



## Distributor Pre-release Pack

Launches 1st September 2021

**SPARTAN** LINEAR  
GENERATION II

**rayTEC**

# New Features

## Outstanding Performance

The new SPARTAN Linear offers a lumen output of up to 7,000lm on standard variants. Linear is also now more efficient than ever, offering up to 142 lumens per watt.

## Choice of Optics

SPARTAN Linear is now available with a range of different optics to suit a wider range of applications, including asymmetric patterns for aisle, corridor and perimeter applications.



## Redesigned Front Lens

SPARTAN Linear has been upgraded with a more durable polycarbonate lens, which offers twice the impact rating as the existing version. A new lens clamping system also eradicates the chance of dirt or dust from being trapped under the lens.

## Certified to the Latest Standards

The new SPARTAN Linear has been certified to the very latest standards, which includes the recent changes to Ex e Standards. For Zone 2 variants, the marking of "nA" is replaced by the far more stringent Ex ec.



# More Robust

SPARTAN products have always had a focus on being highly durable and suitable for the most extreme environments.

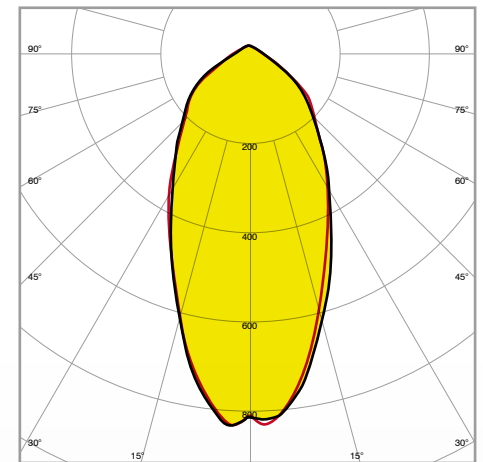
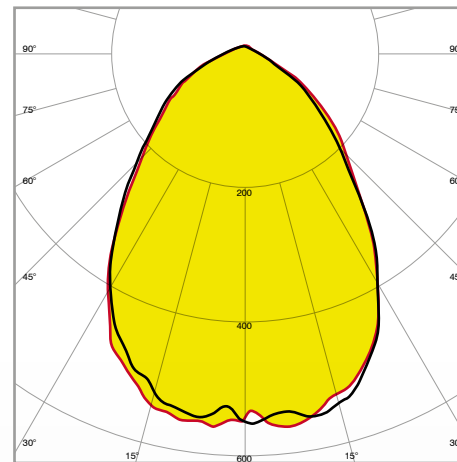
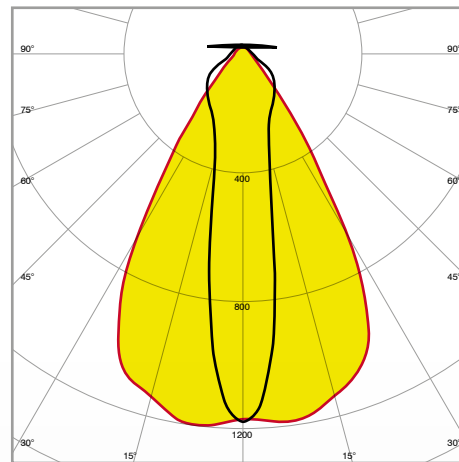
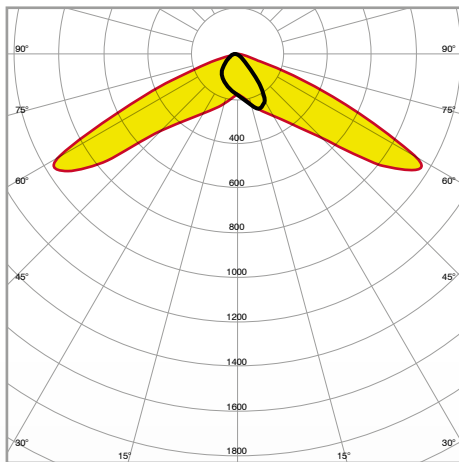
Linear's new front lens, which is secured using a clamping system, makes the whole luminaire inherently stronger than before; it has twice the impact rating while also being more resistant to chemical attack.

Elsewhere, Linear continues to utilise the same rugged design and durable materials from the previous generation of the product.



# More Performance

Not only is SPARTAN Linear more powerful and more efficient than ever before, but it also uses that power in a smarter way thanks to the new beam patterns which will be available on Linear for the first time. The range of new optics will allow light to be targeted better, ensuring fewer luminaires deliver more across an installation, and helping to reduce light pollution.



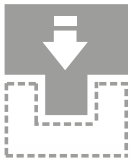
# Same Core Benefits

Alongside all the new features and benefits of the second generation of SPARTAN Linear, we've also retained all the key elements which were so important to the original luminaire, such as;



## Modular Design

Easy maintenance thanks to a unique modular design



## Retrofitable

Easy to upgrade from fluorescent thanks to a retrofitable design which uses common dimensions, fixing centres and cable entries



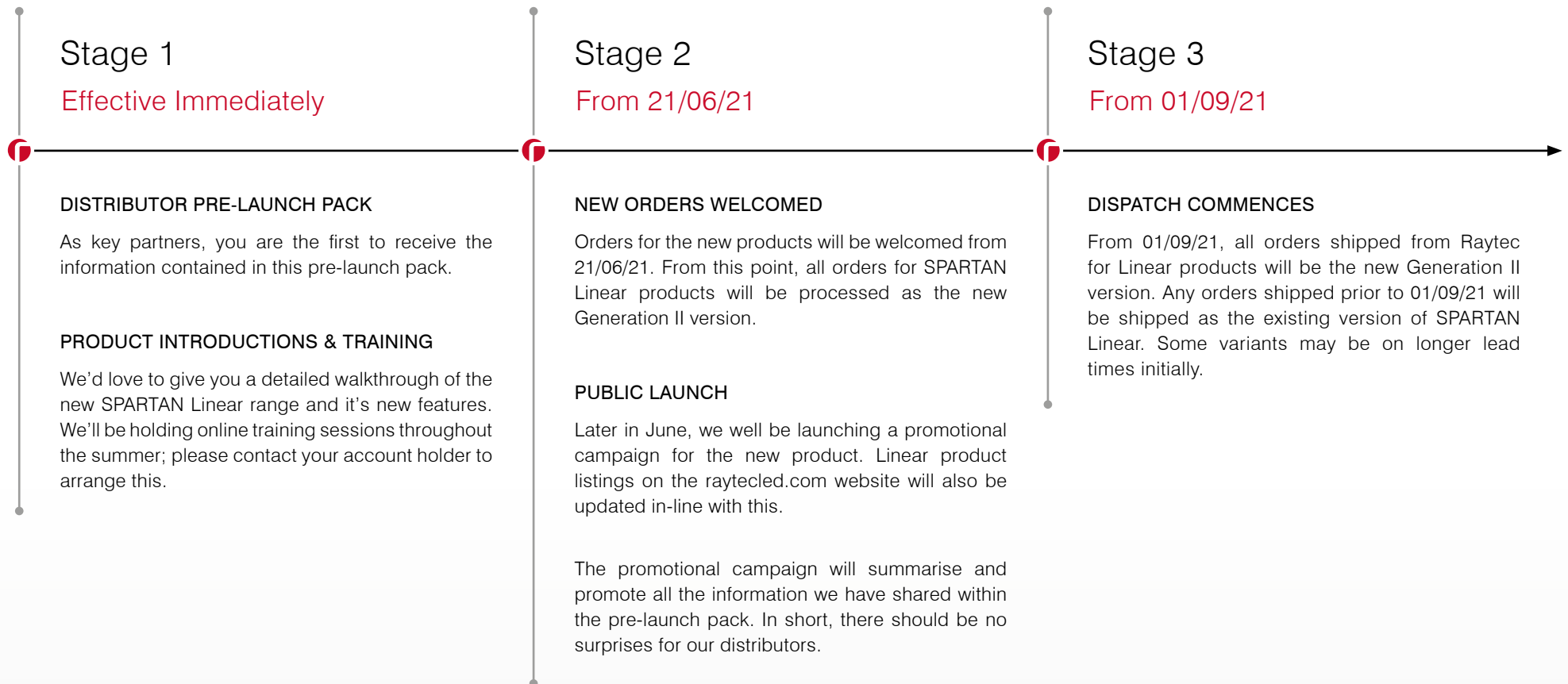
## Intelligent Emergency

Outstanding emergency performance with up to 100% output and the self-testing intelligent emergency system



# Product Launch Timeline

Below are key timings for the launch of the new SPARTAN Linear;





# Logistics

## Part codes & Packaging

Linear Generation II will retain exactly the same part codes as the existing products. We feel this is important to minimise disruption for our customers, and for projects where the existing products have been supplied. We acknowledge this will have to be carefully managed to ensure there is no confusion to our distributors and customers.

With this in mind, we will be strictly adhering to the dates set out in the Product Launch Timeline (see previous page). Further to this, we have also ensured Generation II Linear products are clearly identifiable from the label on the outer packaging, so the versions can be identified from the box on the shelf. We will be providing more information on this prior to the launch.

## ‘Zone’ Colours

All standard variants of the new SPARTAN Linear products will be painted grey RAL9006, i.e. the colour our existing Zone 1 variant Linear products are painted. The products will no longer be painted different colours to denote the Ex Zone classifications they are intended for. This has been done based on feedback from many of you, and to ensure we can keep lead times for the new products to a minimum. It will also greatly reduce the number of spare parts required; as an example, a replacement PSU can now be used on a Zone 1, 2 or Industrial product.

## Supporting Legacy Products

Linear Generation II products replace all existing variants, meaning you will no longer be able to order SPARTAN Linear to the existing specification (unless otherwise agreed with Raytec). The Linear Generation II has been designed to ensure many parts are backwards compatible, and for those which are not we will ensure the supply of these will continue for a period of 10 years.

Please note – longer lead times are to be expected on legacy products.



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