



enLighten

Fire Stairs/Car Park Luminaire

UP TO

93%

ENERGY SAVINGS

Fluorescent & LED Replacement

Chamaeleon™ III

Award winning sensor luminaire designed specifically for Car Parks and Fire Stairs



Designed in Australia for Australian conditions, the Chamaeleon III has revolutionised the lighting for low occupancy spaces. Designed for Car Park and Fire Stairs, this luminaire has a well-known reputation for delivering reliability, maintenance and energy saving benefits.

These key features were developed and sourced from user feedback across over 1500 project installations nationally.

OPTIONS AND BENEFITS

- **Emergency & non emergency** options available
- **Ease of installation** - with smart connect base
- **Battery self-test** - Reducing commissioning time during installation
- **External accessible drawer** for easy battery replacement
- **IK10** - Highest level of impact resistance
- **Vandal proof skirt** available
- **Maximise energy savings** through the inbuilt microwave sensor and daylight sensor
- **Automatic monthly self test** to reduce emergency compliance testing costs
- **Australian design**
- **7 year warranty**



APPLICATIONS



CORRIDORS



FIRE STAIRS



PLANT ROOMS



STORE ROOMS



UNDERCOVER CARPARKS

FEATURES



AUSTRALIAN DESIGNED



CEILING MOUNT



DAYLIGHT SENSOR



EMERGENCY



IMPACT RATING



INGRESS PROTECTION



MICROWAVE SENSOR



SAFETY COMPLIANCE



SELF TEST



VANDAL PROOF SKIRT



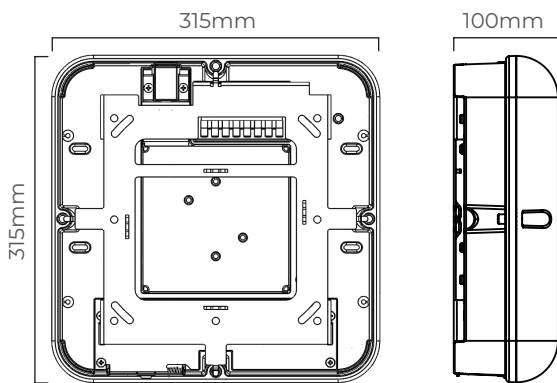
YEAR WARRANTY

PRODUCT RANGE

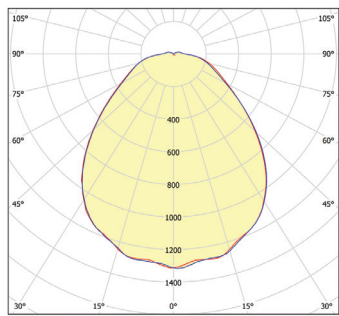
Model #	Description	Rated Power (W)		Average consumption* (W)
		Full light	Standby	
CHAM-C	Ceiling mount standard	42	4	6
CHAM-C-E	Ceiling mount emergency	43	5	7

* Based on 5% occupancy over 24 hour period

DIMENSIONS

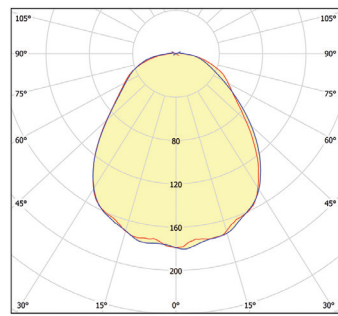


PHOTOMETRICS



cd — C0-C180 — C90-C270 3559 lm

Model shown: Cham-C
Full light output



cd — C0-C180 — C90-C270 456 lm

Model shown: Cham-C-E
Emergency light output

TECHNICAL INFORMATION

Optical

Light source	Lumileds LEDs
Lumen output	3500lm full light 83lm standby
CRI	Ra>80
CCT	4000K

Electrical

Power consumption	42 - 43W full light output, 4 - 5W at standby
Operating frequency	50/60Hz
Operating voltage range	100 - 264V AC
Power factor	>0.9 240 V AC at full load

Emergency light

Battery type	9.6V NiMH 2200mAh
Discharge time	90 minutes
Emergency classification	Ceiling mount: C0: D50, C90: D40

Environmental

IP rating	IP52
Impact rating	IK10
Weight	4.5kg
Ambient temperature range	-10° C to + 50° C
Material Composition (body)	Powder coated aluminium
Material Composition (diffuser)	Polycarbonate
Expected Lifespan	L70B10: 119,746 hours

Controls - Standard

Microwave sensor	5.8GHz Microwave motion sensor
Microwave sensor range	360 deg; max 8m – adjustable
Microwave sensor operating interval	10 sec to 5 min (default setting 15 sec)
Daylight sensor	Manually adjustable

Accessories

Accessories	Powdercoated zincalume Vandal proof skirt Replacement NiMH battery pack
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Warranty*

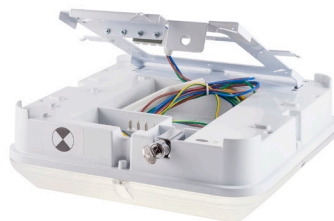
Warranty*	7 years (excl battery) 2 years (battery)
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Data subject to change without notice
* Refer to warranty policy

FEATURES



Battery Drawer



Smart Connect Base







Vandal Proof Skirt (optional)

BATTERY SELF TEST FUNCTION (MONTHLY DISCHARGE TEST)

The Building Code of Australia and AS 2293 requires mandatory testing of emergency lights every 6 and 12 months to ensure occupant safety. EnLighten has taken this one step further as the light is programmed to automatically conduct a monthly 90 minute discharge test. The test does not disrupt the light's normal operation ensuring an efficient and safer environment. It also assists in longevity of the battery.

The monthly discharge test result is visible via a single multi colour LED indicator, located under the diffuser.

Indicator colour	Status – light operation
Solid blue 	Testing in progress (90 mins)
Flashing Blue 	Recently tested and complies* Normal state awaiting next discharge test
Flashing yellow 	Tested and failed due to faulty LEDs
Flashing red 	Tested and failed due to battery

*Following a successful discharge test, the blue flashing light indicator will be mixed with a solid green or red light to show battery charge status (red - charging, green - charged)

COMMISSIONING DISCHARGE TEST

Australian regulation also requires a single 120 minute commissioning test for emergency lights post initial 24 hours of installation. Chamaeleon III does this test automatically as well, while the light continues to operate as normal.

The LED indicator will display as solid red during the initial battery charging 24 hr period, before changing to solid green to indicate that the battery is fully charged and ready for the automatic commissioning test. The commissioning test result options will be the same as for the monthly 90 minute discharge test.

COMPLIANCE

The Chamaeleon III meets or exceeds all relevant standards and regulatory requirements.

For a full compliance and testing list visit www.enlighten.com.au. IES files, warranty, installation and product guides are also available for download.

Sold nationally through major electrical wholesalers.

www.enlighten.com.au | 1800 365 444

DAYLIGHT SENSOR

The latest addition to the Chamaeleon III has an optional daylight sensing feature which can be activated manually during installation. Once enabled, the daylight sensor over rides the microwave sensor in presence of daylight so that the light doesn't go to full light output even when there is motion around the light. However it is important to note that the light doesn't switch off, but remains in standby mode, during the presence of daylight.

AWARDS



The Chamaeleon III has garnered significant recognition for its innovative design and energy efficiency. Among its accolades, the light has won the Best Energy Efficiency Innovation at the 2016 Energy Efficiency Council Industry Awards and received the 2015 NSW IES Luminaire Design Award of Excellence.

