



LANTATM
PROFESSIONAL LIGHTING

Owner Handbook



Aurora 12T-V3TM

IR Rated High Power LED Outdoor Par Can

For your Safety

- Follow all instructions to maintain Manufacturer Warranty and for your own safety.
- There are no user replacement parts inside the product. Do not open the product for any reason. This will invalidate your Manufacturer Warranty and may impair the safety features of the product.
- All Lanta products designed for indoor use. Under no circumstances must these products be used outdoors unless the product specification specifically defines the product as being water resistant.
- Do not expose this product to moisture, rain or other fluids.
- Do not use if the product if you suspect it has been damaged in any way, including being dropped, is malfunctioning, or has been exposed to liquids or moisture. The unit must be repaired by an authorised service centre only. Manufacturer Warranty is void if the unit is opened or adapted in any way. Operator safety may be compromised if this product is not operated and maintained in accordance with the details contained in this Owner Handbook.
- This appliance must be earthed. Do not remove the earth connection in the plug or any other location- it is essential for user safety.
- Be aware that products are mains powered and may be capable of producing high voltages from its outputs and has mains voltages inside the cabinet.

Product Installation, Use & Maintenance

- Keep this Owner Handbook safe for future reference.
- Clean the product with a clean and dry, non-abrasive cloth. Do not use solvents or liquids to clean the product.
- To prevent overheating, do not obstruct any ventilation opening, fan cover or vent. Do not install near any sources of heat such as radiators, heaters or other heat producing items such as amplifiers, power units etc.
- Never lift, move or carry the product by any other means other than the case as a whole or handle if provided.
- Power connection to the product is via a UK 240 Volt AC three-pin mains plug. Do not remove or adapt this plug. If necessary, only replace the plug top fuse with one of the same type, size and value.
- The mains lead must not be crushed or damaged. If any damage occurs, disconnect from the mains immediately. Replace the damaged cable, or if the mains lead is captive, return the product to an authorised repair centre for cable replacement. Do not attempt to repair the cable - it must be discarded and destroyed.
- To maintain the Manufacturer Warranty, only attach authorised accessories and external devices. This includes cables, connectors and other electrical and/or mechanical devices.
- Unplug the product from the mains during lightning storms or periods of mains fluctuations. If the product is going to be unused for long periods, unplug from the mains.

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Product Quality & Compliance

Products from Lanta Lighting meet all required safety standards in force at the time of manufacture and are fully compliant with them.

Unpacking & Inspection

- Inspect the packaging before opening. If the packaging appears to have sustained significant damage, please take extra care before using the product. If you are in any doubt, consult a suitably qualified professional.
- If you suspect the product has been damaged, do not use it. Return it to your original supplier without delay.
- Keep all packaging in a safe place for storage or transportation in future.

Manufacturer Warranty

- This Manufacturer Warranty is valid in the UK only.
- Lanta Lighting warrants that this product is free from workmanship defects and material failure during normal use and operation for a 12 month period from original date of sale, providing all of the terms indicated in the warranty section have been fully complied with. Please refer to your suppliers T&C's for warranty details.
- Expressly excluded is our liability for any directly connected or indirectly connected item or items or any consequential loss associated with the failure of the product however caused.
- If the product has been opened, modified, tampered with, incorrectly connected, used inappropriately or in conflict with the instructions herein, or the product model or serial number has been damaged, removed, tampered with, obliterated or made partly unreadable by any person or persons, the Manufacturer Warranty is irrevocably null and void.
- No extension, adaption, alteration or modification to the terms of this Manufacturer Warranty will be permitted, unless expressly authorised in writing (excluding email and fax) by a Director of Lanta Lighting. Warranty is transferrable during the Warranty period.

For Further Information about Lanta Lighting

Our website can be found at **www.lantalighting.com** and is available for the benefit of customers worldwide. Please consult for information, advice and support on this and other high quality products from Lanta.

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IMPORTANT!

Battery Operated Products

Some Lanta products include an internal battery for portable use. These batteries are high energy rechargeable devices and for safety and product performance purposes these batteries have a permanent connection between the appliance and the battery.

The batteries are constructed from Lithium Ion materials, a much safer product than older generation primary Lithium batteries. Great care must be exercised when handling and disposing of these batteries and they must only be accessed and/or serviced by an authorised Lanta service centre.



DO NOT ATTEMPT TO ACCESS, MODIFY OR DISPOSE OF THE BATTERY!



End of life disposal of the product and/or the battery must not be disposed in domestic rubbish or other non-specific recycling centre.

Only disposal sites that fully conform to the requirements of the EU Battery Directive are permitted to recycle these products and batteries.

Please visit **www.gov.uk** for further information.

About Lanta Lighting™

Based in the UK, Lanta are committed to providing high quality products at cost-effective prices to the professional lighting market. Since the first product was launched in 2006, Lanta has established a reputation for reliability, common sense design and customer support that has become the envy of others. All Lanta products are specifically designed for UK operation and are optimized for 240VAC 50Hz UK mains power.

The Lanta Lighting range includes:-

Professional Lighting

Focussing on the use of LED technology, Lanta offer distinctive lighting effects for install and mobile applications. From washes to floods, spots to projectors, LED technology now outperforms traditional lights while at the same time requiring significantly lower power and generating far less unwanted heat.

Atmospheric Effects

When you need special atmospheric effects, Lanta have everything from bubble machines to fake snow, hazers and foggers. There's also a range of fluids and consumables specially designed to get the best from the range.

Control Gear

Lightweight and portable, Lanta Control Gear is robust enough to survive life on the road and smart enough to control DMX kit whatever the venue.

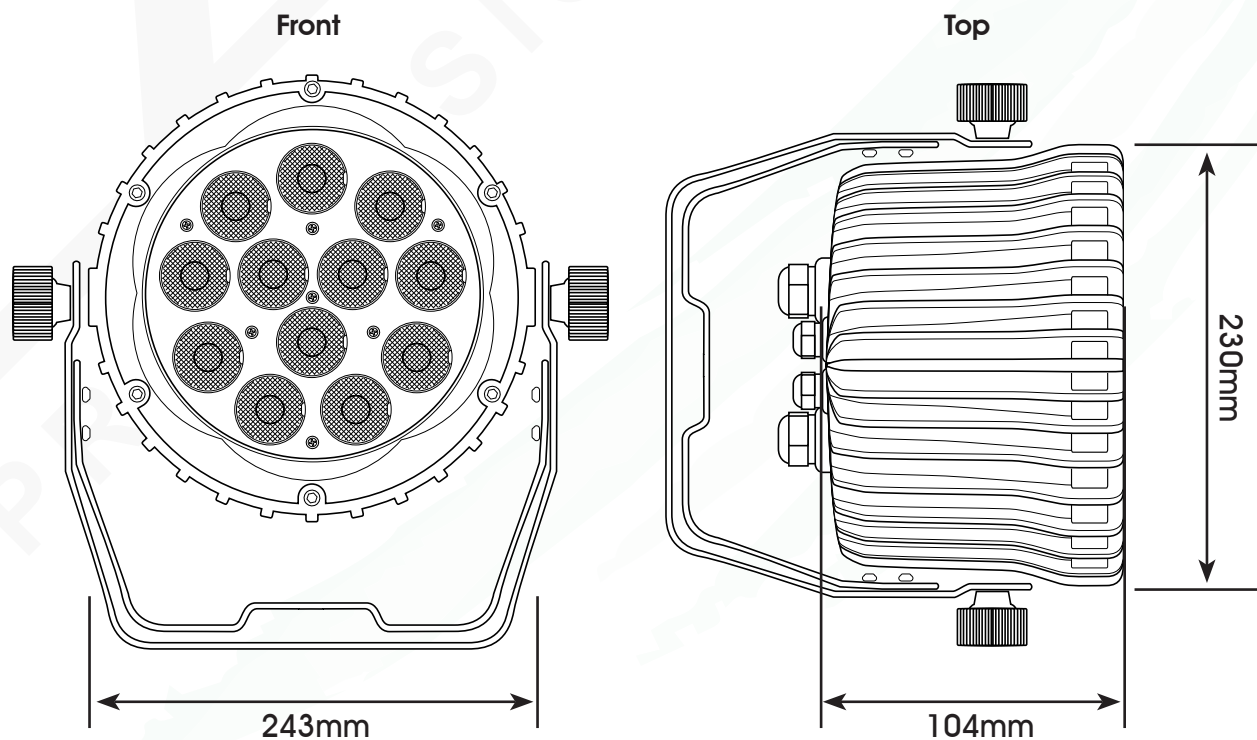
Visit us at **www.lantalighting.com** for more details.

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Getting to know your Lanta product

Dazzling and robust, the Lanta Aurora 12Tv3™ is a tri-colour outdoor spot designed to enhance external features such as hotels, monuments, gardens and office blocks.

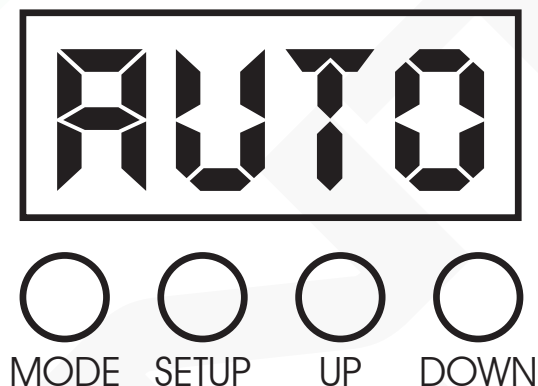
Model Number	L70707
Light Source	36w Total Power (12 x 3w Tri-Colour LEDs)
Beam Angle	28°
Control	3, 5 or 7 channel DMX 512 control channels, LED Display
Control Connections	3 Pin Female HD DMX, 3 Pin Male HD DMX
Run Modes	Programmable static colour, colour mixing and colour fading functions.
Ingress Protection	IP66
Construction	Die Cast
Power Requirement	240V AC 50Hz
Dimensions	230mm x 104mm x 243mm
Weight	2.5kg



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Operating Modes

There are distinct operating modes that are supported by this unit. To select, use the "MODE" button to enter the menu. The "SETUP" button steps through specific settings for each operating mode and the "UP" and "DOWN" buttons chooses from the values available.



Auto Run Mode



Press the "MODE" until the display shows "AUTO". The fixture will auto run between built in programs PR02 – PR07.

In Built Programs



Press "Mode" Button until the display reads PRXX

Press the "Up" or "Down" buttons to select programs PR.01 – PR.07

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Speed & Strobe



There are additional functions available to the user within the built in programs.

On program PR01, by pressing set up, you can select one of twelve built in colours using the "up" and "down" buttons. By pressing the "Setup" Button again the display will show "FSxx" Here you can set the strobe frequency for that colour. Press the up and down buttons to adjust the frequency of the strobe.

Between PR02 – PR10 both the strobe and speed of the program can be adjusted. Whilst on a program, press the "Setup" button once which will show "SPXX" By pressing the up and down buttons you can adjust the speed of the program. By pressing the "Setup" button for a second time the display will show "FSXX". By pressing the Up and Down buttons you can adjust the strobe frequency of the program.

Static Colour



Press the "Setup" Button until the display shows COLR. Use set up to select "r.XXX, g.XXX, b.XXX or FSXX". By pressing the Up or Down buttons you can adjust the brightness or each colour and strobe frequency.

LED Display Shows	Colour
r.XXX	0 - 255
g.XXX	0 - 255
b.XXX	0 - 255
FS.XX	0 - 99

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DMX Mode

d.001

Press the "MODE" button until the display shows "d.001". Press the "UP" and "DOWN" buttons to set the individual DMX value between d.001 - d.512.

To select the number of channels, Press the "SETUP" button, then the "UP" and "DOWN" buttons to cycle through the number of DMX channels you require.

LED Display Shows	DMX Control Mode
3-ch	3 Channel
5-ch	5 Channel
7-ch	7 Channel

3.CH

CHANNEL	VALUE	FUNCTION
CH1	0-255	RED
CH2	0-255	GREEN
CH3	0-255	BLUE

5.CH

CHANNEL	VALUE	FUNCTION
CH1	0-255	MASTER DIMMER
CH2	0-255	RED
CH3		GREEN
CH4	0-255	BLUE
CH5	0 - 9	NO USE
	10 - 255	STROBE FREQUENCY

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7.CH

CHANNEL	VALUE	FUNCTION
CH1	0-255	MASTER DIMMER
CH2	0-255	RED
CH3	0-255	GREEN
CH4	0-255	BLUE
CH5	0-29	STROBE (colour selected by 1ch - 4ch)
	30-59	BUILT IN PROGRAM AUTO RUN
	60-89	BUILT IN PROGRAM 2
	90-119	BUILT IN PROGRAM 3
	120-149	BUILT IN PROGRAM 4
	150-179	BUILT IN PROGRAM 5
	180-209	BUILT IN PROGRAM 6
	210-255	BUILT IN PROGRAM 7
CH6	0-255	PROGRAM SPEED
CH7	0-255	STROBE

Slave Mode

SLAV

Press the "MODE" until the display shows "SLAV" to enter into Slave mode.

Self Protection

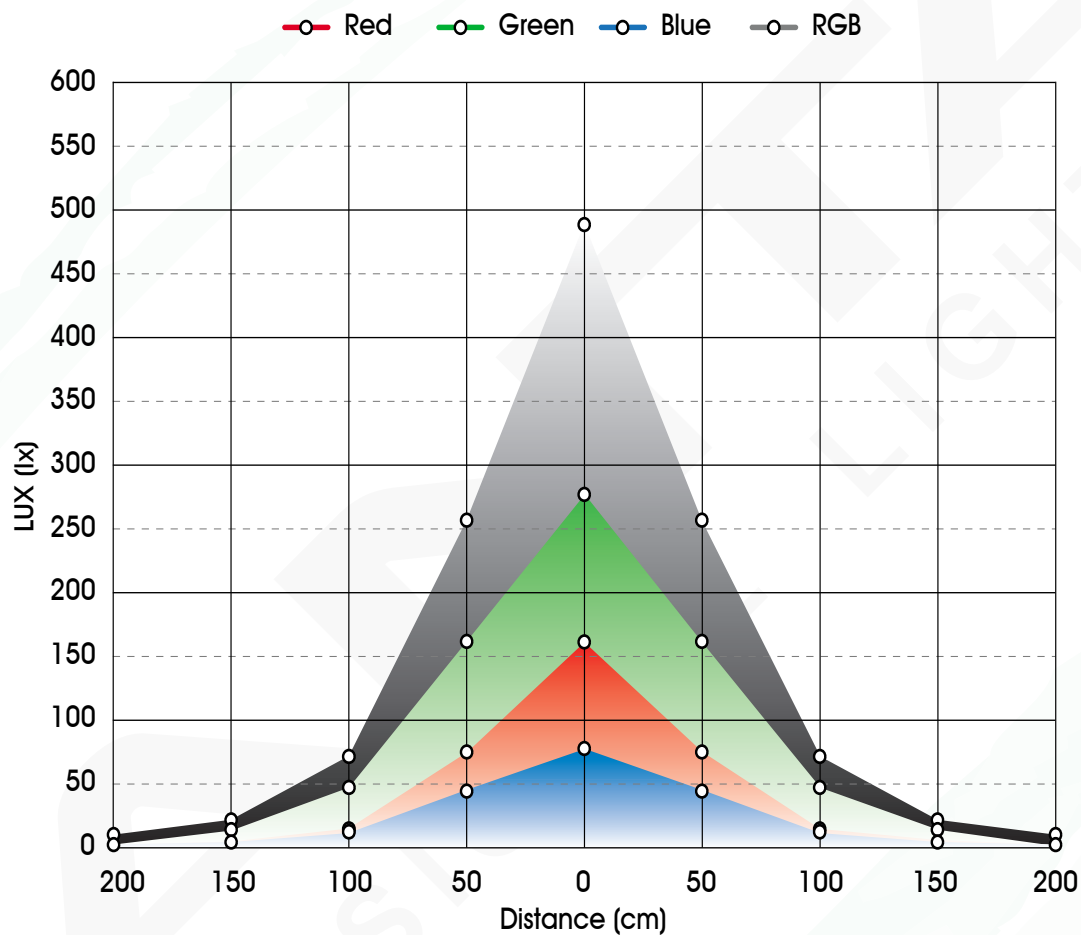
During long spells of operation on full power, the fixture will adjust the power consumption to increase the dissipation of heat. Please ensure the fixture is well ventilated when in use on full power for long spells.

Note:

To revert all stored settings back to default, a reset can be performed.
 With the power off, hold "Mode" and "Setup" buttons down.
 Power on and continue to hold for 5 seconds and then release.
 The display will show "RSET" followed by model number and software version.
 When "AUTO" is displayed the reset is complete.

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Illuminance Distribution



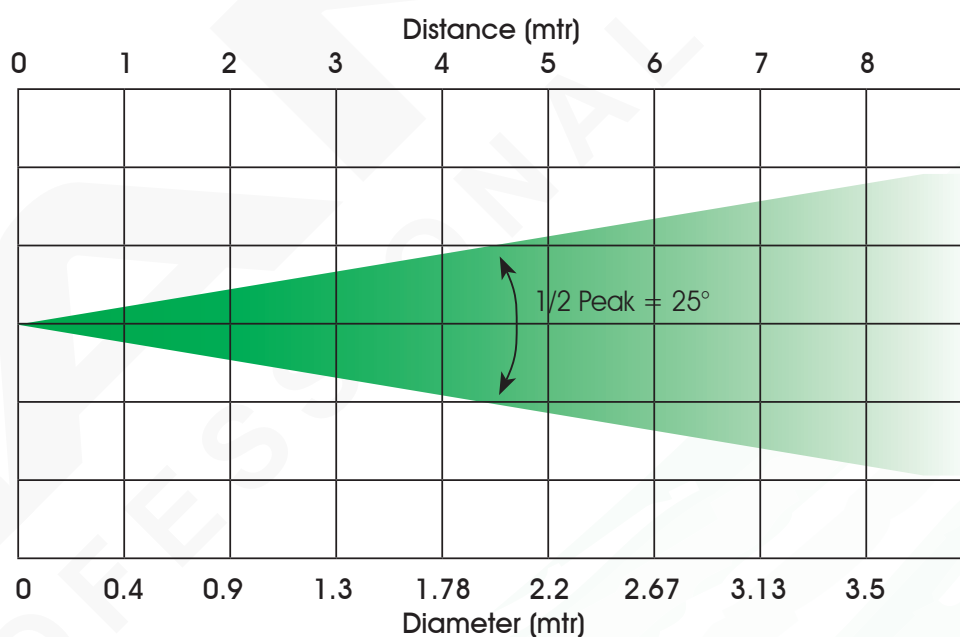
	1	2	3	4	5	6	7	8
Red	1006	336	162	92	60	42	32	23
Green	1644	558	260	154	98	69	52	41
Blue	470	150	72	41	27	19	14	9
RGB	3327	928	438	256	167	120	89	74

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Intensity From Centre

	0	50	100	150	200
Red	162	75	15	5	2
Green	278	163	45	14	7
Blue	76	43	11	4	2
RGB	490	257	71	21	11

Beam Angle



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