

# UMBRA CORE IP65

EV-UMBRA-CORE-IP65-1200-TRI-F&P

Core IP65 Weatherproof Batten, Dual Power, Tri-CCT

## FEATURES

- Tri-colour selection
- Selectable output power
- Increased ambient temperature of 40 degrees
- IP65 weatherproof rating and IK08 impact rating
- High efficiency design >130lm/W
- Excellent LED lifetime for energy efficient lighting designs



ORDERING INFORMATION	
Order code	12131
Description	UMBRA CORE 36W 1200mm LED Batten - Tri CCT - F&P
Driver Power	40 W
Driver Type	Fixed output
Item Code	EV-UMBRA-CORE-IP65-1200-TRI-F&P

MECHANICAL	
Body Material	Polycarbonate
Diffuser Material	Polycarbonate
Fitting Colour	Grey
IK Rating	IK08
Installation Type	Surface mount
IP Rating	IP65

ELECTRICAL	
Electrical Rating	Class I
Input Current	0.16 A
Input Frequency	50 Hz
Input voltage	230Vac
In Australia the Input voltage is defined as 230Vac -6%/+10%. This effectively means that the voltage range of these products are 216Vac - 253Vac or 240V +6%	
Maximum Wattage	32 W
Power Factor	0.95

Switch Type	Inline
Working Temp Range	0 to 40 °C

LAMP	
Macadam Steps (SDCM)	6-step MacAdam Ellipse
CCT Configuration	TRI-CCT
CRI	>80
Lamp/LED Current	300 mA
Lamp/LED voltage	99 V
System Efficiency	134 lm/W

LED LIFETIME	
LED Lifetime	>72000 hrs
This is the Reported LED Lifetime in Hours based on TM-21. Ektor does not list the projected or calculated LED lifetime, which is normally longer as TM-21 Addendum B explicitly states "The Calculated and Projected Lp(Dk) are not to be reported". This Lifetime refers to the life of a single LED however the system life is longer since the probability and binomial distribution of all LEDs in the system means that the average led is performing above the specification and compensates for the LEDs falling below.	
TM-21 Test Hours	12000 hrs



## COLOUR TEMPERATURE

<b>CCT</b>	4000 K
<b>LED Wattage</b>	32 W
<b>System Lumens</b>	4080 lm

All photometric data has a tolerance of  $\pm 10\%$ .

## DRIVER

<b>Dimmable</b>	No
<b>Driver Included</b>	Yes
<b>Integrated Driver</b>	No
<b>Driver Mode</b>	Constant Current
<b>Driver Type</b>	Fixed output
<b>Flex &amp; Plug or Lead Length</b>	1700 mm
<b>Wiring Type</b>	Re-wireable Flex & Plug (3 pin)

## COMPLIANCE

<b>Product Design Life</b>	6 years
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The product design life relates to the total product life which includes LEDs, drivers and the enclosure. This is different to the LED lifetime which only refers to the economical lifetime of the LEDs at which time the lumen output has dropped below the L Value. The product design life is calculated at the maximum ambient or working temperature of the product and takes into account the Daily Use.

<b>Daily Use</b>	12 hrs
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The Daily Use is the recommended time required to meet the product's design life. Installations can exceed this time, however the product design life will be reduced proportionally.

<b>Standards</b>	AS/NZS 60598.1 AS/NZS 60598.2.1 AS CISPR 15 AS/NZS 61347.1 AS/NZS 61347.2.13
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## WARRANTY

<b>Commercial Use Warranty</b>	5Y return to base on General lighting components First 2Y includes an exclusive onsite warranty
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<b>Warranty Operating Hours</b>	15000 hrs
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This product is provided with a warranty up until the stated warranty period or until the stated warranty operating hours has been reached (whichever occurs first).

## DIMENSIONS

<b>Product Height</b>	78 mm
<b>Product Length</b>	1207 mm
<b>Product Width</b>	91 mm