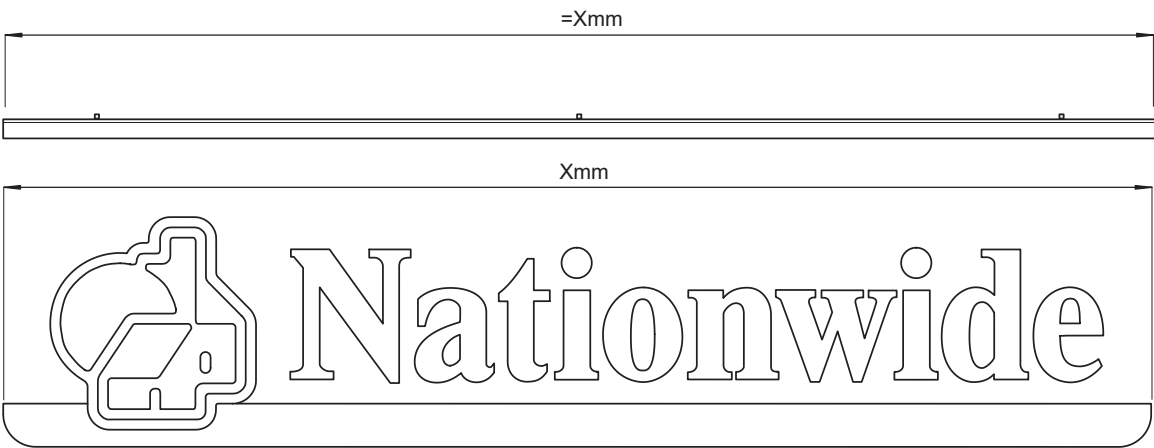


TYPICAL TROUGH LIGHTING SETUP

NOTE: This trough unit can be used with any non-illuminated fascia sign, if acceptable to Planners in place of face illuminated.

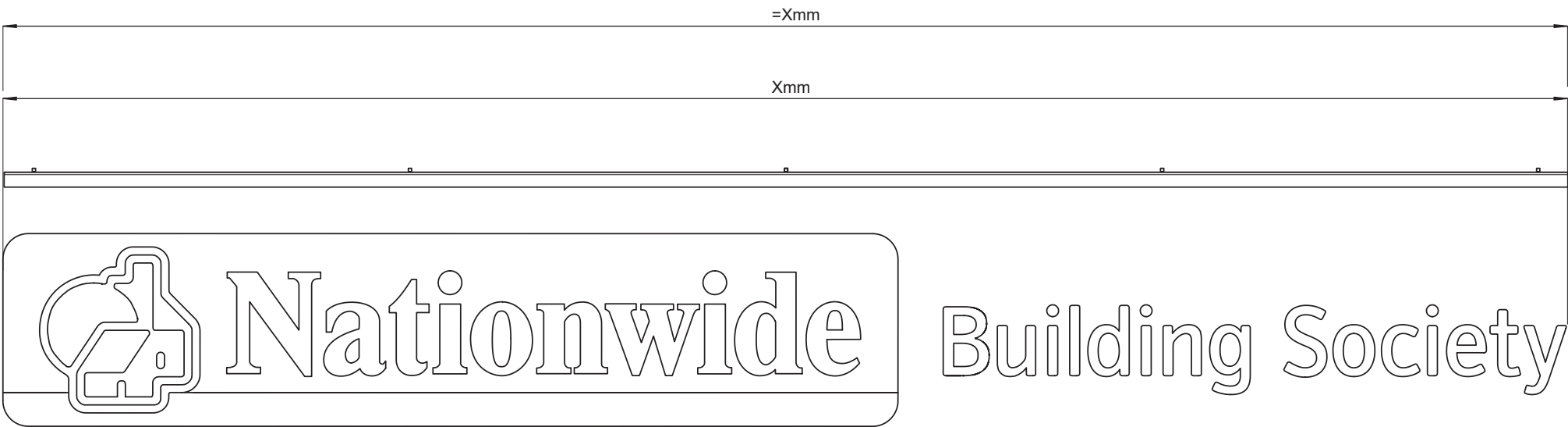
TROUGH LIGHTING FOR NON-ILLUMINATED BUILT UP LOGO

O/A WIDTH OF LIGHTING UNIT TO MATCH WIDTH OF RED UNDERLINE



TROUGH LIGHTING FOR NON-ILLUMINATED BUILT UP LOGO & B.S. LETTERSET

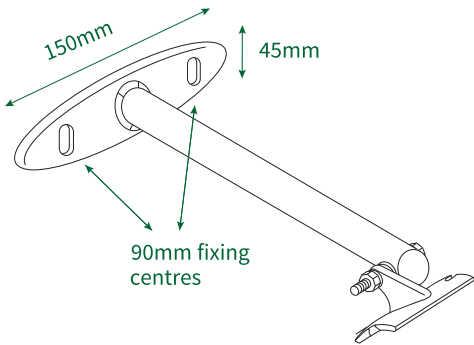
O/A WIDTH OF LIGHTING UNIT TO MATCH WIDTH FROM FAR LH SIDE OF RED UNDERLINE TO FAR RH OF LETTERSET



ALL EXTERNAL TROUGH LIGHTING AND BRACKETS TO BE COATED  
NW GREY - RAL 7031 20% GLOSS

200mm horizontal 'T' fix  
uni bracket

All can be supplied as 50mm, 100mm,  
300mm & 400mm projection.



technical specification

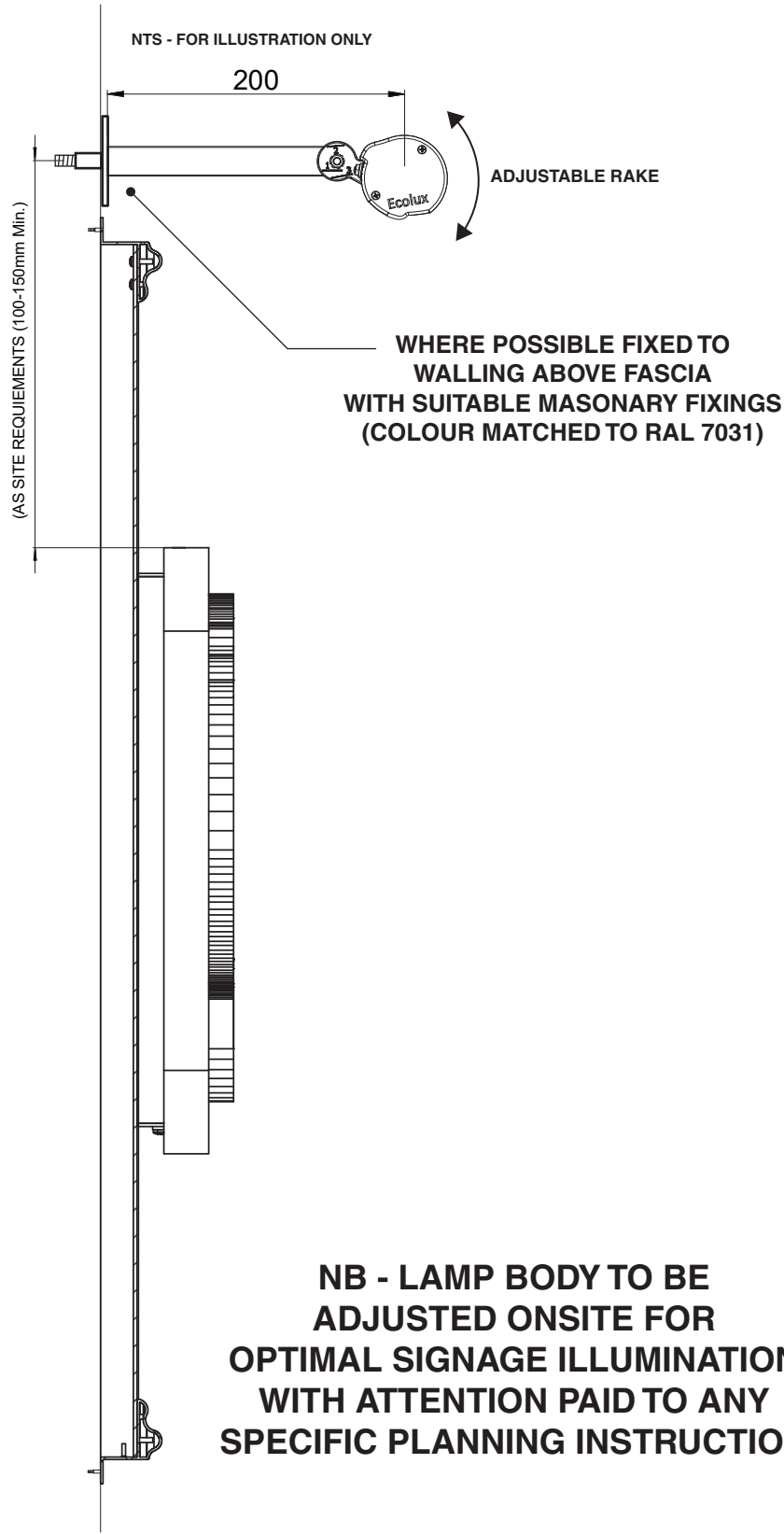
LED strip

Latest high lighting chip giving 1650 Lumens per metre LED output.  
Only 14.4 watts per metre power consumption  
75% energy saving compared to Fluorescent.  
24 volt input, less current less voltage drop.  
6000k cool white 120 degree angle.  
IP65 protected, 50,000 hours+ lamp life.  
5 year Warranty.  
Full CE certification and ROHS compliant.

**Drivers**  
Epoxy encapsulated fully isolated case with IP67 protection.  
Constant voltage design.  
Short circuit, over current, over voltage protection.  
Fitted onto quick release slide in Gear Trays.  
Full CE certification and ROHS compliant.

Light Fitting

Specially designed 45mm aluminium extrusion supplied up to 6000mm lengths which can be joined together using cast aluminium connectors.  
Die cast aluminium end caps with rear cable entry  
Standard 300mm multi brackets.  
Snap-in polycarbonate 90 degree magnifying lens diffuser.  
Casing sealed and certificated to IP65.  
Full CE certificate and 5 year parts warranty.  
Conforms to BS EN 60598-1:2015 and BS EN 60598-2-1:1989 'UK Deviations Only'.  
(The manufacturer's reserve the right to alter specifications without prior notification).



|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                  |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |        |             |            |              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-------------|------------|--------------|
| CLIENT:<br>NATIONWIDE                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                  |             | <div><div><div>principle</div><div>GLOBAL BRAND IMPLEMENTATION</div></div><div>Tandem Industrial Estate Huddersfield<br/>West Yorkshire HD6 0AL United Kingdom<br/>T. +44 (0) 1484 430003<br/>F. +44 (0) 1484 430047<br/>www.principleglobal.com</div><div>DO NOT SCALE THIS DRAWING<br/>DEBUR AND BREAK SHARP EDGES<br/>ALL DIMENSIONS ARE IN MILLIMETERS</div><div>BSI ACCREDITATION:<br/>ENVIRONMENTAL MANAGEMENT<br/>CERTIFICATE NO. FS542208<br/>QUALITY MANAGEMENT<br/>CERTIFICATE NO. FS93787</div></div> |        |             |            |              |
| DRAWING TITLE:<br>TYPICAL EXTERNAL ILLUMINATION LIGHTING SETUP                                                                                                                                                                                                                                                                                                                                                                                                                         |                  |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |        |             |            |              |
| DRAWING No:                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                  |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |        |             |            |              |
| FINISH:<br>See drawing notes                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                  |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |        |             |            |              |
| TOLERANCES: General plus or minus 0.25mm<br>unless specified. Hole centres plus or minus 0.15mm.                                                                                                                                                                                                                                                                                                                                                                                       |                  |             | COPYRIGHT © 2018/9 - The details shown on this drawing are confidential and are the exclusive property of Principle Group of Companies. No use, copy or is closure of this drawing may be made without written permission and it is to be returned to Principle Group of Companies upon request.                                                                                                                                                                                                                 |        |             |            |              |
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| DRAWN BY: BGREENWOOD                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | DATE: 03.09.2019 | WEIGHT: TBC | A3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ISSUE: | REVISION: - | SCALE: NTS | SHEET 1 OF 1 |