UMBRA CORE WIDE BODY DIFFUSED



Umbra Core WB Diffused Batten, Tri-Colour, Power

Switchable

- Tri-colour CCT selection (3000K/4000K/5700K)
- IP20 rated for indoor installation
- PMMA diffused optic for uniform light distribution
- Power switchable wattage (18W/24W/30W/36W)
- Exclusive 5 year warranty
- High lumen output up to 4,410lm at 4000K
- Surface mount installation
- Emergency models fully compliant (AS/NZS 2293.3)
- LiFePO4 battery with SafeTest monitoring

ORDERING INFORMATION

Order code	15541
Description	Umbra Core 1200mm Tri-CCT Diffused Wide Body Batten - Fixed Output Driver with Emergency
Driver Type	Fixed output
Item Code	EV-UMBRA-CORE-WB-DIFF-1200-EM

EFFICIENCIES

Total System Efficiency	135.5 lm/W

The performance of each component of a luminaire is demonstrated through its efficiencies, which together determine the total system efficiency of the product. The output of the LED chip is first multiplied by the optical and thermal efficiencies to calculate the Luminaire efficiency. However, this calculation does not consider the driver efficiency. To determine the overall efficiency of the system, the Luminaire efficiency must be multiplied by the driver efficiency, which accounts for all losses in the system.

MECHANICAL

IP Rating	IP20
Fitting Colour	White
Body Material	Powder-coated steel
Diffuser Material	PMMA
Installation Type	Surface mount

ELECTRICAL

Input Frequency	50 Hz
Power Factor	0.9
Maximum Wattage	38 W
System Max Wattage	36 W
Input voltage	220-240V~
Standby Power	2.5 W

Standby power for non-maintained/switched maintained emergency devices is measured when the light is off and the charger is in standby mode. For maintained emergency devices, standby power is measured when the light is on and the charger is in standby mode. Typically, charging occurs for the first 16 hours after the device is powered or after a battery discharge.

LAMP

Colour Rendering Index (CRI)	>80
CCT Configuration	TRI-CCT
Beam Angle	125 °

LED LIFETIME

LED Lifetime	>54000 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.

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COLOUR TEMPERATURE

18 Watts	
3000 K	2530 lm
4000 K	2590 lm
5700 K	2520 lm
36 Watts	
3000 K	4270 lm
4000 K	4410 lm
5700 K	4170 lm

DRIVER

Driver Type	Fixed output
Driver Included	Yes
Integrated Driver	No
Dimmable	No
Wiring Type	Re-wireable terminal block (4 pin)
Driver Mode	Constant Current

EMERGENCY (EM SUFFIX)

Emergency Classification	C0:D40, C90:D32
Emergency Output Power	2700 mW
Replacement Battery Code	53023
Emergency Duration	90 mins
Emergency Lumen Output	550 lm
Emergency Control	Ektor SafeTest (Automatic self-test)

COMPLIANCE

Standards	AS/NZS 60598.1 AS 60598.2.22 AS/NZS 61347.1 AS/NZS 61347.2.13 AS CISPR 15 AS/NZS 2293.3

WARRANTY

Warranty	5 Year Warranty, RTB

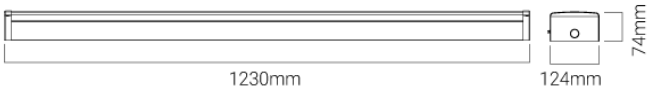
The total warranty period is shown above. Where an on-site period is listed, the first years are covered on-site, with return-to-base coverage for the remainder. For full warranty details and claim instructions, please refer to our Warranty page.

DIMENSIONS

Product Height	74 mm
Product Length	1230 mm
Product Width	124 mm

LINE DRAWINGS

EV/UMBRA/CORE/WB/DIFF/1200



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