



PHOTOLUMINESCENT EXIT SIGNS TECHNICAL SPECIFICATIONS

Building code compliant "BCA" All PL Exit signs 10 year warranty and 25 year life expectancy.

Kits contain aluminium backing board, high quality photoluminescent material.

Up to 90% more Energy efficient than florescent signs and 40% more efficient than LED.

Model Numbers	Description	Component Type	Notes
BG-PL-ES-B16A	Right PL Exit Sign	Photoluminescent Exit Sign	Use two for double sided
BG-PL-ES-B16B	Left PL Exit Sign	Photoluminescent Exit Sign	Use two for double sided
BG-PL-ES-B16C	Straight PL Exit Sign	Photoluminescent Exit Sign	Use two for double sided
BG-PL-ES-B24A	Right PL Exit Sign	Photoluminescent Exit Sign	Use two for double sided
BG-PL-ES-B24B	Left PL Exit Sign	Photoluminescent Exit Sign	Use two for double sided
BG-PL-ES-B24C	Straight PL Exit Sign	Photoluminescent Exit Sign	Use two for double sided
BG-LED-230-B	230 LED Strip	Illuminating Bracket	2 watt LED
BG-LED-230-B	430 LED Strip	Illuminating Bracket	2 watt LED

Operational

Voltage if required for LED Brackets

Wattage

Frequency

Ambient Temperature Range

IP Rating

Mounting Type

220-240 volts

2 watts & 4 watts for double

50/60 Hetz

-10 degrees C to +50 degrees C

20

Surface Mount

Construction

Body

Diffusers

Photoluminescent Sign

White powder coated Aluminium

Polycarbonate

Aluminium & Strontium Aluminate

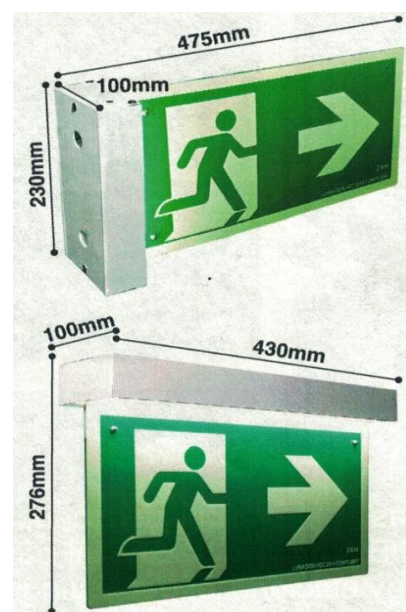
Lifetime & Warranty

PL Exit Signs

Illuminating Bracket & LED

10 Year full replacement

5 Years replacement *estimated 50k hrs*



Test Type	Description	Statutory Body	Test report certificate
AS2293.1 Design requirement test Inc: BCA deviation	Testing the exit sign lay out & design to Australian Standards	QUT	3552-1 result Pass
Electrical safety testing of Luminare to AS/NZS61347	Safety Testing of Illuminating bracket to Australian Standards	NSW Fair Trading	CS10441N Pass
ASTM E2073-10 except activation Illumance of 54 Lux		QUT	3552-1 result Pass

Example of Savings – 100 traditional 24 M florescent signs

Average lifetime 3 years, replacement cost \$17,500, Replacement cost electrician \$4,000, annual fire inspection \$250, electricity 100x 8,700 hrs x 10 watt@25 cents kwh = \$2,175 Cost \$23,925/3 = **Annual Cost \$7,975**

Annual Cost & Savings - 100 Photoluminescent Exit Signs

100 signs installed \$18,900, No maintenance,

No Electricity, No fire inspection, 10 year full replacement Warranty, 25 year expected life.

ROI 2.3 Years