



PRODUCT DATA SHEET

PALOMA

STYLISH LED EXIT SIGN WITH A HOST OF MOUNTING OPTIONS



IMAGES

- A Standard wall mounting Paloma in white finish.
- B Wire-suspended Paloma in black finish (suffix **/BK** and **/WS**).
- C 100mm rod-suspended Paloma in white finish (suffix **/RS/100MM**).

FEATURES

- Zintec coated sheet steel construction in white finish as standard, with black, brass and chrome finishes available to order.
- Supplied with specified polycarbonate legend panel which can be removed from either end via removable end-caps.
- Clear threshold illuminates the area below the sign.
- IP65 versions are of robust construction to suit a host of exterior applications.
- Emergency versions incorporate BSI approved emergency control gear.
- Supplied as single-sided versions as standard (prefix PAL), with double-sided versions available as an option (prefix PALD).
- 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 OR IP65
INGRESS
RATING



5 YEARS
WARRANTY



BSI
KITEMARKED
VERSIONS



BRITISH STANDARD
KITEMARKED OPTIONS
AVAILABLE

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
PAL/LED/M3	7.5W	2.50Kg		150			150	
PALD/LED/M3	7.5W	2.50Kg		150			150	

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
PAL/LED/#D	4	3	2.30Kg					150	
PALD/LED/#D	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.

- /4K** 4000K colour temperature
 - /AD** Intelligent addressable luminaire (mounted in separate ceiling box)
 - /BK** Black finish
 - /BR** Brass finish
 - /CH** Chrome finish
 - /DAE** DALI emergency mode only
 - /IP65** IP65 version
 - /RAB** Right-angled mounting bracket
 - /RS+MM** Rod suspension kit (double-sided versions only)
 - /ST** Digital self-test (mounted in separate ceiling box)
 - /VR** Anti-tamper screws
 - /WS** Wire suspension kit (double-sided versions only)
- Replace + with either **100** for 100mm, **300** for 300mm or **600** for 600mm length rod suspension kit.

DIMENSIONS

EXIT SIGN DIMENSIONS

Length 380mm x Width 225mm x Depth 55mm

IP65 VERSION DIMENSIONS

Length 440mm x Width 270mm x Depth 75mm

VIEWING DISTANCE

36 Metres

SPECIFICATION

GENERAL

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

CONSTRUCTION

Body Construction: Powder coated sheet steel.
 Body Finish: White (black, brass and chrome finishes available as options).
 Protection Degree: IP20 (IP65 versions available to order).
 Insulation Class: Class 1.
 Light Distribution Category: Signage.
 Reflector Material: N/A.
 Reflector Type: N/A.
 Reflector Finish: N/A.
 Diffuser Material: Self-extinguishing 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 110V or 220V for slave versions).

CONTROL GEAR

Emergency Exit Signs:

CAT NO	V-OUT	I-OUT
PAL/LED/M3	3V	300mA

- 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.
- 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
PAL/LED/110D	3V	350mA
PAL/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.

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

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.



HEAD OFFICE & EXPORT SALES

Orbik Electronics Limited, Orbik House, Northgate Way, Aldridge, Walsall, West Midlands, WS9 8TX, United Kingdom
 TEL: +44 (0) 1922 743515 FAX: +44 (0) 1922 743173 EMAIL: sales@orbik.co.uk Export Email: export@orbik.co.uk

UK WHOLESALE SALES

TEL: 01922 745024 FAX: 01922 745124 EMAIL: uksales@orbik.co.uk

www.orbik.co.uk