming all dimmers used must be confirmed as fully compatible with LED loads specified.
 - If 1-10V dimming allow from dimmer or dimmer rack beldon pair to each driver as well as switch supply.
 - If DALI dimming include a DALI pair in addition to power.

- Constant Current LED's - Note 3**
- From remote driver wire in series to fittings.
 - Driver distance to start of each run 50m max.
 - Check max loading of driver (more than one driver per switched circuit may be required)
 - Drivers may be 350 or 700ma - correct mille ampage must be used
 - If mains dimming all dimmers used must be confirmed as fully compatible with LED loads specified.
 - If 1-10V dimming allow from dimmer or dimmer rack beldon pair to each driver as well as switch supply.
 - If DALI dimming include a DALI pair in addition to power.

- 240 Voltage fittings - Note 4**
- If mains dimming all dimmers used must be confirmed as fully compatible with loads specified.
 - Load types; GLS lamps, mains halogen, mains LED lamps, compact fluourescent lamps.

- Individual constant current LED's - Note 5**
- Individually wire each fitting back to remote driver.
 - If 1-10V dimming take 1-10V Beldon pair from dimmer panel/switch to driver/s as well as switch pair.