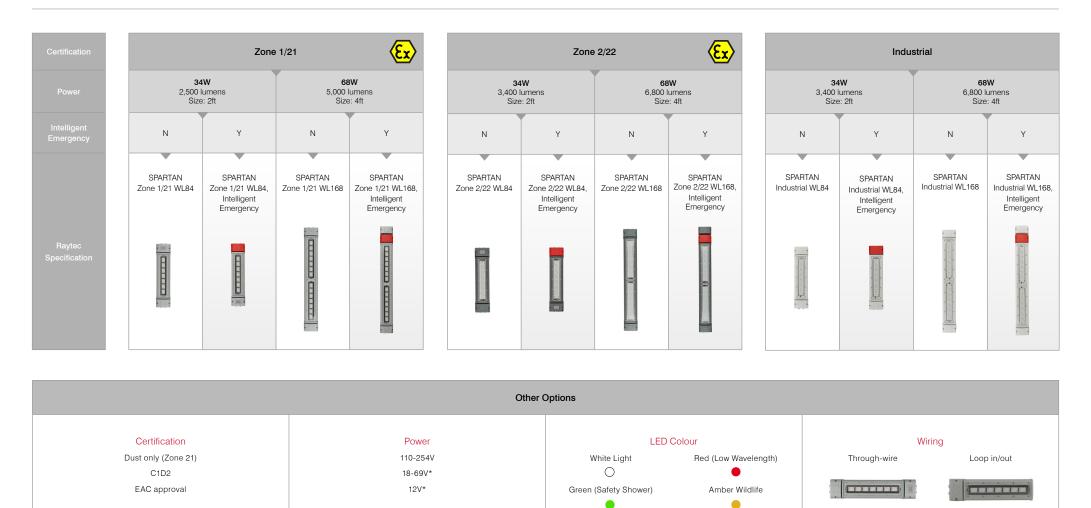
SPECIFICATION GUIDE

raytec"

Use our Linear Specification guide to help you choose the perfect SPARTAN Linear for your new or existing project. Navigate through each section of the guide to build your core product along with any additional options required. Finally, bring everything together with our handy product code builder to generate your final ordering code.

Core Product Selector

Contact Raytec for other certification requirements



*not available for emergency variants

www.raytecled.com



Are You Replacing Existing Fluorescents?

Raytec's standard WL84 and WL168 Linears are designed as a direct replacement for traditional 2x18W and 2x36W fluorescents, with the same dimensions, fixing centres and cable entries.

We also offer WL84-1200 and WL168-1500 product variants designed to retrofit traditional 2x36W and 2x58W fluorescent fittings, but also provide a significant reduction in energy and running costs thanks to a lower consumption.

Raytec White-Paper How to Save Money with Maintenance Friendly Ex Lighting Want to Learn More? Download our White-Paper to learn more about how these products achieve the same light output as traditional fluorescents, but use a fraction of the consumption.

Download

3 Product Code Builder

Now you know which product you need and the options available, all you need now is the final product code!

Variants in bold are standard products and can generally be offered on shorter lead times, or will be readily available through stocking distributors.

Linear's standard specification can be changed by including a suffix to the end of the product code. These are covered in the 'Other Options' table to the right. If adding multiple options, contact Raytec to confirm the final product code.

Example Order Reference: SPX-WL84-EMX25

Certification	Product Specification	Intelligent Emergency
• SPX (Zone 1/21, ATEX & IEC Ex)	WL84 (84 LEDs, 2x18W Retrofit)	EMX25 (25% Emergency output)
• SPZ (Zone 2/22, ATEX & IEC Ex)	WL168 (168 LEDs, 2x36W Retrofit)	EMX50 (50% Emergency Output)
O SPI (For Industrial non-Ex)	WL84-1200 (84 LEDs, 2x36W Retrofit)	EMX75 (75% Emergency Output)
Dust only and EAC approved products available. Contact Raytec for more information.	WL168-1500 (168 LEDs, 2x58W Retrofit)	EMX100 (100% Emergency Output)
For C1D2 products use the SPZ prefix and add '-C1D2' to end of code		For standard, non- emergency variants, remove this suffix

WL84-1200

The power and consumption of a standard WL84, in a housing to retrofit existing 2x36W fluorescents.



WL168-1500

The power and consumption of a standard WL168, in a housing to retrofit existing 2x58W fluorescents.



Find both of these product variants included in the product code builder!

Other Options		
Input Voltage	LED Colour and CCT	Cable Entries
110-254V AC as standard	6000K - standard	M20 as standard (ATEX variants)
-LV (18-48V AC/DC)* -ELV (12V AC/DC)* * Not available with emergency variants	-4K (4000K) -3K (3000K) -G (Green - Safety Shower)	3/4 NPT as standard (CID2 variants) -M25 (M25 entries)
Wiring Through-wired as standard	-R (Red - Low Wavelength) Amber (Wildlife Friendly) - contact Raytec	
-LL (Loop-in/out)	Lens Options	CID2
Temperature Rating	Clear polycarb as standard	-CID2 (CID2 approved)
T4 as standard	-D (diffused polycarb)	
-T6 (T6 rated)	-DD (double diffused polycarb)	CID2 units must use the 'SPZ' prefix

Can't find what you need?

We pride ourselves on flexibility and being able to meet the many demands of our customers. If you have a special requirement, and can't see it listed on this part code builder, give us a cal and chat to one of our hazardous area experts to discuss how we can help.