



Department
for Transport

Road Traffic Regulation Act 1984 Sections 64 and 65

Authorisation of traffic signs and special directions

Accessible transcript

Secretary of State for Transport's traffic authorisation of signs/markings for the purpose of warning road users of road works and lane closures on motorway and all-purpose trunk roads (including their slip roads) in England, by persons acting on behalf of Highways England, and where Highways England is the traffic authority.

The following pages contain a copy of the text from the Secretary of State for Transport's traffic authorisation regarding the above sign/marking.

A scanned copy of the signed authorisation and supporting signs/markings from the application are appended to this letter. The supporting material is submitted to the Department for Transport by a third party. You should refer to the party involved for accessible copies of the supporting material.



**ROAD TRAFFIC REGULATION ACT 1984 – SECTIONS 64 AND 65
AUTHORISATION OF TRAFFIC SIGNS AND SPECIAL DIRECTIONS**

The Secretary of State for Transport, in exercise of his powers under Sections 64 and 65 of the Road Traffic Regulation Act 1984, and all other powers enabling him in that behalf for the purpose of warning road users of road works and lane closures on motorway and all-purpose trunk roads (including their slip roads) in England, by persons acting on behalf of Highways England, and where Highways England is the traffic authority, hereby:-

1. authorises the placing and use on the said roads of a variable message sign (hereinafter referred to as “the authorised sign”) conforming as to size with that shown in the attached drawing numbered GT50/198/0067-1; and
2. authorises the aspect (hereinafter referred to as “the authorised aspect A”) conforming as to size, colour and character with that shown in the attached drawing numbered GT50/198/0067-2 to be displayed on the authorised sign; and
3. authorises the aspect (hereinafter referred to as “the authorised aspect B”) conforming as to size, colour and character with that shown in the attached drawing numbered GT50/198/0067-3 to be displayed on the authorised sign; and
4. authorises the aspect (hereinafter referred to as “the authorised aspect C”) conforming as to size, colour and character with that shown in the attached drawing numbered GT50/198/0067-4 to be displayed on the authorised sign; and
5. authorises the aspect (hereinafter referred to as “the authorised aspect D”) conforming as to size, colour and character with that shown in the attached drawing numbered GT50/198/0067-5 to be displayed on the authorised sign; and



6. directs that the dimension lines on the authorised aspect A, B, C and D do not form part of the authorised aspect A, B, C and D; and
7. directs that the authorised aspect A, B, C and D shall be displayed in accordance with the guidance in the Traffic Signs Manual Chapter 8 for standard schemes (as specified in Part 3 Section U1) or a competent, risk assessed, site specific design; and
8. directs that the authorised sign should be placed in pairs, either side of the carriageway and if not so placed, must be placed opposite a prescribed sign conforming to diagram 7202.1 in Schedule 13, Part 6, Item 13 of the Traffic Signs Regulations and General Directions 2016 (Part 1 of S.I. 2016/362, “the 2016 Regulations”) displaying an equivalent aspect; and
9. directs that the symbols indicating which lanes are open or closed to traffic shown on the authorised aspect A and B shall be varied as required, to indicate to road users which lanes are closed, and which are open; and
10. directs that the number of symbols indicating which lanes are open or closed to traffic shown on the authorised aspect B shall be varied to four, three or two symbols as required to indicate the number of lanes on carriageways of between two and four lanes wide; and
11. directs that the legend “800 yds” on the authorised aspect A and B may be varied to an alternative distance, to the nearest 50 yards, which reflects the distance to the lane closure; and
12. directs that the legend “1 mile” on the authorised aspect C may be varied to either “2 m”, “1 $\frac{3}{4}$ m”, “1 $\frac{2}{3}$ m”, “1 $\frac{1}{2}$ m”, “1 $\frac{1}{3}$ m”, “1 $\frac{1}{4}$ m”, “1 m”, “ $\frac{3}{4}$ m” or “ $\frac{2}{3}$ m”, which reflects the nearest distance to the lane closure; and



13. directs that when works are not being undertaken and no lane closures are in place, the authorised sign may be retained in position but shall display a blank, black face; and
14. directs that the authorised aspect A, B, C and D shall only be displayed when the sign unit is mounted vertically; and
15. directs that the authorised aspect A, B, C and D shall only be set by personnel trained to do so in accordance with the relevant part of National Highways Sector Scheme 12 and that the aspect shall not be changed unless directed so by the Traffic Safety and Control Officer (or other person identified by the Contactor undertaking work as being responsible for the signing and guarding of the works). The operation of the sign shall be in accordance with any equipment specific operational or maintenance requirements specified by the manufacturer; and
16. directs that the sign shall only be placed on the road and the authorised aspect A, B, C and D displayed if the apparatus (including the content of all instructions stored in or executed by it) used in connection with them is of a type which has been approved by the Secretary of State, Traffic Open Products & Specifications Limited or an equivalent, competent, body; and
17. directs that this authorisation shall remain in force until 31st December 2025, and after that day shall, without prejudice to the giving of any further authorisation, cease to have effect. The authorisation may also cease to have effect on a date as may appointed, by one month's notice, given by the Secretary of State in writing to the traffic authority for the removal or alteration of the authorised aspect A, B, C and D and on that day the said authorisation shall, without prejudice to the giving of any further authorisation or direction, cease to have effect.



The provisions of Regulations 5 and 7 of the 2016 Regulations shall apply to the authorised aspect A and B in the same manner as they apply to the sign shown in Schedule 13, Part 6, Item 13 to those Regulations.

The provisions of Regulations 5 and 7 of the 2016 Regulations shall apply to the authorised aspect C and D in the same manner as they apply to the sign shown in Schedule 13, Part 2, Item 9 to those Regulations.

Dated: *01 July 2020*

Signed by authority of the Secretary of State

.....

A Delegated Official of the Department for Transport



Department
for Transport

**SCANNED
AUTHORISATION AND
MAPS / DRAWINGS
FOLLOW**



**ROAD TRAFFIC REGULATION ACT 1984 – SECTIONS 64 AND 65
AUTHORISATION OF TRAFFIC SIGNS AND SPECIAL DIRECTIONS**

The Secretary of State for Transport, in exercise of his powers under Sections 64 and 65 of the Road Traffic Regulation Act 1984, and all other powers enabling him in that behalf for the purpose of warning road users of road works and lane closures on motorway and all-purpose trunk roads (including their slip roads) in England, by persons acting on behalf of Highways England, and where Highways England is the traffic authority, hereby:-

1. authorises the placing and use on the said roads of a variable message sign (hereinafter referred to as “the authorised sign”) conforming as to size with that shown in the attached drawing numbered GT50/198/0067-1; and
2. authorises the aspect (hereinafter referred to as “the authorised aspect A”) conforming as to size, colour and character with that shown in the attached drawing numbered GT50/198/0067-2 to be displayed on the authorised sign; and
3. authorises the aspect (hereinafter referred to as “the authorised aspect B”) conforming as to size, colour and character with that shown in the attached drawing numbered GT50/198/0067-3 to be displayed on the authorised sign; and
4. authorises the aspect (hereinafter referred to as “the authorised aspect C”) conforming as to size, colour and character with that shown in the attached drawing numbered GT50/198/0067-4 to be displayed on the authorised sign; and
5. authorises the aspect (hereinafter referred to as “the authorised aspect D”) conforming as to size, colour and character with that shown in the attached drawing numbered GT50/198/0067-5 to be displayed on the authorised sign; and



6. directs that the dimension lines on the authorised aspect A, B, C and D do not form part of the authorised aspect A, B, C and D; and
7. directs that the authorised aspect A, B, C and D shall be displayed in accordance with the guidance in the Traffic Signs Manual Chapter 8 for standard schemes (as specified in Part 3 Section U1) or a competent, risk assessed, site specific design; and
8. directs that the authorised sign should be placed in pairs, either side of the carriageway and if not so placed, must be placed opposite a prescribed sign conforming to diagram 7202.1 in Schedule 13, Part 6, Item 13 of the Traffic Signs Regulations and General Directions 2016 (Part 1 of S.I. 2016/362, “the 2016 Regulations”) displaying an equivalent aspect; and
9. directs that the symbols indicating which lanes are open or closed to traffic shown on the authorised aspect A and B shall be varied as required, to indicate to road users which lanes are closed, and which are open; and
10. directs that the number of symbols indicating which lanes are open or closed to traffic shown on the authorised aspect B shall be varied to four, three or two symbols as required to indicate the number of lanes on carriageways of between two and four lanes wide; and
11. directs that the legend “800 yds” on the authorised aspect A and B may be varied to an alternative distance, to the nearest 50 yards, which reflects the distance to the lane closure; and
12. directs that the legend “1 mile” on the authorised aspect C may be varied to either “2 m”, “1 $\frac{3}{4}$ m”, “1 $\frac{2}{3}$ m”, “1 $\frac{1}{2}$ m”, “1 $\frac{1}{3}$ m”, “1 $\frac{1}{4}$ m”, “1 m”, “ $\frac{3}{4}$ m” or “ $\frac{2}{3}$ m”, which reflects the nearest distance to the lane closure; and



13. directs that when works are not being undertaken and no lane closures are in place, the authorised sign may be retained in position but shall display a blank, black face; and
14. directs that the authorised aspect A, B, C and D shall only be displayed when the sign unit is mounted vertically; and
15. directs that the authorised aspect A, B, C and D shall only be set by personnel trained to do so in accordance with the relevant part of National Highways Sector Scheme 12 and that the aspect shall not be changed unless directed so by the Traffic Safety and Control Officer (or other person identified by the Contactor undertaking work as being responsible for the signing and guarding of the works). The operation of the sign shall be in accordance with any equipment specific operational or maintenance requirements specified by the manufacturer; and
16. directs that the sign shall only be placed on the road and the authorised aspect A, B, C and D displayed if the apparatus (including the content of all instructions stored in or executed by it) used in connection with them is of a type which has been approved by the Secretary of State, Traffic Open Products & Specifications Limited or an equivalent, competent, body; and
17. directs that this authorisation shall remain in force until 31st December 2025, and after that day shall, without prejudice to the giving of any further authorisation, cease to have effect. The authorisation may also cease to have effect on a date as may appointed, by one month's notice, given by the Secretary of State in writing to the traffic authority for the removal or alteration of the authorised aspect A, B, C and D and on that day the said authorisation shall, without prejudice to the giving of any further authorisation or direction, cease to have effect.





The provisions of Regulations 5 and 7 of the 2016 Regulations shall apply to the authorised aspect A and B in the same manner as they apply to the sign shown in Schedule 13, Part 6, Item 13 to those Regulations.

The provisions of Regulations 5 and 7 of the 2016 Regulations shall apply to the authorised aspect C and D in the same manner as they apply to the sign shown in Schedule 13, Part 2, Item 9 to those Regulations.

Dated: *01 July 2020*

Signed by authority of the Secretary of State



CERTIFIED TRUE COPY	
	
	
Department for Transport	Date: 13/07/2020

.....
A Delegated Official of the Department for Transport

window size = 1710 (3x4 VarioSign-420)

LED area = 1660 (3x4 VarioSign-420)

window size = 1290 (3x3 VarioSign-420)

LED area = 1240 (3x3 VarioSign-420)

window size = 1290

LED area = 1240



Department
for Transport

Date: 01 July 2020

Number: GT50/198/0067-1

untoleranced dimensions to be classified as DIN ISO 2768 (7168) m!

**The drawing will
not be modified!**

Only for information!

no.	change	date	name	© Adolf Nissen Elektrobau 2004 - All rights reserved. This drawing may not be made available to a third party nor be used improperly by the recipient or a third party.		
d				date	name	material
c				20.12.12	K. Hansen	
b				verified	20.12.12	I. Sharif
a						
replacement for/by				Dimensions symbol "AAAAT + 800 yds" Nissen VMS VarioSign Pitch: 20mm		
material no.				n.-UK	drawing no. scale	
				121219-03		1:10



Elektrobau D-25832 Tönning
Tel. (+494861) 612-0 Fax (+494861) 612-144
Nissen UK Limited
Tel 0207 237 75 74 Fax 0207 394 6317

VarioSign – Variable Message Systems



HOUSING

- A perfect solution for mobile applications
- Powder-coated aluminium profile housing (AlMg3)
- Universal mounting by C-profiles on the rear side
- Impact-resistant anti-reflective polycarbonate front pane (classic)
- Separate control housing on the rear side to provide easy maintenance access

LED DISPLAY

- Full matrix for displaying freely programmable text messages & pictograms
- Excellent legibility from almost every perspective and even from long distances
- Pitch dimension 20 mm
- Premium quality light-emitting diodes with a long service life
- Continuous brightness adjustment, automatic or manual
- Available in different display sizes to suit urban as well as trunk roads & motorways.
- Radar for Vehicle Actuated Sign (VAS) functionality is an option
- Photometric values in accordance with BS EN 12966, TOPAS approved

CONTROL & ELECTRICAL SYSTEM

- Manual cable control for operating all functions via one-touch keys
- 12/24 V operating voltage
- Mains, battery or solar powered
- Optimized power supply for long operating times

POPULAR TRAILER MOUNT VMS SIZE OPTIONS

Type LED / screen size (mm) / housing size (mm)

3x4-420 / 1260 x 1680 / 1390 x 1810

4x3-420 / 1680 x 1260 / 1810 x 1390

5x4-420 / 2100 x 1680 / 2230 x 1810

6x4-420 / 2520 x 1680 / 2650 x 1810

7x3-420 / 2940 x 1260 / 3070 x 1390

TYPICAL APPLICATION

- Mobile traffic congestion warning systems
- Risk signalling
- Changing traffic routing
- Traffic management
- Signposting for works and events
- Height control
- Information display



ACCESSORIES AND OPTIONS

- Combined manual radio-cable control for operating all functions via touchscreen and one-touch keys
- Control and monitoring via bespoke web application
- Open interface
- High intensity wig wag LED lamps
- 230 V voltage supply, solar, battery

Technical data

Light colour	red, amber, white, blue
LED pitch	20 mm
Operating voltage	12/24V
Material housing	Aluminium, sea-water resistant

VarioSign – Variable Message Systems

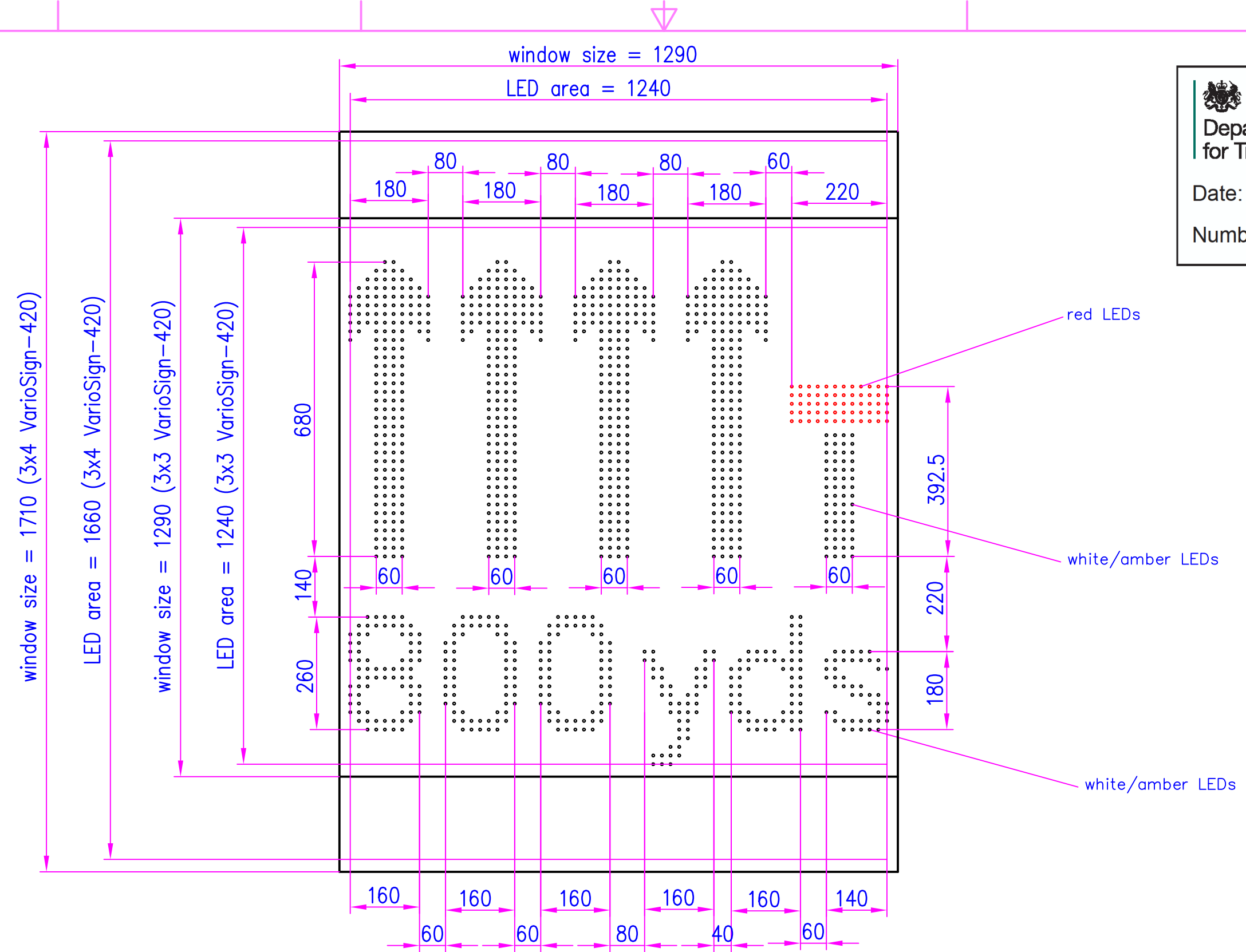
	Ref. No.
Nissen VarioSign 4 x 3k - 420 with Amber LEDs	229 291-43-102
Nissen VarioSign 5k x 4k - 420 with Red/White LEDs	229 291-54-113
Nissen VarioSign 5k x 4k - 420 with Red/White LEDs - part populated:	229 291-54-123
Nissen VarioSign 6 x 4k - 420 red/white/amber/blue:	229 291-64-006
Nissen VarioSign 6 x 4k - 420 red/white:	229 291-64-003
Nissen VarioSign 7 x 3k - 420:	229 291-73-113



More information

NIS-02053

To be entered on nissen-germany.com



untoleranced dimensions to be classified as DIN ISO 2768 (7168) m!

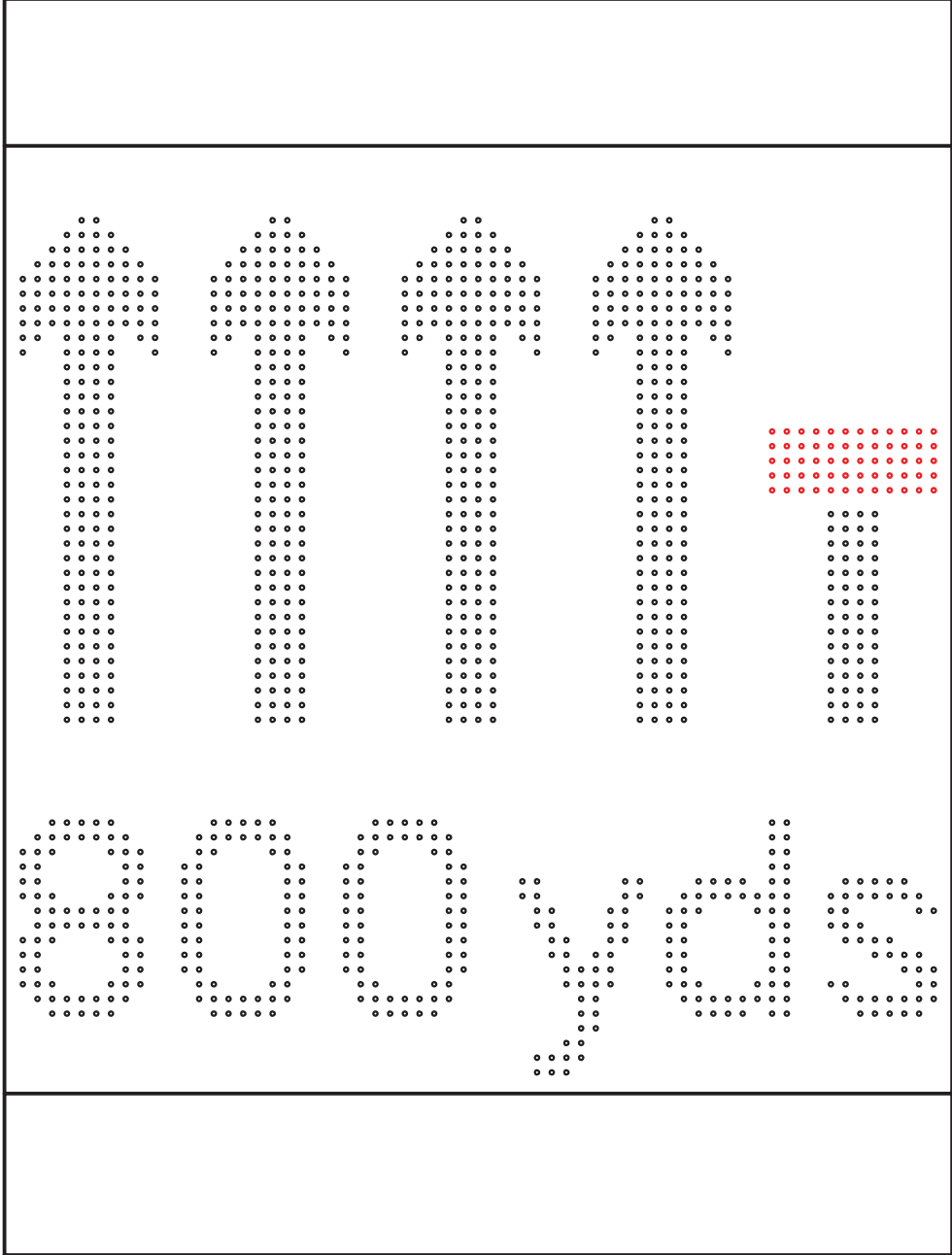
The drawing will not be modified!

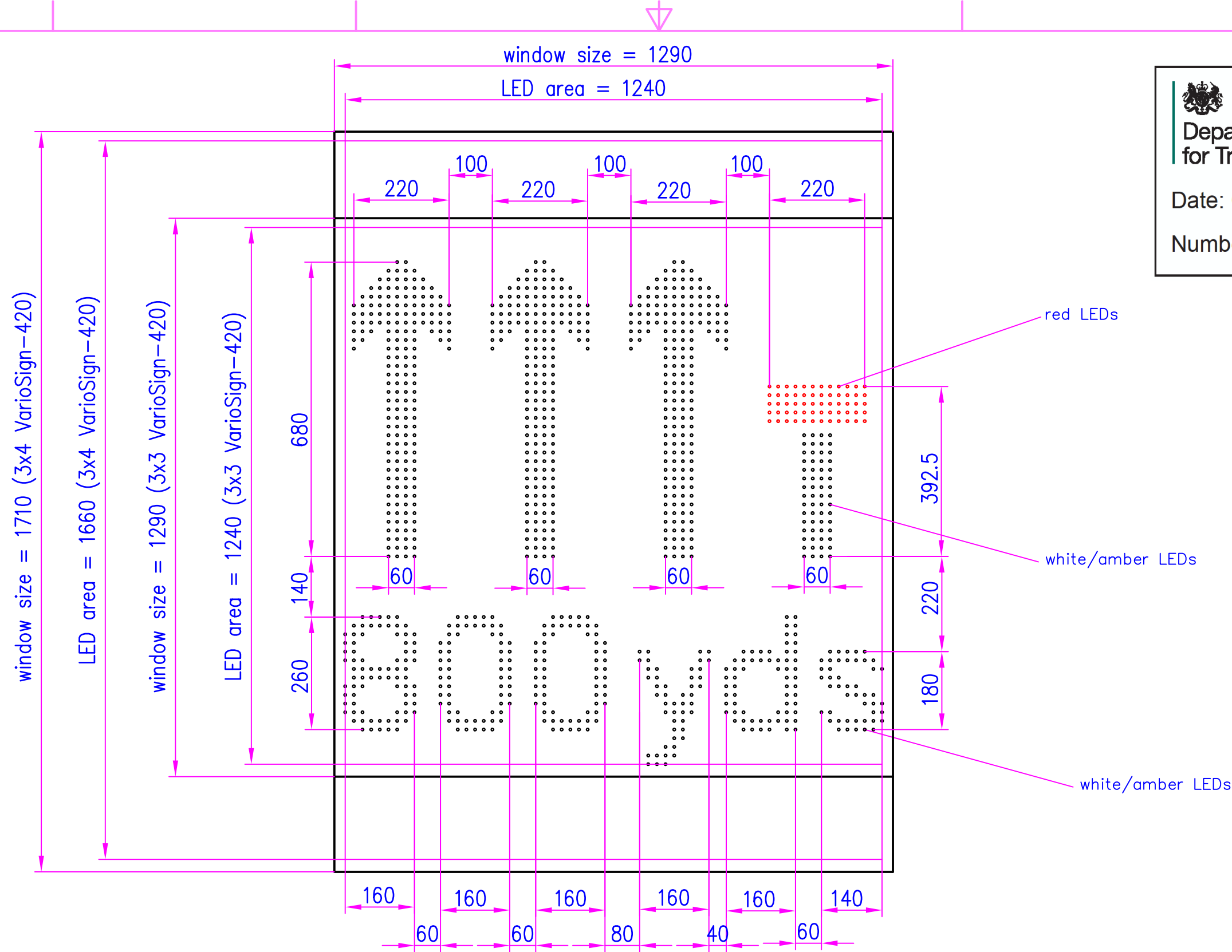
Only for information!

no.	change	date	name	© Adolf Nissen Elektrobau 2004 - All rights reserved. This drawing may not be made available to a third party nor be used improperly by the recipient or a third party.		
d				date	name	material
c				drawn	20.12.12	K. Hansen
b				verified	20.12.12	I. Sharif
a				Dimensions symbol "AAAAT + 800 yds" Nissen VMS VarioSign Pitch: 20mm		
replacement for/by			n.-UK	drawing no. scale		
material no.				121219-03 1:10		



Elektrobau D-25832 Tönning
 Tel. (+494861)612-0 Fax (+494861)-612-144
 Nissen UK Limited
 Tel. 0207 237 75 74 Fax 0207 394 6317





untoleranced dimensions to be classified as DIN ISO 2768 (7168) m!

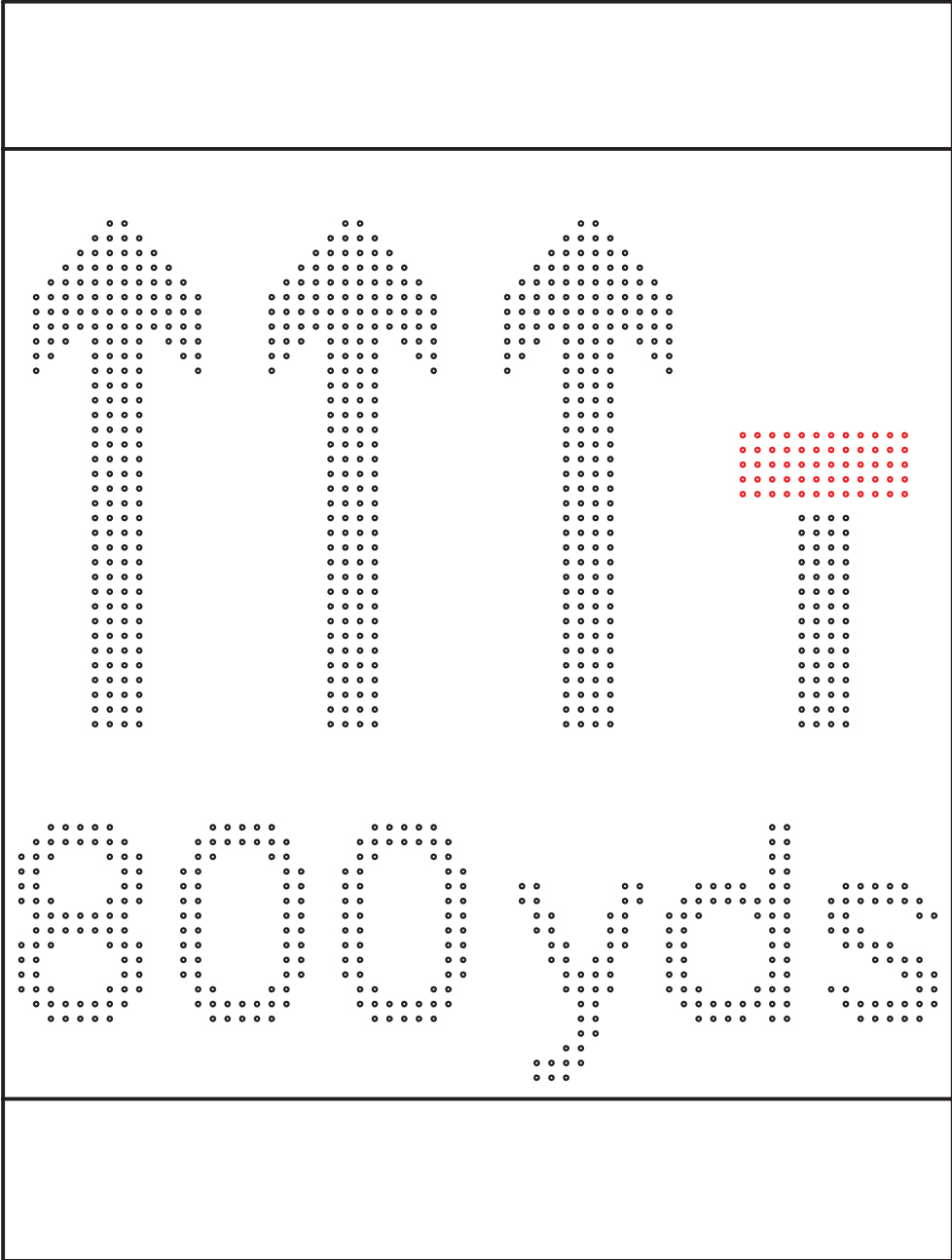
The drawing will not be modified!

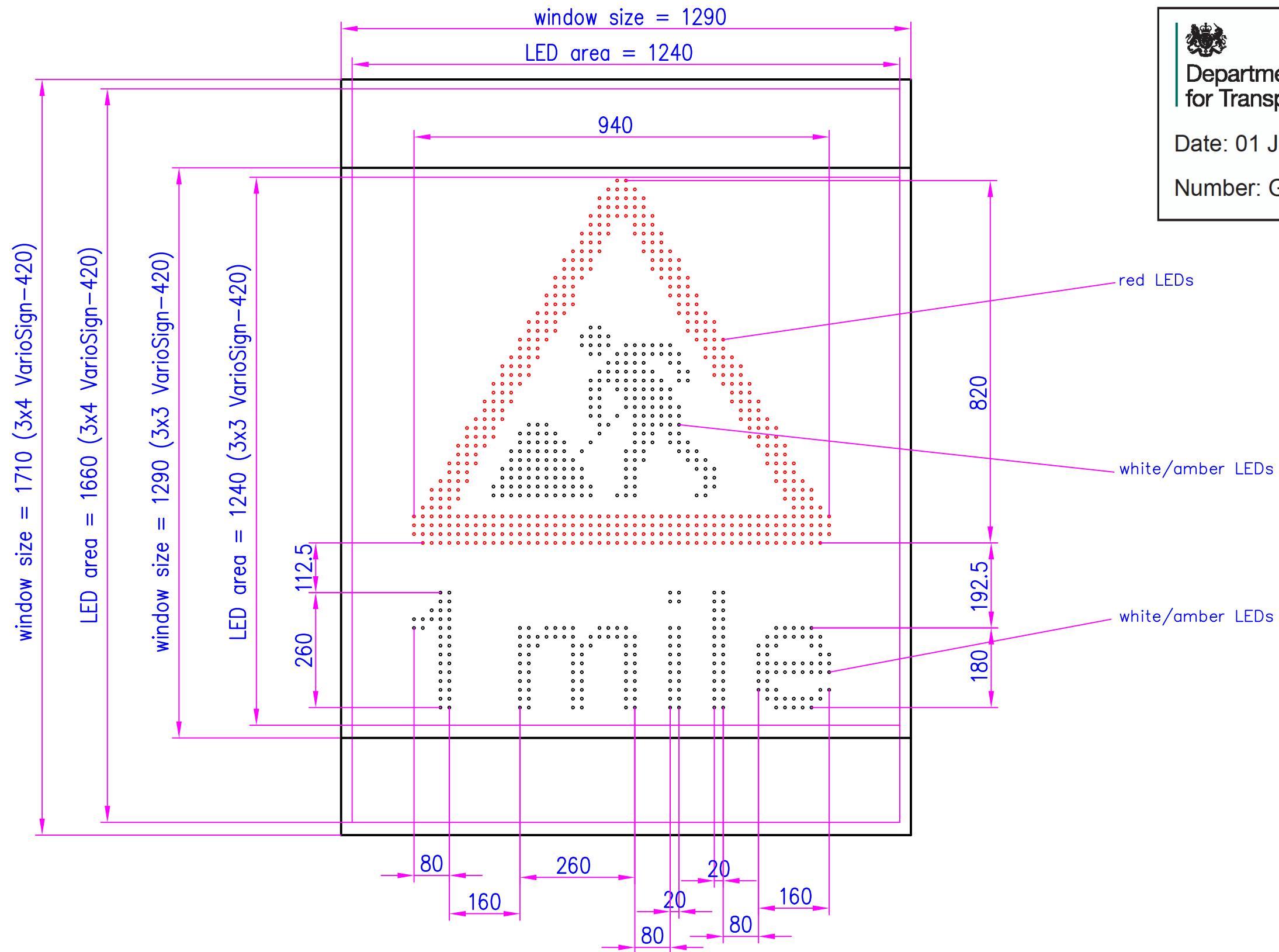
Only for information!

no.	change	date	name	© Adolf Nissen Elektrobau 2004 - All rights reserved. This drawing may not be made available to a third party nor be used improperly by the recipient or a third party.		
d				date	name	material
c				drawn	20.12.12	K. Hansen
b				verified	20.12.12	I. Sharif
a				Dimensions symbol "AAAT + 800 yds" Nissen VMS VarioSign Pitch: 20mm		
replacement for/by				drawing no. scale		
material no. n.-UK				121219-04 1:10		



Elektrobau D-25832 Tönning
 Tel. (+494861) 612-0 Fax (+494861) 612-144
 Nissen UK Limited
 Tel. 0207 237 75 74 Fax 0207 394 6317





untoleranced dimensions to be classified as DIN ISO 2768 (7168) m!

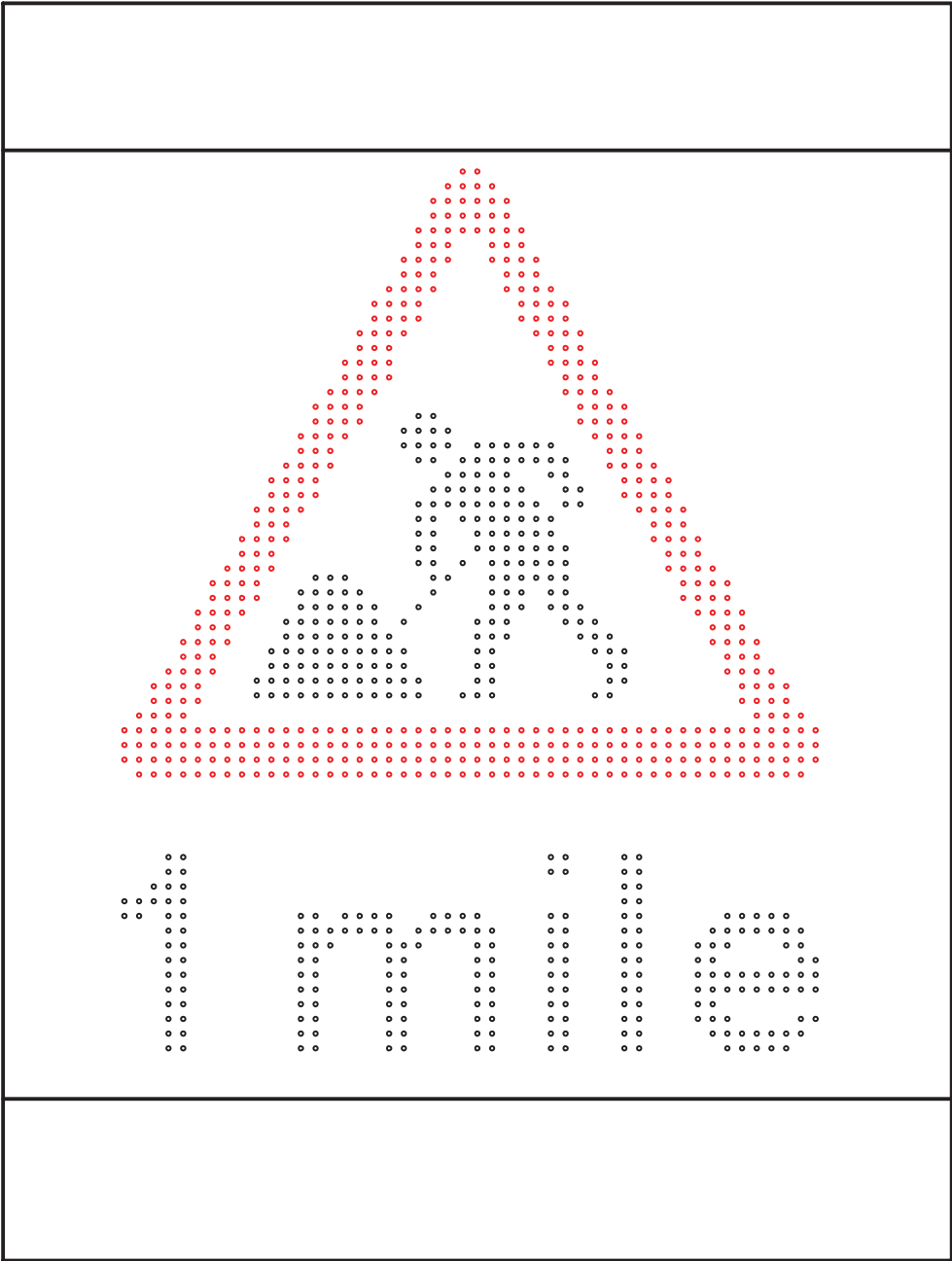
The drawing will not be modified!

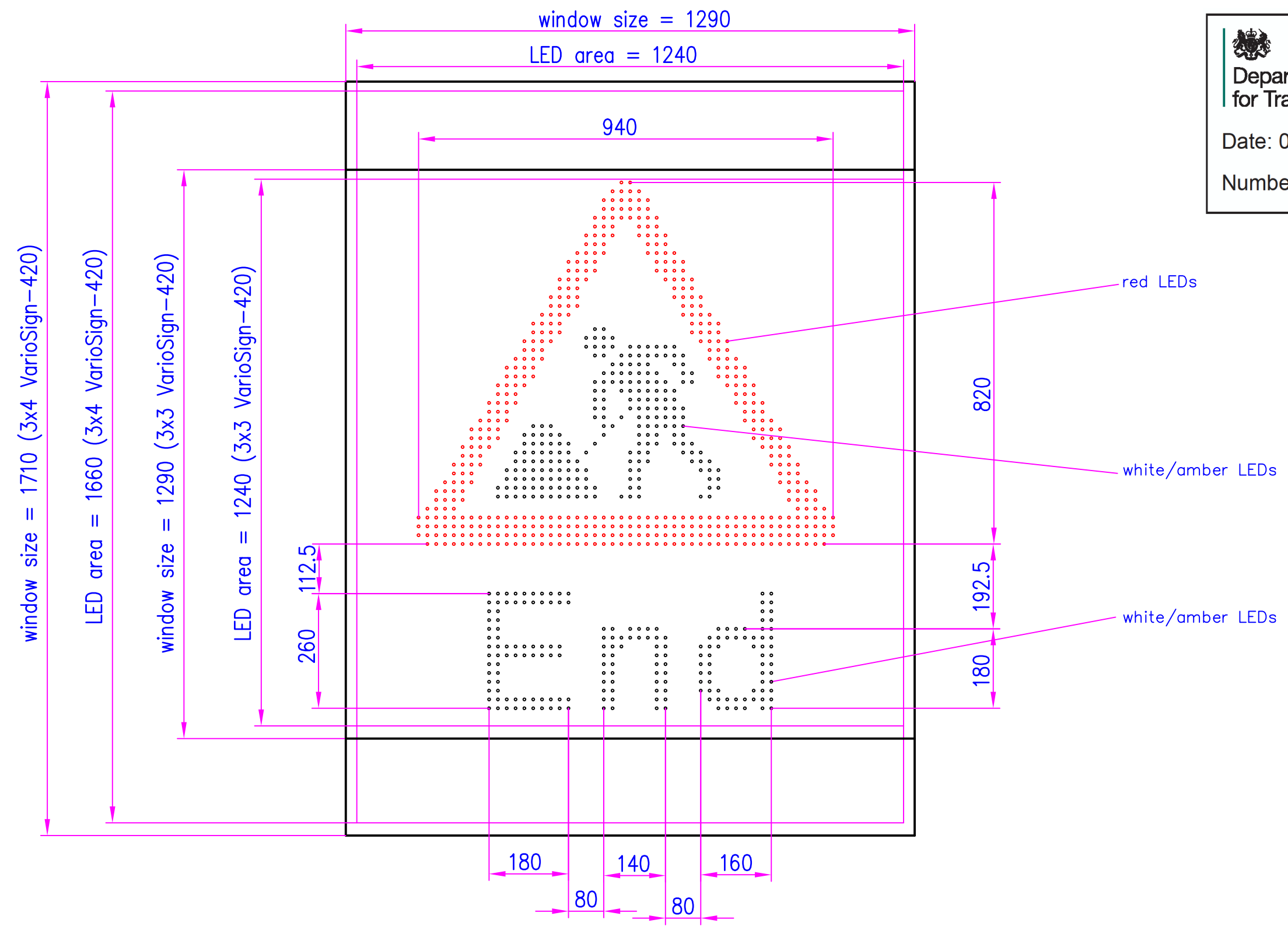
Only for information!

no.	change	date	name	© Adolf Nissen Elektrobau 2004 - All rights reserved. This drawing may not be made available to a third party nor be used improper by the recipient or a third party.		
d				date	name	material
c				drawn	22.01.13	K. Hansen
b				verified	22.01.13	I. Sharif
a				Dimensions symbol		
replacement for/by				"men at work + 1 mile"		
material no.				Nissen VMS VarioSign Pitch: 20mm		
				drawing no.		scale
				121219-25		1:10



Elektrobau D-25832 Tönning
 Tel. (+494861)612-0 Fax (+494861)-612-144
 Nissen UK Limited
 Tel. 0207 237 75 74 Fax 0207 394 6317





untoleranced dimensions to be classified as DIN ISO 2768 (7168) m!

The drawing will not be modified!

Only for information!

no.	change	date	name	© Adolf Nissen Elektrobau 2004 - All rights reserved. This drawing may not be made available to a third party nor be used improper by the recipient or a third party.		
d				date	name	material
c				drawn	25.02.13	K. Hansen
b				verified	25.02.13	I. Sharif
a				Dimensions symbol "men at work + End" Nissen VMS VarioSign Pitch: 20mm		
replacement for/by				drawing no.		scale
material no.				121219-27		1:10



Elektrobau D-25832 Tönning
 Tel. (+494861) 612-0 Fax (+494861) 612-144
 Nissen UK Limited
 Tel. 0207 237 75 74 Fax 0207 394 6317

