

# ALTOS MAXI

High Output LED Emergency Luminaire with ICEL Endorsed Control Gear

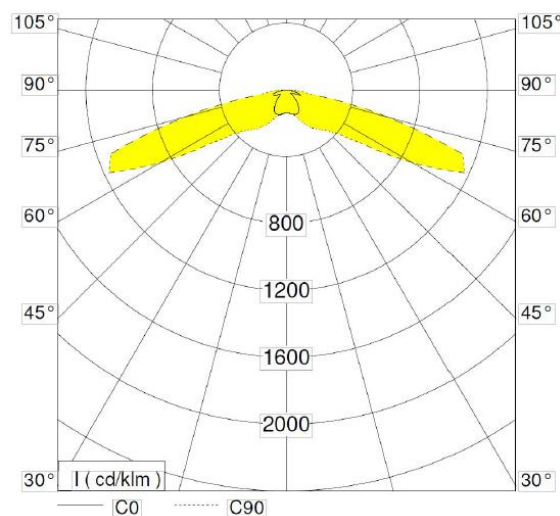


*5-year warranty\**

- 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

Model Number	Duration	Lens	EM Output	Description
ALT-4380-WB-XS	3hr	Wide	6W 670lm	NM emergency luminaire with switchable self-test*
ALT-4380-RK-SX	3hr	Rack	6W 700lm	NM emergency luminaire with switchable self-test*
ALT-4380-CO-SX	3hr	Corridor	6W 760lm	NM emergency luminaire with switchable self-test*

## Photometric Performance



## 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

### Self-test

The user-selectable self-test facility automatically tests every week (+/- 6hrs at random). The first full duration test is carried out automatically within the first 4 weeks after the luminaire being connected to mains voltage. Each year the capacity of the battery is measured by simulating a power failure in addition to the functional test. Complies with EN62034.

### Status LED Indications

Status is indicated via a bi-color LED as follows:

GREEN	RED	STATUS
ON 	OFF 	OK
1Hz Flash 	OFF 	Charging
OFF 	ON 	Battery disconnected / Duration test fault
2Hz Flash 	OFF 	Function / Duration test in progress
OFF 	2Hz Flash 	Battery temperature fault
OFF 	1Hz Flash 	Light source fault
0.5Hz Alternating Flash Once 		Remote Control Signal Received

### 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

*Please note: The luminaire is supplied in manual test mode by default. If self-test function is required simply attach the infrared receiver (IR/R) and use the remote control (REM10) to enable it. Whether the self-test function is disabled or enabled the remote control adds extra features to this luminaire.*

1. Press TEST to carry out a “Functional Test”.
2. Press “MT ON” to initiate a “Full Duration Test”.\*
3. Press “MT OFF” to interrupt “Full Duration Test”.
4. Press “BAT CHK” to check battery status.\*\*
5. Press “AST ON” to enable self-test function.
6. Press “AST OFF” to disable self-test function.
7. 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.

\*\* Battery status is recorded and updated after full duration test is completed .