

CALABOR

Fully recessed interior luminaire or exit sign



IMAGES

- A. Standard Calabor luminaire in white finish
- B. Calabor exit sign in brass finish (*suffix /BR and /EX*)
- C. Calabor luminaire in chrome finish (*suffix /CH*)

FEATURES

All Models

- Supplied with zintec steel fascia with white finish as standard, with brass and chrome finishes available as options
- All versions feature a galvanised steel back box and a hinged, removable gear tray
- Supplied as a fully recessed luminaire as standard but can be transformed into an attractive recessed exit sign with the use of an edge-lit plasi-glas flame retardant legend panel
- Available with either LED or fluorescent light source

LED Models Only

- TM-21 L70 greater than 36,000 hours using 0.5W 150 lumen/Watt LEDs
- CRI 80 (minimum) and 3 step MacAdam rated
- 4000K colour temperature as standard (2700K - 6500K available to order)



BRITISH STANDARD
KITEMARKED OPTIONS
AVAILABLE

CATALOGUE NUMBERS & INFORMATION

Mains Luminaire

			MAINS LUMENS			
Cat No	Light Source & Mode	Colour Temperature	Standard Output	Economy Output (Suffix /E)	High Output (Suffix /H)	Weight
CAL/LED/4K	5 x 0.5W LED mains+	4000K	145		360	2.20Kg

+ CAL/LED/H consists of 15 x 0.5W LEDs in mains healthy mode and emergency mode

Emergency Luminaires

			EMERGENCY LUMENS			
Cat No	Light Source & Mode	Colour Temperature	Standard Output	Economy Output (Suffix /E)	High Output (Suffix /H)	Weight
CAL/LED/M3/4K	5 x 0.5W LED M3 emergency	4000K	150			2.20Kg
CAL8/NM3	8W T5 fluorescent NM3 emergency	3500K	120	80	180	2.70Kg
CAL8/M3	8W T5 fluorescent M3 emergency	3500K	120	80	180	2.90Kg
CAL2X8/NM3	2 x 8W T5 fluorescent NM3 emergency	3500K	250		360	3.00Kg

Slave Luminaires

			EMERGENCY LUMENS			
Cat No	Light Source & Mode	Colour Temperature	Standard Output	Economy Output (Suffix /E)	High Output (Suffix /H)	Weight
CAL/LED/#D/4K	5 x 0.5W LED slave	4000K	125			2.10Kg
CAL8/#D	8W T5 fluorescent slave	3500K	275			2.10Kg

Replace # with AC/DC system Voltage **24, 50, 110 or 230** Volts

OPTIONS

Products incorporating any of the following options are manufactured to order

/AD Intelligent Addressable luminaire (not available in 8W T5 fluorescent M3 emergency versions)

/BR Brass finish

/CH Chrome finish

/DAE DALI emergency mode only

/E Economy output version

/EX Single-sided exit version

/EX/D Double-sided exit version

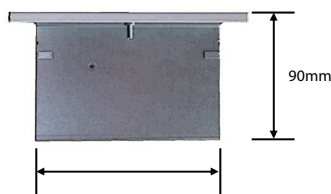
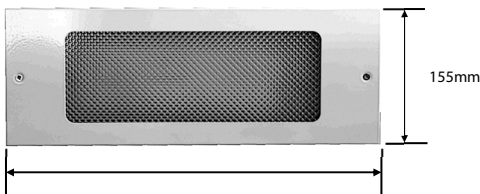
/H High output version

/HF High frequency ballast

/ST Digital self-test (not available in 8W T5 fluorescent M3 emergency versions)

DIMENSIONS

Luminaire



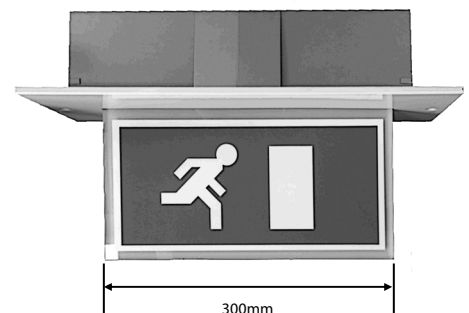
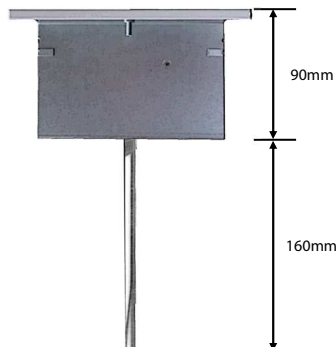
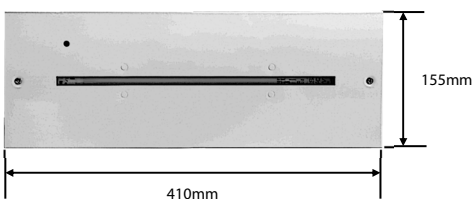
Cut-Out

Length: 325mm x Width: 130mm

Viewing Distance

32 metres
(when supplied as exit version)

Exit Sign



SPECIFICATION

General

Country of Origin:	United Kingdom
CE Mark Compliance:	CE marked REACH and RoHS compliant
Manufactured to Standards:	EN60598-2-22
Manufacturing Quality Approval:	ISO9001:2008 (unless stated); ISO9001:2008: 1999 (CAL/LED/M3 & CAL/LED/M3/E)

Construction

Housing Construction:	Galvanised steel
Body Finish:	White powder coated as standard (brass and chrome powder coated finishes available to order)
Protection Degree:	IP20
Insulation Class & Supply Voltage:	Class 1 230/240V AC 50/60Hz (unless stated); Class 1 24V AC/DC (CAL/LED/24D); Class 1 50V AC/DC (CAL/LED/50D); Class 1 110V AC/DC (CAL/LED/110D); Class 1 230V AC/DC (CAL/LED/230D)
Internal Cabling:	105°C single core 0.8mm to BS6500 Grade 5

Gear

Control Gear Manufacturer/Type:	Mains version: P1151/4K PCB & LDY002 module Emergency versions: P1151/4K PCB & P1242 LED driver (CAL/LED/M3/4K); P400/3/T PCB (CAL8/NM3); P996/3/T PCB (CAL8/NM3/E); P226/3/T/KM PCB (CAL8/NM3/H); P404/3/T PCB & 15-567 8W ballast (CAL8/M3); P995/3/T PCB & 15-567 8W ballast (CAL8/M3/E); P232/3/T PCB & 15-567 8W ballast (CAL8/M3/H); P976/3/T PCB (CAL2X8/NM3); P336/3/T PCB (CAL2X8/NM3/H) Slave versions: P1151/4K PCB & LVR24 module (CAL/LED/24D/4K); P1151/4K PCB & LVR50 module (CAL/LED/50D/4K); P1151/4K PCB & LDY002 (CAL/LED/110D/4K & CAL/LED/230D/4K); 19288/3/NRF PCB (CAL8/24D); 19289/3/NRF PCB (CAL8/50D); 19290/3/NRF PCB (CAL8/110D); 15-556 4-8W electronic ballast (CAL8/230D)
Power Factor Correction:	Ranging from >0.5 to >0.96
Radio Interference Manufactured to:	EN55015 EN61000-3-2 Class C
Harmonics Manufactured to:	High temperature Ni-Cad cells (emergency versions only)

Diffuser

Light Distribution Category:	General (luminaire) or exit signage (exit versions)
Reflector Finish:	White powder coated as standard (brass and chrome powder coated finishes available to order)
Diffuser Material:	Self-extinguishing plastic (luminaire) or self-extinguishing plasi-glas (exit versions)
Diffuser Type:	Prismatic sheet (luminaire) or legend panel (exit versions)
Diffuser Finish:	Clear polycarbonate (luminaire) or screen-printed legend (exit versions)

LEDs

LED Wattage & Type:	5 x 5630
LED Colour:	4000K
Lamp/LED Manufacturer:	Various
Circuit Power:	3W

Lamps

Lamp Wattage & Type:	8W T5 fluorescent
Lamp Colour:	3500K
Lamp/LED Manufacturer:	Various

LEGEND OPTIONS (EXIT VERSIONS ONLY)

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

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