



ALTOS MAXI

High Output LED Emergency Luminaire with ICEL Endorsed Control Gear

Features:

- Highly efficient optics
- Mounting height up to 15m
- Multiple mounting options;
 - lighting trunking
 - bus bar
 - suspended
- Switchable self-test as standard*
- DALI and Central Battery Slave versions available
- CRI (Ra) 70+
- CCT 5700K
- ICEL Endorsed control gear
- Compatible with LitelP module G2-E3M

Part Number	Description	Test Option	Output
ALT-4380-WB-XS	Altos Maxi 3hr NM 700lm (Corridor Lens) Self-test	Manual test or self-test	6W 670lm
ALT-4380-RK-XS	Altos Maxi 3hr NM 670lm (Rack Lens) Self-test	Manual test or self-test	6W 700lm
ALT-4380-CO-XS	Altos Maxi 3hr NM 750lm (Wide Beam Lens) Self-test	Manual test or self-test	6W 760lm
ALT-4380-WB-DL	Altos Maxi 3hr NM 700lm (Corridor Lens) DALI2	DALI-2 or self-test	6W 670lm
ALT-4380-RK-DL	Altos Maxi 3hr NM 670lm (Rack Lens) DALI2	DALI-2 or self-test	6W 700lm
ALT-4380-CO-DL	Altos Maxi 3hr NM 750lm (Wide Beam Lens) DALI2	DALI-2 or self-test	6W 760lm



TECHNICAL SPECIFICATION

Rated supply voltage	220 - 240V AC
AC voltage range	198 – 264V
Mains frequency	50 / 60 Hz
Max. power consumption during charging	5W
Standby power	< 0.8W
Emergency output power	6W
LED forward voltage range	10-50 Vdc
Max. output voltage	55Vdc
Emergency rated duration	3 hours
Battery	Li-ion 3.6V 10Ah
Battery charge time	< 16 hours
Operating temp. ta	0 - 50°C
Max. module case temp. tc	70°C
Max. battery case temperature	55°C
CRI (Ra)	70+
Lamp CCT (K)	5700

* Luminaire automatically shuts off after 3 hours 7 minutes to prolong battery life.

Manual Test

The luminaire must be commissioned and tested by a competent person in accordance with to BS EN 50172:2004.

Self-test

To activate self-test an IR/R needs to be plugged in, the fitting powered up and REM10 used. This setting is then stored once disconnected from the power. IR/R can then be disconnected or left in line of sight to allow the remote-control features. A brief functional test will occur automatically each week (+/- 6hrs at random) The first full duration test will be carried out automatically within the first 4 weeks of the luminaire being connected to the mains supply and every 12 months thereafter. Battery capacity can be checked by pressing "BAT CHK" after a duration test has been completed.

Battery Autonomy Indication

		3hr setting	1hr setting
	Alternating 0.5Hz single flash	≥3.5hrs	≥1.5hrs
	Alternating 0.5Hz double flash	3.25 - 3.5hrs	1.25 - 1.5hrs
	Alternating 0.5Hz triple flash	3.0 - 3.25hrs	1.0 - 1.25hrs
	Alternating 0.5Hz quadruple flash	NO TEST	NO TEST

Self-test Status Check

	0.5Hz Alternating Flash	Self-test operation enabled
	0.5Hz Alternating Flash	Self-test operation disabled

Slow flash= 0.5Hz
 Normal flash=1Hz
 Fast flash=2Hz

REM10 Remote Control

The remote control adds extra features to all our luminaires, including battery status, self-test on/off, functional test and duration test.

Pre-commissioning

A full duration test can be initiated whilst the battery is charging and will begin once charging is complete (Pre-commissioning).

- Press TEST to carry out a "Functional Test"
- Press "BAT CHK" to check battery status**
- Press "MT ON" to initiate a "Full Duration Test" and "Pre-Commissioning"
- Press "MT OFF" to interrupt "Full Duration Test"
- Press "AST ON" to enable self-test function
- Press "AST OFF" to disable self-test function
- Press "AST CHK" to check status of self-test function (enabled/disabled)



* Note that when the "Full Duration Test" is completed the batteries require up to 8 hours to be re-charged again.

** Note that battery status is recorded and updated after full duration test is completed.

LED Status Indications*			
Healthy	Solid green	Battery fault	Solid red
Charging	Slow flashing green (1/s)	Lamp fault	Slow flashing red (1/s)
Test in progress	Fast flashing green (2/s)	Battery temperature fault	Slow flashing red (2/s)

*For emergency lighting duration test and self-test function test LED indications, please refer User Guide