



**PHOTOLUMINESCENT
SAFETY SIGNS
2023 CATALOGUE**



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More than just glow in the dark

INTRODUCING HILUX®, A NEW SOLUTION FOR COMPLIANT PHOTOLUMINESCENT FIRE AND SAFETY SIGNAGE.

Choose from nearly 150 sign designs with over 300 variations in size and arrow direction to cover all installations. A full range of solutions available from fire safety to evacuation management at both high and low level. Where something different is required, bespoke HILUX® signs can be created to suit your premises.

HILUX® photoluminescent safety signs are manufactured and distributed in the UK using high quality materials and print, producing clear safety signage with afterglow properties that exceed the recommended PSPA Class C standard for safety way guidance systems.

More than just glow in the dark.

Contents

- 04 WHAT IS HILUX
- 05 HOW TO ORDER
+ VIEWING DISTANCES
- 06 EMERGENCY SIGNS
- 10 FIRE EQUIPMENT
- 12 FIRE ACTION
- 14 GENERAL FIRE

What is Hilux?

HILUX® signs are manufactured using a photoluminescent rigid PVC board, printed using digital and screen print processes and with UV resistant solvent/Eco-solvent inks.

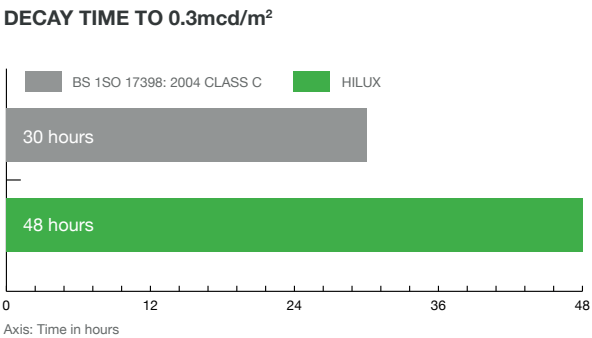
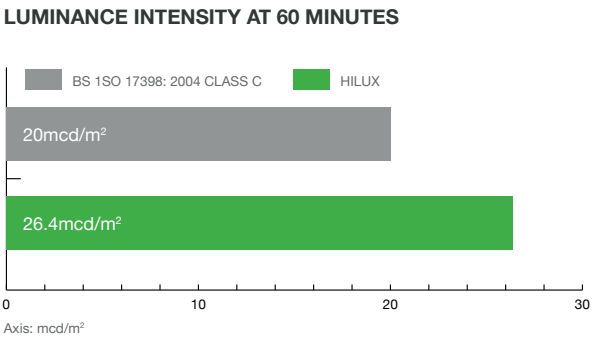
Manufactured using non-toxic, non-radioactive luminous pigments that absorb ambient light (natural and artificial) emitting a strong visible glow that is best observed in darkness.

The recommended standard (BS ISO 17398: 2004) for way guidance luminous signage is PSPA Class C.

HILUX® has been tested in accordance with DIN 67510 pt 1 by an independent laboratory and **exceeds the requirements of PSPA class C** (see graphs and data below).

The material is uniform in appearance in ambient light and also under its own luminance, subject to the excitation source being uniform.

Property & Test Methods	Specification
Thickness	1.18mm
Material	PVC resin – photoluminescent pigment
Substance (weight)	1.70kg/sqm
Appearance	Light yellow
Tensile strength	>35mpa
Elongation at break	>150%
180° peel adhesion	>1.2kg/25mm
After Glow characteristics (DIN 67510-Pt 1)	2 mins > 957.1mcd/m2
	10 mins > 199 mcd/m2
	30 mins > 59.2mcd/m2
	60 mins > 26.4mcd/m2
	Decay time to 0.3mcd/m2 > 48hrs
Temperature resistance:	-40- + 70°C
Flammability Rating (GB/T 2406.2)	OI ≥ 32
Health & Safety:	No concerns, REACH & RoHS compliant – MSDS available on request



How to order

Step 1

Each product within this catalogue has its own unique product code. To help you understand the meaning of the code and identify the size, please follow the guidance here:

The unique design code is 31079

Each letter identifies available size options which can be found in the table below. Letters in squares represents landscape orientations. Letters in circles represents portrait orientations

Items that do not have a standard size will detail the size(s) available next to the unique design code.



31079

G

L

58661

150mm x 50mm

58662

450mm x 150mm

Step 2

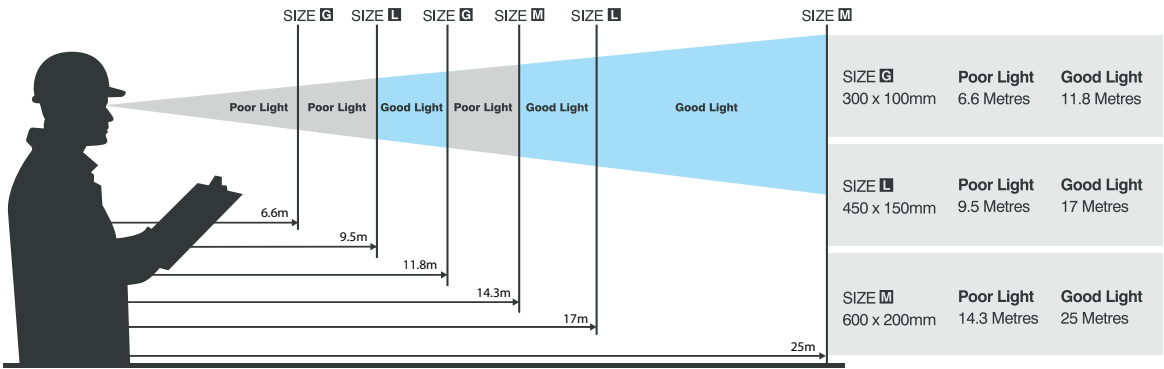
When you find the sign you require, use the letters (at the end of the code) and using the size grid, find out which sizes are available for your chosen sign design.

Our sizes always read as width x height (WxH). Use the grid below to identify the available size options for your sign of choice. To help choose the best size for your situation you should always take into account the recommended viewing distances for safety signs - please see our viewing distance guide below.

Landscape Sizes			Portrait Sizes		
A 100 x 75mm	J 400 x 200mm	U 100 x 100mm	A 75 x 100mm	J 200 x 400mm	U 100 x 100mm
B 80 x 80mm	K 400 x 300mm	V 300 x 150mm	B 80 x 80mm	K 300 x 400mm	V 150 x 300mm
C 150 x 150mm	L 450 x 150mm	W 900 x 600mm	C 150 x 150mm	L 150 x 450mm	W 600 x 900mm
D 150 x 100mm	M 600 x 200mm	X 200 x 100mm	D 100 x 150mm	M 200 x 600mm	X 100 x 200mm
E 200 x 150mm	O 400 x 400mm		E 150 x 200mm	N 400 x 400mm	
F 200 x 200mm	P 600 x 400mm		F 200 x 200mm	P 400 x 600mm	
G 300 x 100mm	Q 600 x 450mm		G 100 x 300mm	Q 450 x 600mm	
H 300 x 250mm	S 200 x 75mm		H 250 x 300mm	S 75 x 200mm	

Viewing Distances

These distances are for guidance only (showing the minimum size sign to use). Please refer to BS ISO 3864-1:2011 for specific calculations.



INTERMEDIATE MARKERS

32150 X V

32151 X V

32153 X V

32154 X V

32155 X V

32156 X V

In line with BS 16069, these signs should be used to continuously reinforce the exit message every five to ten metres.

They should not be used in isolation instead of ISO 7010 signs shown below.

MARKING STRIPS

- Rigid Photoluminescent
- Self adhesive back

Rigid Photoluminescent 900 x 80mm

58666

58667

Aluminium Profile 1200 x 92mm

58668

58669

LARGE FORMAT

52124 900 x 300mm

52125 900 x 300mm

52126 900 x 300mm

52127 800 x 400mm

ISO 7010

<p>32001 G L M</p>	<p>32002 G L M</p>	<p>32003 G L M</p>	<p>32004 G L M</p>
<p>32005 G L M</p>	<p>32006 G L M</p>	<p>32007 G L M</p>	<p>32008 G L M</p>
<p>32009 G L M</p>	<p>32010 G L M</p>	<p>32011 G L M</p>	<p>32012 G L M</p>
<p>32013 G L M</p>	<p>32014 G L M</p>	<p>32015 G L M</p>	<p>32016 G L M</p>
<p>32033 J V X L</p>	<p>32036 J V X L</p>	<p>32056 J V X L</p>	<p>32057 J V X L</p>

EMERGENCY ESCAPE SIGNS FOR THE DISABLED

Evacuation chair

32087 G L

32089 G L

32091 G L

31227 G L

32093 G L

32094 G L

32146 G L

32098 G L

32147 G L

32096 (E) (H)

32095 (E) (H)

This range of signs is specifically designed to assist the safe evacuation of the physically disabled in an emergency. These signs meet the requirement of BS 5588 Part 8 - The code of practice for means of escape for disabled people.

INCLUSIVE EMERGENCY ESCAPE SIGN

This range can be considered a truly inclusive design and an excellent alternative sign solution. Although not currently ISO 7010 the combined “Running Man,” and “Man Using Wheelchair” are working together to escape the building; They move in unison; They display the same urgency and motion; They appear to be traveling at the same speed.

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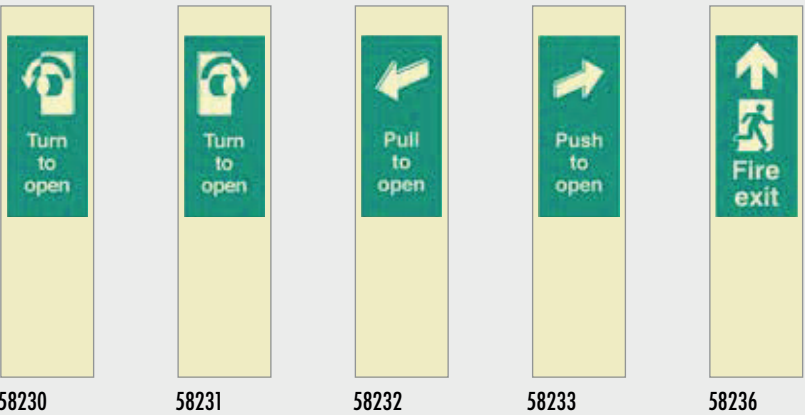
HEALTH SERVICE AND HOSPITAL

Some hospital and services still display fire exit signs with flames (in accordance with the superseded Hospital Technical Memorandum 65). NHS organisations are now expected to comply with the standard ISO 7010 signage, as found on page 6.



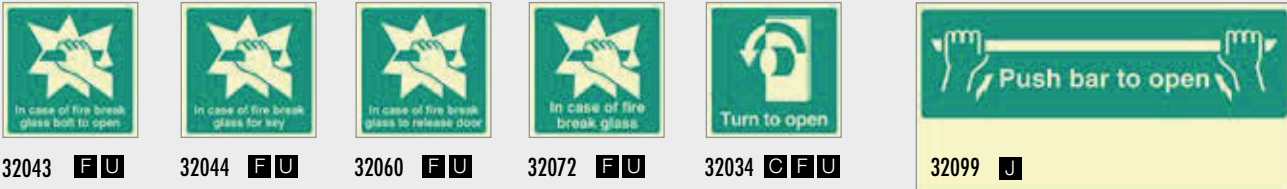
DOOR PLATES

• 75 x 300mm • Self adhesive back



Door plates should be installed to reinforce the exit message. They should not be installed instead of exit/fire exit signs above the door.

EMERGENCY ESCAPE



Positions directly behind a push bar so the blank photoluminescent panel highlights the bar's location.

Position signs adjacent to alarm call points and fire exits.

In accordance with ISO 7010, these “text only” signs should be used alongside a running man graphic and, where appropriate, a directional arrow.



EXTINGUISHER IDENTIFICATION



31246 DE



31245 DE



31233 DE



31234 DE



31237 DE



31221 DE



31240 DE



31241 DE



31236 DE



31235 DE



31215 S



31216 S



31217 S



31218 S



31219 S



31231 S



31242 S

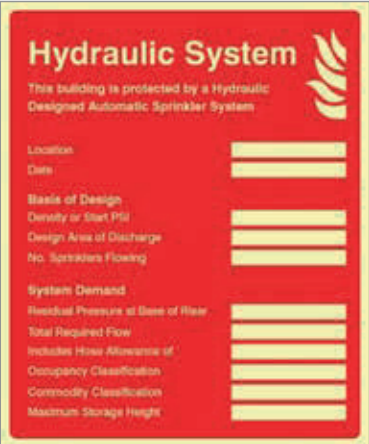


31214 S



31244 S

SPRINKLER SYSTEMS



31452 H



31447 E



31450 E



31448 E



31445 E



31446 E



31449 E

BS 5839-1:2017 FIRE ALARM CALL POINTS



31079 EK



31079 GL



31079 CU

BS 5839-1:2017 Fire Detection and Fire Alarm Systems in Buildings - call points should be fitted with protective covers to prevent accidental impactor activation.



FIRE EQUIPMENT



31031 X



31014 EK



31007 EK



31018 CU



31013 EK



31010 EK



31011 EK



31017 CU

FIRE SERVICE DIALLED AUTOMATICALLY



31405 E H



31428 E H




31429 E H




31426 E H



31408 E H



31430 E H



31431 E H



31439 E H

FIRE SERVICE MANUALLY DIALLED



31401 E H



31402 E H




31427 E H




31403 E H

MULTI-LINGUAL


English, French, German



31435 E H




31436 E H




31437 E H

English, Polish




31440 E H

LIFT IN BUILDING

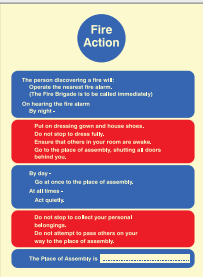


31419 E H

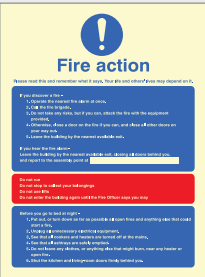


31432 E H


HMO's



31416 E H



31418 E H



31248 E H

HOUSING



31414 E H

STAY-PUT POLICY



31438 E H

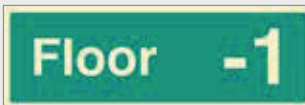


31423 E H

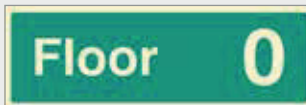


31420 E H

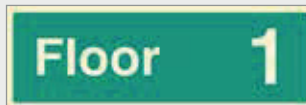
HIGH RISE RESIDENTIAL BUILDINGS SIGNAGE




32170 L



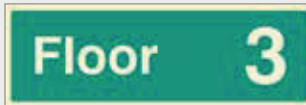
32171 L



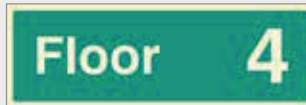
32172 L




32173 L



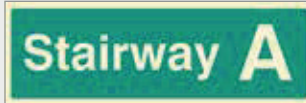
32174 L




32175 L




32176 L




32177 L




32178 L



32179 L



32180 L



52181-F 450 x 150mm

Additional floor and stairway signs available for larger buildings

PROJECTING SIGNS



To identify location of escape routes or fire equipment, visible from several view points, use our projecting signs. Supplied ready to install with drilling guide, signs are designed to conceal the fixing for a neat finish. Face: 150 x 200mm



58007



58008



58009



58011



58013

FIRE DOORS



31605 B F



31606 B F



31608 B



31610 B



31611 B



31616 B



31618 B



31621 B



31635 B

Existing QDOS Customers Order Now!



If you are an existing customer with QDOS, you can order any kind and quantity of HILUX fire safety signage with your finished Fire Alarm Zone Plan order with no extra delivery fee!

Our CAD team are ready to convert your sketches into cost-effective, professional, and compliant Zone Plans.



Not an Existing Customer?

IF YOU OFFER FIRE SAFETY SERVICES WHY NOT APPLY FOR A TRADE ACCOUNT WITH US TODAY!

Call on 03333 441516 or email us at hello@qdos.biz to receive our QDOS Services Brochure.

The UK's Leading Trade Supplier of Bespoke Fire Safety Drawings.

For more information, visit our website: www.qdos.biz





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