



- Lighting Layout Legend**
- Extent of works
  - Union Canal
  - ● ● Proposed Towpath Lighting  
Lighting to match existing lighting strategy in place along towpath  
SolarLife F Series Flush Road Stud  
Astucia by Clearview Traffic Group Ltd.  
Red LED Light: 18no. final number tbc (to be placed at 5m centres)  
Green LED Light: 6no. final number tbc (to be placed at 3.5m centres)  
White (shown as grey on plan) LED Light: 56no. final number tbc (to be placed at 7m centres)
  - Up Light:  
Proposed feature Lighting to highlight bridge crests.  
Refer to drawing 1504.L.D(94)001 for Detail
- Spec:**  
 TECHNOLOGY: Active solar voltaic LED  
 REFLECTOR COLOURS: Amber, Red, White, Green, Blue  
 NORMAL OPERATING: -20°C (-4°F) to 60°C (140°F)  
 TEMPERATURE RANGE: -20°C (-4°F) to 85°C (185°F), High Ambient F Series Version  
 LED CONFIGURATION: Uni / Bi directional  
 LEDS PER STUD: 1 per uni directional stud or 2 per bi directional stud  
 LED SIZE: 5mm  
 LED COLOURS: Red to EN1463, White to EN1376 C, Green to EN1463,  
 APPROXIMATE MAX DISTANCE OF VIEW: Up to 900m dependent on road layout  
 LED OUTPUT: >1000lm  
 BATTERY: Nickel metal hydride  
 OUTPUT - FULL CHARGE: Up to 240 working hours with no solar input  
 TIME TO FULL CHARGE: Time to full charge 3hrs @ 100 klux (sunny day)  
 FIXATIVE: Triflex R238 Resin (UK) or Robnor Resin EL628SS (Non-UK)  
 MATERIAL: Polycarbonate & Polyester compound  
 HOUSING COLOUR: -  
 DIMENSIONS: 108 x 112 x 52mm  
 PROJECTION: 4mm (0.15") above road surface  
 WEIGHT: 450g  
 REFLECTOR: Diamond grade

**Notes**

Work to written dimensions only  
 All dimensions to be checked on site  
 Do not scale from drawing  
 Any drawing errors or inconsistencies should be brought to the attention of rankinfraser landscape architecture as soon as they become apparent.

REV	date	revision notes
-	05.01.16	For Information

  

Issue	date	Issue notes

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**rankinfraser**  
 landscape architecture

**project** project nr 1504  
 Fountainbridge\_Gibson Terrace to Viewforth Bridge

**drawing title**  
 Lighting Layout Plan

**client**  
 Scottish Canals

**drawing nr** rev  
 1504.L.G(92)003 -

**date** scale  
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**Issue**  
 information  
 billing  
 tender  
 construction  
 as built

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