

40 YEARS OF QUALITY BRITISH MANUFACTURING



# PICO

LOW PROFILE SINGLE-SIDED EXIT BOX  
PRODUCT DATA SHEET



# PRODUCT DATA SHEET

## PICO

LOW PROFILE SINGLE-SIDED EXIT BOX



### IMAGES

- A Standard Pico in white finish.
- B Pico in brass effect finish (suffix **/BR**).
- C Pico in chrome effect finish (suffix **/CH**).

### FEATURES

- Zintec plated steel construction in white epoxy finish as standard, with brass effect (RAL1036) and chrome effect (RAL9022) finishes available to order.
- Supplied with specified polycarbonate legend panel.
- Rear centre besa entry and keyhole slots for ease of installation.
- Legend panel can be removed from either end via removable end-caps.
- Opal polycarbonate panel illuminates directly below the sign to the escape route and door threshold.
- TM-21 L70 greater than 54,000 hours using 0.5W 150 lumen/Watt LEDs.
- CRI 80 (minimum).
- 3 step MacAdam rated.
- 6500K colour temperature.



EMERGENCY  
VERSIONS



CENTRAL  
SYSTEM  
VERSIONS



LED LIGHT  
SOURCE



IP20  
INGRESS  
RATING



5 YEARS  
WARRANTY

CATALOGUE NUMBERS & INFORMATION

EMERGENCY EXIT SIGNS			MAINS LUMENS			EMERGENCY LUMENS		
CAT NO	WATTS	WEIGHT	ECONOMY OUTPUT	STANDARD OUTPUT	HIGH OUTPUT	ECONOMY OUTPUT	STANDARD OUTPUT	HIGH OUTPUT
PIC/LED/M3E	5.5W	2.50Kg	75			75		
PIC/LED/M3	7.5W	2.50Kg		150			150	
PIC/LEDH/M3H	6W	2.60Kg			200			200

CENTRAL SYSTEM SLAVE EXIT SIGNS				MAINS LUMENS			EMERGENCY LUMENS		
CAT NO	W	VA	WEIGHT	ECONOMY OUTPUT	STANDARD OUTPUT	HIGH OUTPUT	ECONOMY OUTPUT	STANDARD OUTPUT	HIGH OUTPUT
PIC/LED/LVR#	4	3	2.30Kg		150			135	
PIC/LED/24D	4	3	2.30Kg					135	
PIC/LED/50D	4	3	2.30Kg					135	
PIC/LED/110D	4	3	2.30Kg					150	
PIC/LED/220D	4	3	2.30Kg					150	

\* Power shown in low Voltage operation to aid sizing of central systems.  
Replace # with AC/DC system Voltage **24, 50, 110** or **220** Volts.

OPTIONS

Products incorporating any of the following options are manufactured to order.  
Some options may not be available in all models.

- /BR Brass effect finish (RAL1036)
- /CH Chrome effect finish (RAL9022)
- /DAE DALI emergency mode only
- /ST Digital self-test
- /TS Push-to-test switch
- /VR Anti-tamper screws

DIMENSIONS

**EXIT SIGN DIMENSIONS**  
Length 385mm x Width 200mm x Depth 65mm

**VIEWING DISTANCE**  
36 Metres

LEGEND OPTIONS

EN7010 FORMAT

  
Suffix L16/7010

  
Suffix L17/7010

  
Suffix L19/7010

  
Suffix L20/7010

BS5499 FORMAT

  
Suffix L16

  
Suffix L17

  
Suffix L18

  
Suffix L19

  
Suffix L20

# SPECIFICATION

## GENERAL

Country of Origin: United Kingdom.  
CE Mark Compliance: CE marked, REACH and RoHS compliant.  
Manufactured to Standards: BS EN60598-2-22 (emergency).  
Manufacturing Quality Approval: ISO 9001:2015.

## CONSTRUCTION

Body Construction: Powder coated sheet steel.  
Body Finish: White (brass effect (RAL1036) and chrome effect (RAL9022) finishes available as options).  
Protection Degree: IP20.  
Insulation Class: Class 1.  
Light Distribution Category: Signage.  
Reflector Material: N/A.  
Reflector Type: N/A.  
Reflector Finish: N/A.  
Diffuser Material: Polycarbonate.  
Diffuser Type: Signage.  
Diffuser Finish: Smooth.  
Cabling: 90°C single core 0.8mm to BS6500 Grade 5.  
Supply Voltage: 230/240V AC 50/60Hz (replace 230V with 24V, 50V, 110V or 220V for slave versions).

## CONTROL GEAR

Emergency Exit Signs:

CAT NO	V-OUT	I-OUT
PIC/LEDE/M3E	3V	300mA
PIC/LED/M3	3V	300mA
PIC/LEDH/M3H	3V	450mA

- Constant current output emergency LED drivers.
- Input Voltage 230/240V AC 50/60Hz.
- Designed and manufactured in accordance with BS EN61347-2-7, BS EN61347-2-13, BS EN62384, BS EN55015, BS EN61000-3-2 and BS EN61000-3-3.
- Suitable for use with Ni-Cad battery technology.

Slave Exit Signs:

- Low Voltage LED control gear designed for use with low Voltage central systems, constant current output suitable for LED loads of 3-80V DC.
- LVR versions supplied as standard with 240V hold-off relay.
- Designed and manufactured in accordance with BS EN61347-2-13, BS EN62384, BS EN55015, BS EN61000-3-2 and BS EN61000-3-3.

CAT NO	V-OUT	I-OUT
PIC/LED/LVR24	3V	350mA
PIC/LED/LVR50	3V	350mA
PIC/LED/LVR110	3V	350mA
PIC/LED/LVR220	3V	350mA
PIC/LED/24D	3V	350mA
PIC/LED/50D	3V	350mA
PIC/LED/110D	3V	350mA
PIC/LED/220D	3V	350mA

## LEDs

LED Type: 2835 SMT mid power.  
LED Colour Temperature: 6500K (4000K available to order).  
CRI Minimum: 80.  
SDCM: 3 (MacAdam rating).  
LED Lifetime: TM21 L70 >54,000 hours.  
LED Manufacturer(s): Seoul semiconductor / Plessey / CREE or equivalent.

*Orbik has a policy of constant product improvement and therefore reserve the right to modify specifications without prior notice. All details and specifications shown within this data sheet are deemed correct at the time of print.*



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