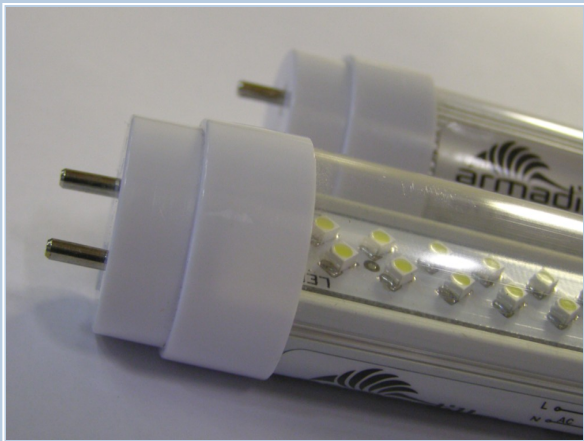


**BARRACUDA
LED TUBES
T8 - T10
Product Guide**





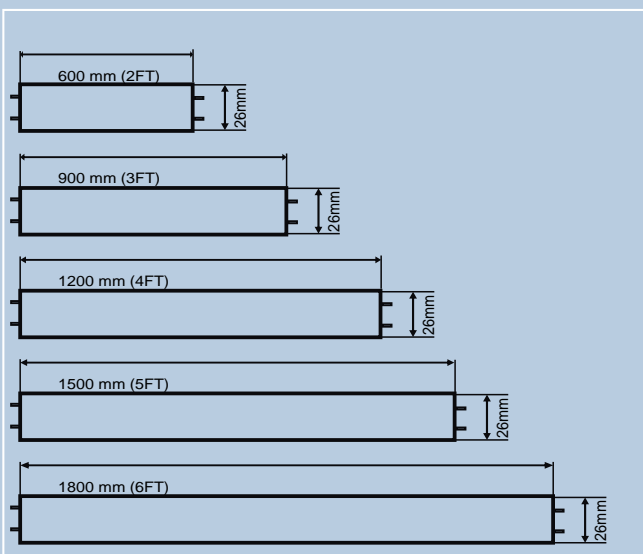
Product Code:
BARRACUDA T8
 CLEAR; OPAQUE; RIBBED Lens

LED TUBE / 2ft - 600mm
 / 3ft - 900mm
 / 4ft - 1200mm
 / 5ft - 1500mm
 / 6ft - 1800mm

Width 26mm

TEST STANDARDS COMPLIANCE

EN 60598-1:2008+A11:2009
 EN 60825-1:2007
 EN 55015:2006+A2:2009
 EN 61547:2009
 EN 61000-3-2:2006
 EN 61000-3-3:2008

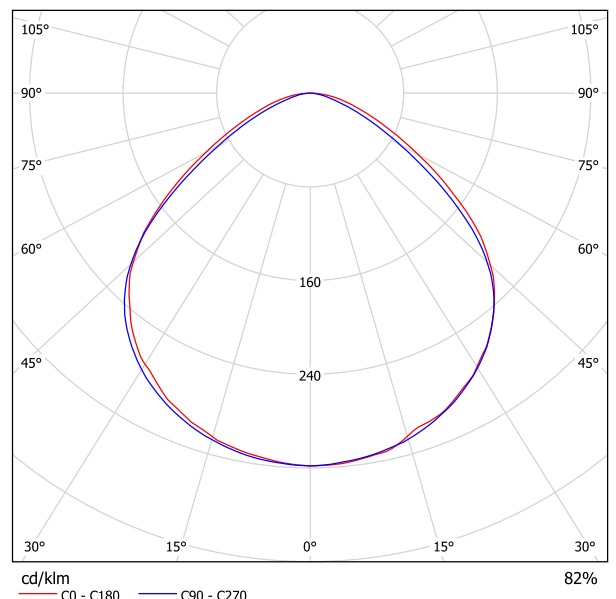


Rugged 85V - 265VAC design for long life, huge efficiency and equivalent light levels to existing T8 tubes, not seen before from LED fluorescent replacements. Surface mount 3528 LED's ensure good thermal bonding and even light placement throughout the tube. No 'sea scape' or rippled light seen from DIL led tubes.

Easy to replace?

Simply remove or by-pass your ballast. Remove starter form the existing circuit and replace it with Armadillo LED Starter - and your existing fittings are ready to use your Barracuda tubes.

We supply individual tubes to replace existing, or complete LED chassis with our LED Tubes fitted. Ideal for installation in volume, or for ease of fitment in any office or factory. High brightness 6/7Lm per LED, from 3000K to 7000K options available.





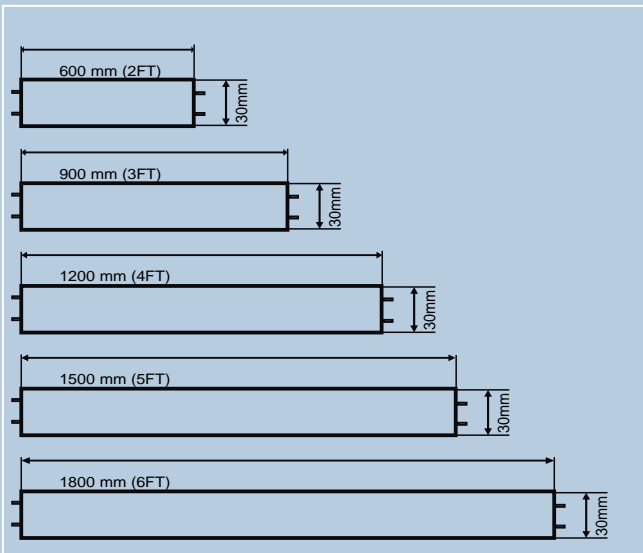
Product Code:
BARRACUDA T10
 CLEAR; OPAQUE; RIBBED Lens

LED TUBE / 2ft - 600mm
 / 3ft - 900mm
 / 4ft - 1200mm
 / 5ft - 1500mm
 / 6ft - 1800mm

Width 30mm

TEST STANDARDS COMPLIANCE

- EN 60598-1:2008+A11:2009
- EN 60825-1:2007
- EN 55015:2006+A2:2009
- EN 61547:2009
- EN 61000-3-2:2006
- EN 61000-3-3:2008

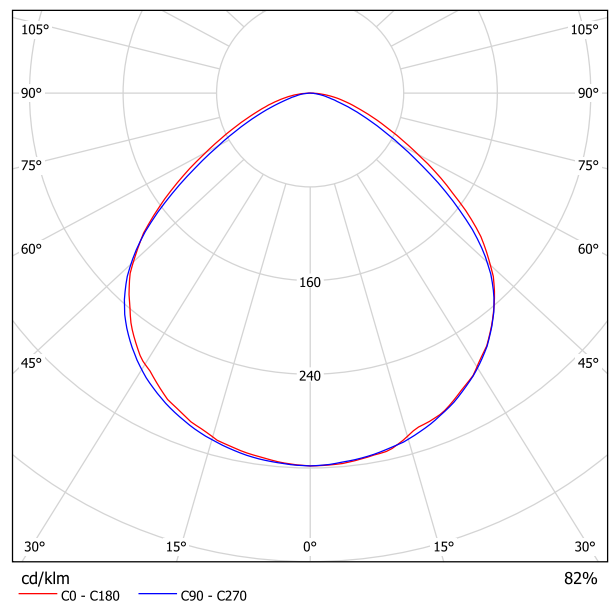


Rugged 85V - 265VAC design for long life, huge efficiency and equivalent light levels to existing T10 tubes, not seen before from LED fluorescent replacements. Surface mount 3528 LED's ensure good thermal bonding and even light placement throughout the tube. No 'sea scape' or rippled light seen from DIL led tubes.

Easy to replace?

Simply remove or by-pass your ballast. Remove starter form the existing circuit and replace it with Armadillo LED Starter - and your existing fittings are ready to use your Barracuda tubes.

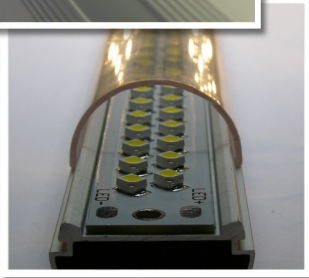
We supply individual tubes to replace existing, or complete LED chassis with our LED Tubes fitted. Ideal for installation in volume, or for ease of fitment in any office or factory. High brightness 6/7Lm per LED, from 3000K to 7000K options available.



Armadillo LED - T8 - T10 - Tubes

Technical data

Item No.	2FT – 600mm	3FT – 900mm	4FT – 1200mm	5FT – 1500mm	6FT – 1800mm
Power Factor	>0.90	>0.90	>0.90	>0.90	>0.90
Power Consumption	10W	16W	20W	24W	32W
Luminaire Efficiency	6/7Lm/LED – High Brightness				
Number of LEDs	144	216	288	360	432
LED Initial Flux – High Bright.	>950lm	>1400lm	>1870lm	>2340lm	>2800lm
LED Luminous Efficiency	>90%				
Colour Temp	Day Light (6000K-7000K)				
	Cool White (4000K-5500K)				
	Warm White (3000K-3500K)				
Colour Rendering Index	Ra>75				
Operating Environment	Temp: -20°C ~ 50°C				
Lifetime	>40,000 hrs.				
Lens Cover Material	Acrylic – Three lens Options – Clear; Opaque; Ribbed				
Heat Sink	Bright High Grade Aluminium				



MAIN FEATURES:

3 LENS Options:

CLEAR - Maximum light output for placing behind diffusers, or where high light level is required.

OPAQUE - Ideal retrofit replacement with CAT2 Louvres, and any other “open” fixtures. Clean aesthetic colour, used in areas with direct eye contact.

RIBBED - Light diffraction, optimising the sparkle available from LED.

HIGH GRADE ALUMINIUM PCB and EXTRUSION
for greater heat dissipation and light duration.

LED- Surface Mount 3528 LED - high performance, less energy consumption, longer life and consistent performance, compared to standard Fluorescent Tube or any Dual in Line (DIL) LED product.

WIRING CONNECTION - Safety benefit of wiring connection. Requirement to ensure the pins on either side of the tube are without electricity when only one side of the tube is connected to the lamp frame. Additional isolation replacement for existing starter also provided.

PACKING INFORMATION:	2FT (600mm)	3FT (900mm)	4FT (1200mm)	5FT (1500mm)	6FT (1800mm)
Unit Net Weight	207g	282g	399g	474g	549g
Packing Q-ty	12pcs/Box	12pcs/box	12pcs/box	12pcs/box	12pcs/box
Net Weight	2484g	3384g	4788g	5688g	6588g
Gross Weight	3407g	5043g	6679g	7859g	9039g
Outside Box(mm)	660x156x122	960x156x122	1260x156x122	1560x156x122	1860x156x122

BARRACUDA LED T8/T10 TUBES LIGHT INSTALLATION INSTRUCTION

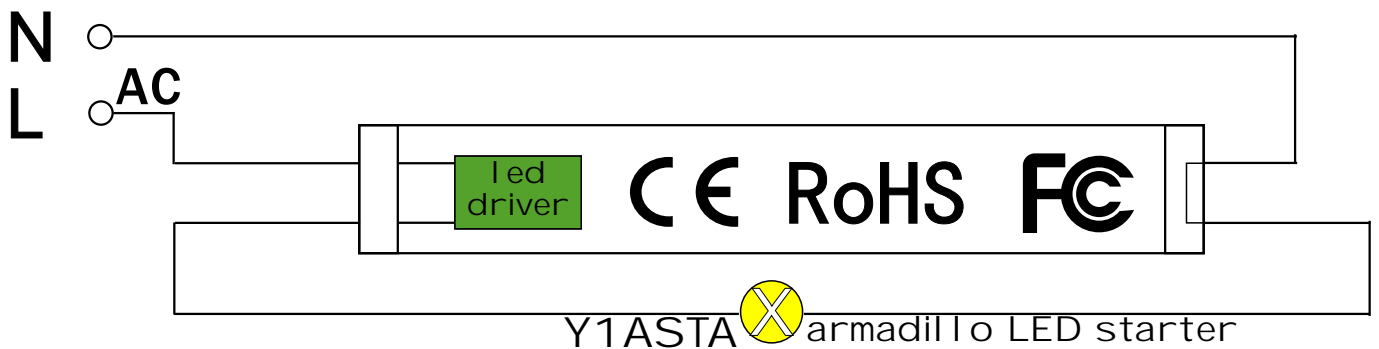
Standard Fluorescent Tube wiring format



This instruction is suitable for the following lamps: Barracuda LED T8/T10 Tube

1. **WARNING** Switch the mains power off.
2. Remove starter from the existing circuit. (*If starter in place)
3. Remove or by-pass ballast in existing housing, **leave remaining wiring format unchanged.**
4. Replace existing fluorescent tube with Armadillo LED Barracuda tube.
5. Insert Armadillo LED Starter (MPN: Y1ASTA) - (*If replacement required)
6. Your fittings are ready to use and you can start saving with Armadillo LED tubes.
7. Switch the mains power on.

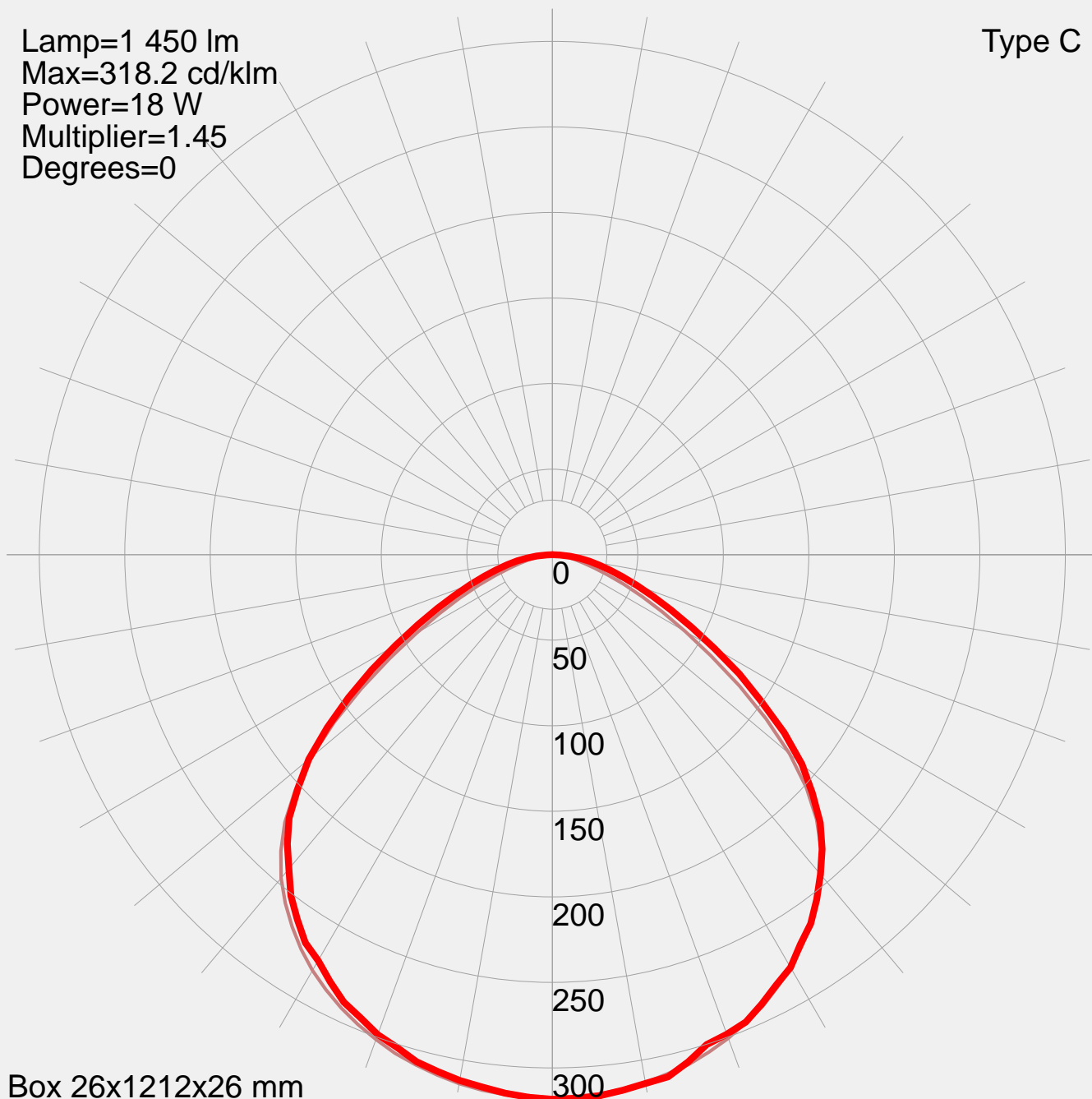
Barracuda LED Tube wiring format



The Armadillo Barracuda 'T' series solution is based on the requirement to ensure the pins on either side of the tube are without electricity when only one side of the tube is connected to the lamp frame. Providing a safety conscious install even when only one end is connected to the supply.

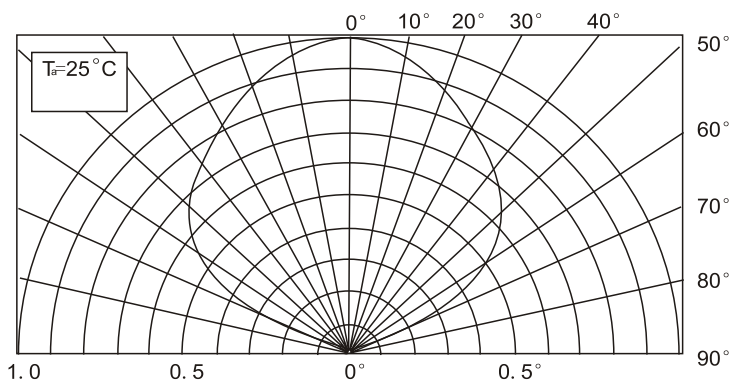
Type C

Lamp=1 450 lm
Max=318.2 cd/klm
Power=18 W
Multiplier=1.45
Degrees=0

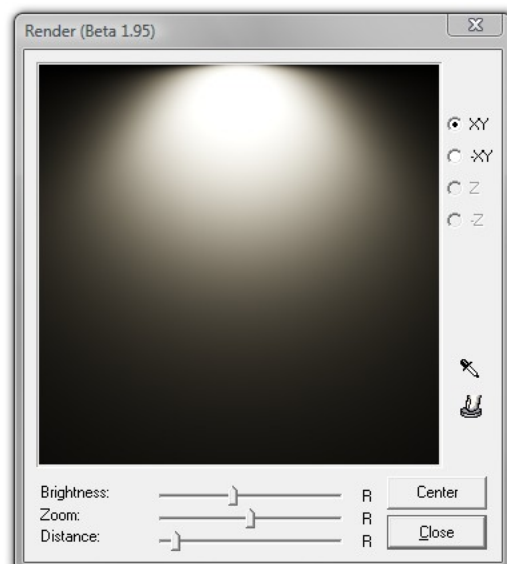


Box 26x1212x26 mm

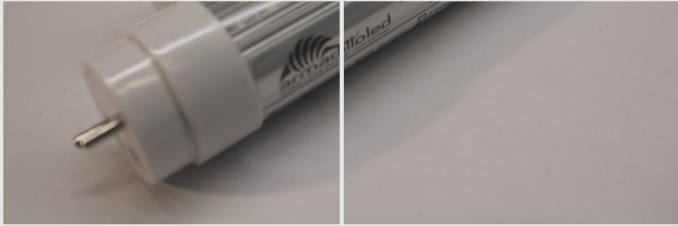
CandlePowerDistributionCurve



Manufacturer: ARMADILLO LED
Luminaire catalog: LED 18W TUBE
Luminaire: BARRACUDA T8 4FT-1200mm
Lamp catalog: 18W 288LED STD BRIGHT OPAQUE



armadillo



led.com

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low energy solutions

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