EV-UMBRA-CORE-IP65-1200-TRI

Core IP65 Weatherproof Batten

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	120 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

20 Watts	
Warm White (4000K)	2500 lm
Cool White (5000K)	2600 lm
DayLight (6500K)	2500 lm
32 Watts	
Warm White (4000K)	4080 lm
Cool White (5000K)	4300 lm

DayLight (6500K)	4080 lm

DRIVER

Dimmable	No
Driver Included	Yes
Integrated Driver	No
Driver Mode	Constant Current
Driver Type	Fixed output
Wiring Type	Re-wireable terminal block (3 pin)
Driver Power	40 W
Output Voltage Range	55-120 V

COMPLIANCE

Product Design Life	50000 hrs

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 lifetime of the LEDs. The product design life is calculated at the maximum ambient or working temperature of the product and takes into account the Maximum Daily Use.

WARRANTY

Commercial Use Warranty	3 RTB (Total 3 Years)

DIMENSIONS

Product Height	78 mm
Product Length	1207 mm
Product Width	91 mm

ORDERING INFORMATION

Order code	12138
Description	UMBRA CORE 1200mm LED Batten - Tri CCT
Driver Power	40 W
Item Code	EV-UMBRA-CORE-IP65-1200-TRI

LINE DRAWINGS

EV/UMBRA/CORE/IP65/1200/EM/TRI

1207 mm · 78 mm · 91 mm