



Next generation dense phase line at Socelec, Madrid.

First Southern European installation
of the new SpectrumHD fast colour
change powder feed centre.

Project Overview

What's new at the plant?

Spectrum HD feed Centre, PowderPilot HD gun controls, eight Encore HD guns.

Is manual touch up required?

Yes - for larger, contoured parts only.

What was the Biggest challenge?

Reducing the colour change down-time to under 10 minutes (84 colours).



Specifications:

Year of construction: 2014

Type of components: Outdoor luminaires, urban & rural communities

Parts material: Aluminium, Steel

Passage height: 1.65m

Passage width: 0.45m

Line Speed: 2m/min (max)

Cabin: ColorMax³

Cyclone: Twin

Filters: 20.000m³

Color change: Under 10 minutes

Powder Center: Spectrum HD

Gun assembly: 8 x Encore HD, 4 per side (oscillator)

Manual: 2 x Encore HD Manual

Pump: HDLV x 8

Requirements / features:

- Coating thickness 60-90 micron