K9 Mini

Emergency Lighting in its most compact form
Spacing table to AS/NZS 2293.1:2018

5 YEAR WARRANTY

iF design award winner

Certified Product Australian Standard AS/NZS 2293

IK 04

IP 20

DALI — LIGHTING NETWORK CONTROL SYSTEM

ESM — MONITORING SAFETY MANAGER

EST+ — AUTOMATIC SELF TEST

EBS — INTELLIGENT BATTERY SYSTEM

SQUARE DISTRIBUTION

ANTI-PANIC

ESCAPE ROUTE — ELONGATED DISTRIBUTION

ETAP EXCELLENT LIGHTING, SAVING ENERGY

Distributed By:

bluelab DESIGN LUMINAIRE CREATORS

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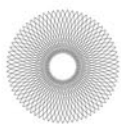
Why ETAP Emergency Lighting?

EMERGENCY LIGHTING

- Smallest Emergency in Australia
- Choice of accessories for flexibility in installation
- NiMH (Nickel-Metal Hydride) battery is less harmful to the environment and able to be recycled
- Sleek small design, ideal for Architectural Spaces
- 20% less power consumed than other Emergency products on the market
- 5-year factory warranty
- ENEC Certified awarded for high safety products
- Low fail rate on products and testing

Escape route
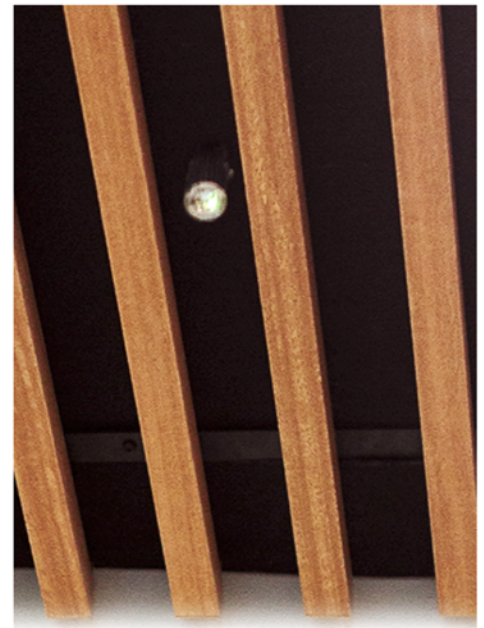
Anti-panic

OPTICS LENSES
ANTI-PANIC or ESCAPE ROUTE

- LED lenses will distribute light more evenly, less products needed and improved visibility during evacuation
- Anti-panic is square distribution for square rooms
- Escape Route is elongated distribution for passages 17.2m spread in a 2.7m standard ceiling height. And up to 29.8m spread in a 6 meters ceiling height
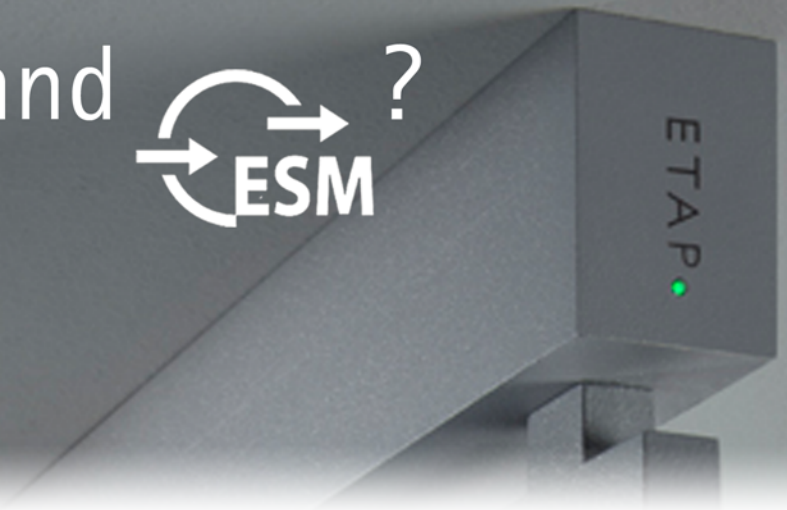
What is ⟁ EST+ and ↻ ESM ?

EST+ COMPREHENSIVE SELF-TESTING

- There are three tests performed automatically: Diode function, Wiring test and Battery health
- Fortnightly function tests are performed
- Quarterly battery health/duration test. Just like a mobile phone the Emerg/exit batteries need to drain (drained to 90 mins) and recharged, the test will run the product to ensure the battery is to ASNZ2293 requirements for duration
- Function display is discreet
- Fault sequences are displayed to inform the maintenance person
- Testing will check for faults and inform of: wiring faults, diode faults, battery faults, illumination deficiencies and battery life deficiencies
- See demonstration video following the QR code on the last page

Internet
ESM network
Central emergency supply
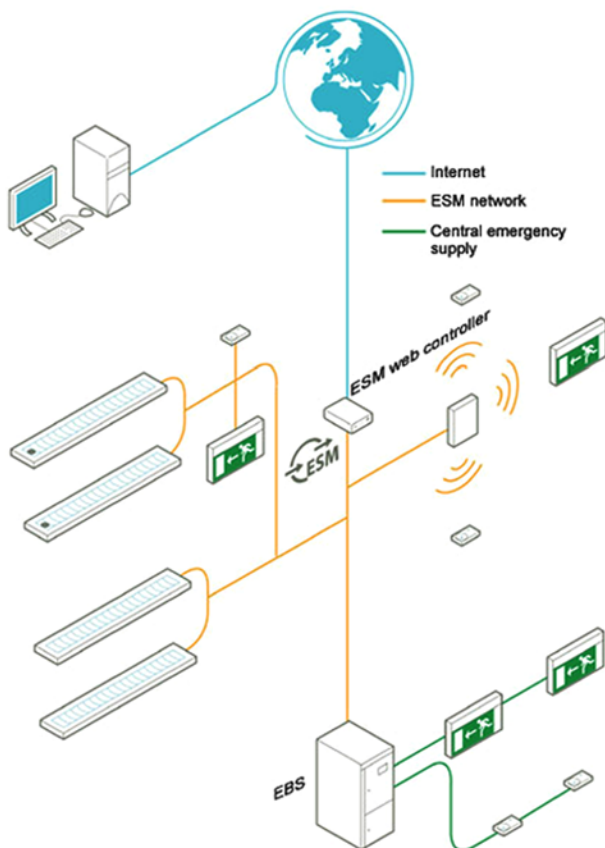
ESM REMOTE TESTING AND MONITORING SYSTEM

- ESM can monitor any other Emergency and Exit products with DALI
- Monitor and display health on wiring, battery and diode health
- Spare parts and replacements can be ordered from system
- 1 off licence fee
- Additional products and increased system license can be added
- 1 system can operate multiple locations
- Fully remote access is available
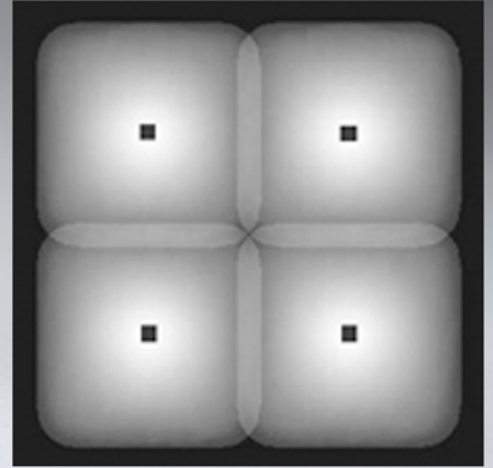
Spacing Table Guide
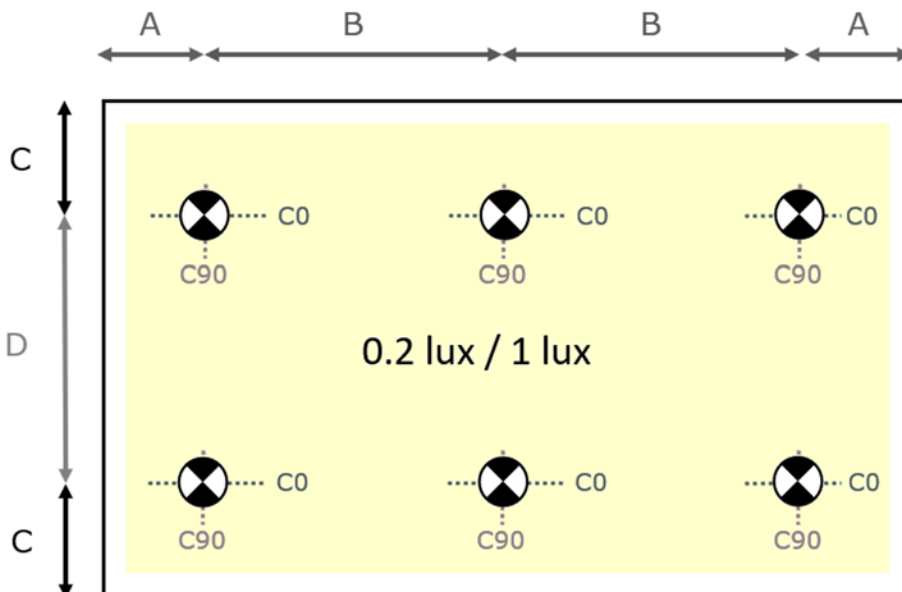### Illuminance 0.2 Lux
Closest Classification C0:B320 C90:B320

Mounting Height (m)	2.1	2.4	2.7	3.0	3.3	3.6	4.0	4.5	5.0	6.0	7.0	8.0	9.0	10.0	15.0
A	4.8	0.5	0.5	1.4	0.5	0.5	8.4	9.1	0.5	10.6	6.6	2.5	1.5	0.9	20.1
B (C0)	11.7	13.1	14.2	15.3	16.5	17.7	19.2	21.1	23.2	26.6	29.1	23.0	24.3	23.5	8.8
C	5.2	5.5	6.3	7.0	7.5	7.9	8.6	9.2	0.5	0.5	6.5	2.5	1.6	0.9	20.3
D (C90)	11.7	13.1	14.2	15.3	16.5	17.7	19.2	21.1	23.2	26.6	29.1	23.0	24.3	23.5	8.8

Spacing Table Guide
Illuminance 1 Lux
Closest Classification C0:E40 C90:E40

Mounting Height (m)	2.1	2.4	2.7	3.0	3.3	3.6	4.0	4.5	5.0	6.0	7.0
A	4.4	4.7	5.1	3.8	1.6	1.3	1.0	0.5	0.5	0.5	9.3
B (C0)	9.8	10.9	11.8	12.8	11.8	10.5	10.7	10.6	11.0	11.7	3.4
C	4.4	4.7	5.1	3.8	1.6	1.3	1.1	0.5	0.5	0.5	8.6
D (C90)	9.8	10.9	11.8	12.8	11.8	10.5	10.7	10.6	11.0	11.7	3.4

0.2 lux / 1 lux

K9 Mini Escape Route Lens
K9R01
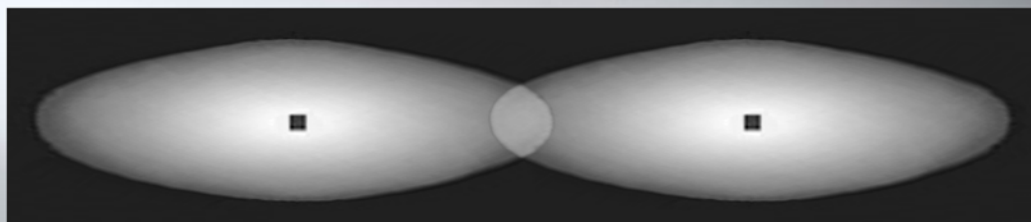
Spacing Table Guide
Illuminance 1 Lux
Closest Classification C0:D800 C90:A16

Mounting Height (m)	2.1	2.4	2.7	3.0	3.3	3.6	4.0	4.5	5.0	6.0	7.0	8.0	9.0
A	7.0	7.7	8.3	8.9	9.4	10.0	10.6	11.4	12.0	8.9	1.0	0.5	1.0
B (C0)	14.3	15.8	17.2	18.6	20.0	21.3	22.9	24.8	26.6	29.8	21.7	20.0	12.7
C	1.9	2.1	2.2	2.4	2.5	2.6	2.6	2.4	2.1	1.8	0.8	0.5	0.5
D (C90)	3.2	3.6	3.9	4.2	4.5	4.8	5.1	5.6	5.6	5.7	4.8	4.1	2.1
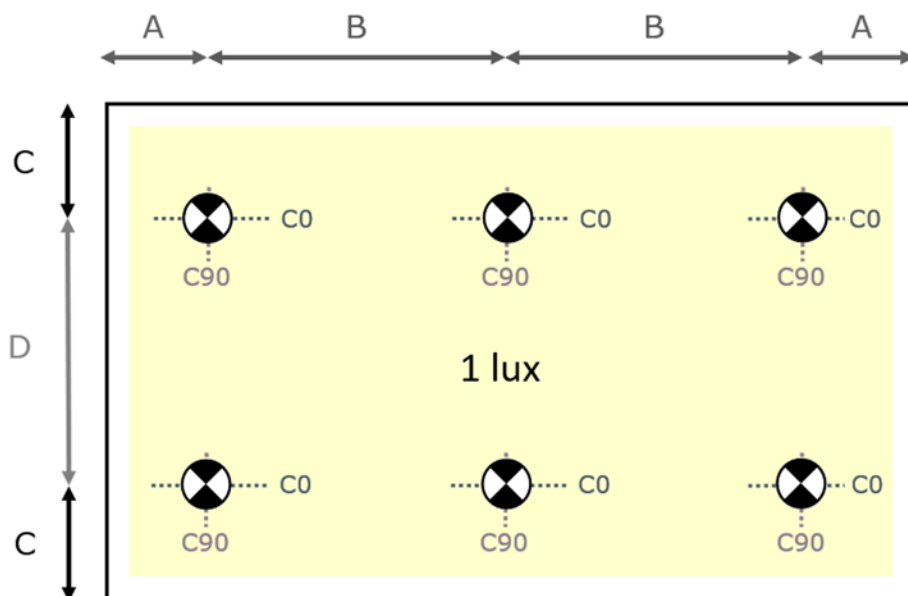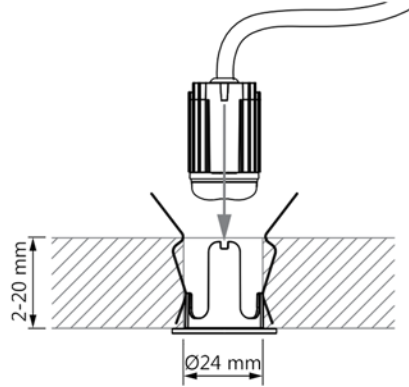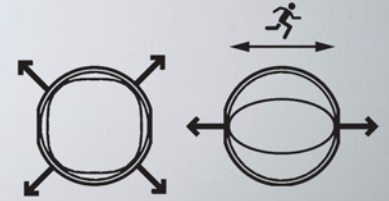
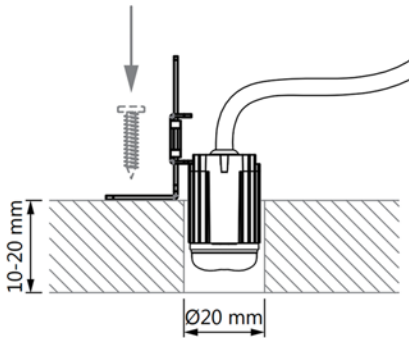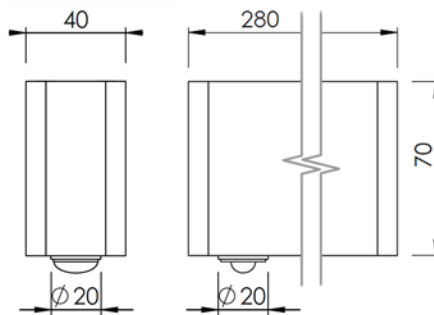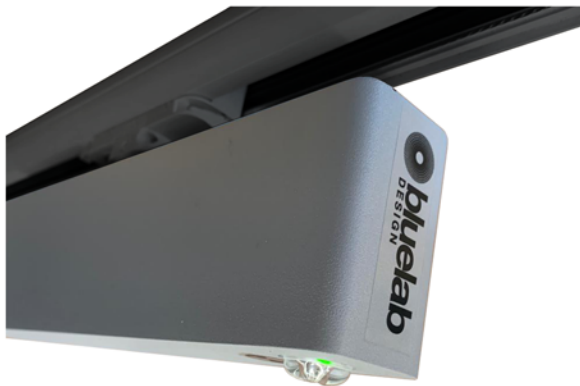## Flange Housing

A 30mm overall Polycarbonate white flange for easy installation into plaster and T-bar. Access from above the ceiling needed

2-20 mm

Ø24 mm

"L" Bracket

For plaster ceiling, ledges or timber slat ceiling installation. With vertical precise position adjustment.

10-20 mm

Ø20 mm

Track Light

Track mounted Emergency. Customizable power coated colour.

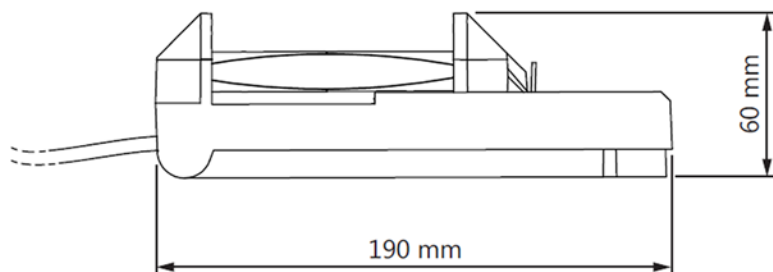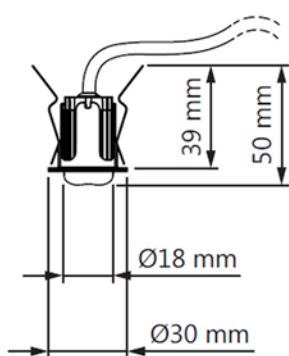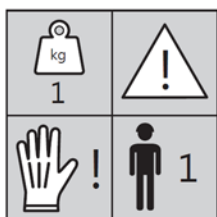40   280   70

Ø 20   Ø 20

In Products

K9 mini is available in all of ETAP lighting products. Bluelab Design install K9 mini Emergencies into custom product and our signature Truss Range.
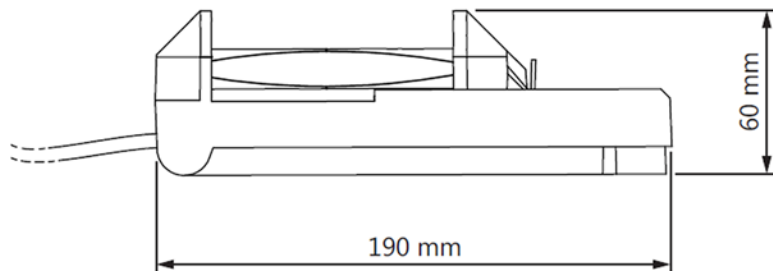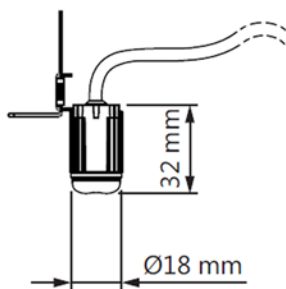
Upon request extended lead, for remote gear at extended lengths up to 20 meters. Extension lead with Wieland connected plugs, double insulated cable.

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kg 1

! (warning)

! (gloves)

1 (person)

YouTube

Installation Diagnostic

Battery Diagnostic

Electronics Diagnostic

39 mm / 50 mm
Ø18 mm
Ø30 mm

60 mm
190 mm

32 mm
Ø18 mm

60 mm
190 mm

Min. 150 mm

Min. 150 mm

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