



CYL-09EM
AC 85-265V
Life Time>50,000Hrs

CYLON LED
Flowering Lamp
The ideal cost-cutting way
to control horticultural lighting for your crops

Cylon LED flowering lamps deliver the ultimate in horticultural lighting control for your crops to set flowering induction. Custom-tailored light spectra provide versatility and precision, efficiency and uniformity to exceed the demands of flower growers. Cylon LED flowering lamps have longer lifespan and electrical efficiency which are several times greater than incandescent lamps and offer big energy savings versus halogen and fluorescent lamps.

The Cylon LED flowering lamp is the most effective and energy-efficient way to set flowering induction in greenhouses that cultivate cut flowers and bedding plants, such as:

- **Solidago**
- **Aster**
- **Trachelium**
- **Gypsophila**
- **Phlox**
- **Asclepias**
- **Lisianthus / Eustoma**
- **Hypericum**
- **And more..**

Specifications highlights:

Material: Aluminum + PC
CCT: Deep Red light + far Red light
Beam Angle: 270°
Base: E26 / E27 / B22
Voltage: AC85-265V

Product Certification:

CE, RoHS

Product Advantages:

- **Energy-efficient lighting** save up to 90% on power bills versus incandescent, halogen and fluorescent lamps
- **Low cost** short return of investment (ROI) for your business
- **Optimum Spectrum lighting** deep red (630nm) and far red (730nm) perfect combination
- **Custom Tailored light spectra** for extra versatility, precision and efficiency
- **Patented design** exclusive patented technology allows long-lasting operation with high lumens
- **Durability** high performance operation for up to 50,000 hours
- **Wide angles** customized design for wide RGB angles (270°) for maximum efficiency
- **Instant light, no flicker, no noise** built with high-performance isolated capacitors without electrolytic
- **Safe use** internal protection for short-circuit, electrical shock and overheating
- **High quality LED chip** by Samsung Korea and Epistar
- **Rain resistance** IP64 grade
- **Wide input voltage range** 85-265 VAC
- **CE and RoHS certified**



MODELS

MODEL NO.		DESCRIPTION
CYL-05	Power: 5W Voltage: AC85-265V	Light spectrum: deep red LED Chip: Samsung Korea
CYL-05F	Power: 5W Voltage: AC85-265V	Light spectrum: deep red + far red LED Chip: Samsung Korea
CYL-07	Power: 7W Voltage: AC85-265V	Light spectrum: deep red LED Chip: Samsung Korea
CYL-07F	Power: 7W Voltage: AC85-265V	Light spectrum: deep red + far red LED Chip: Samsung Korea
CYL-09	Power: 9W Voltage: AC85-265V	Light spectrum: deep red LED Chip: Samsung Korea
CYL-09F	Power: 9W Voltage: AC85-265V	Light spectrum: deep red + far red LED Chip: Samsung Korea
CYL-12	Power: 12W Voltage: AC85-265V	Light spectrum: deep red LED Chip: Samsung Korea
CYL-12F	Power: 12W Voltage: AC85-265V	Light spectrum: deep red + far red LED Chip: Samsung Korea
CYL-15	Power: 15W Voltage: AC85-265V	Light spectrum: deep red LED Chip: Samsung Korea
CYL-15F	Power: 15W Voltage: AC85-265V	Light spectrum: deep red + far red LED Chip: Samsung Korea
CYL-18	Power: 18W Voltage: AC85-265V	Light spectrum: deep red LED Chip: Samsung Korea
CYL-18F	Power: 18W Voltage: AC85-265V	Light spectrum: deep red + far red LED Chip: Samsung Korea

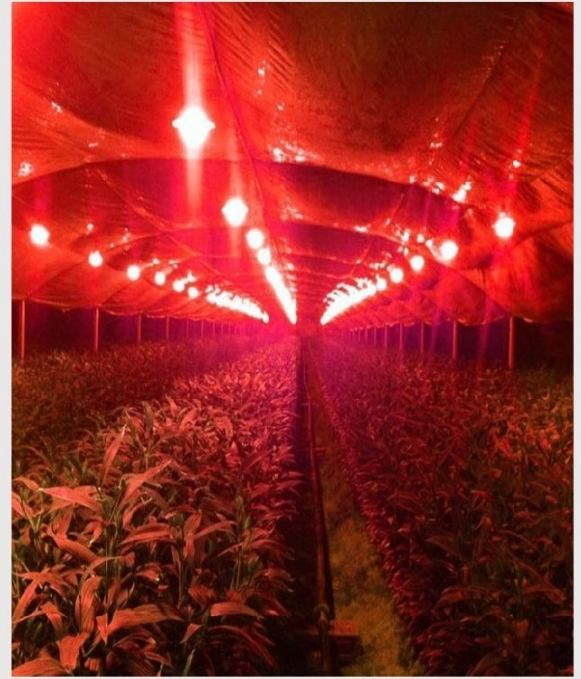
Technical Specifications:

Structural Specifications

Net weight	300g
Housing material	Aluminum alloy + rugged plastic
Base fitting	E26 / E27 / B22

Electrical Specifications

Input voltage range	AC 85-265V
Power Consumption	5W / 7W / 9W / 12W / 15W / 18W
LED type	Epistar 2835 / Samsung
Operating temperature	-30 ~ 65o



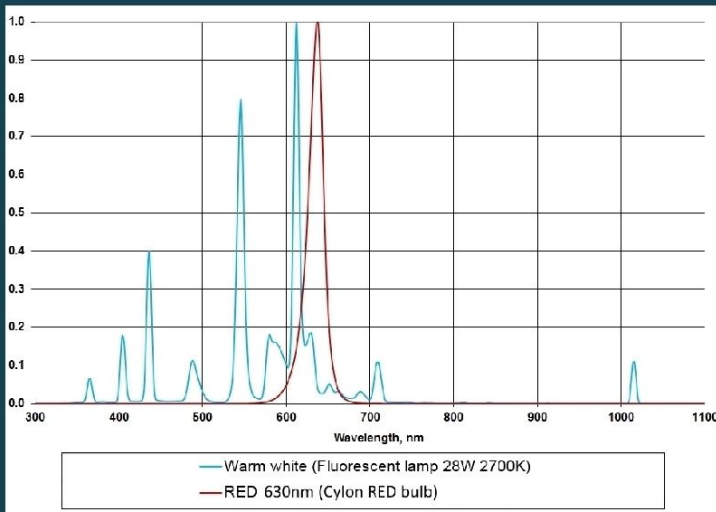
Optical Specifications:

Luminous flux	901±30lm
TYP. Spectrum	Deep red / far red
CRI	>45.88
Beam Angle	270
Lumen maintenance	>97% at 25,000 hours

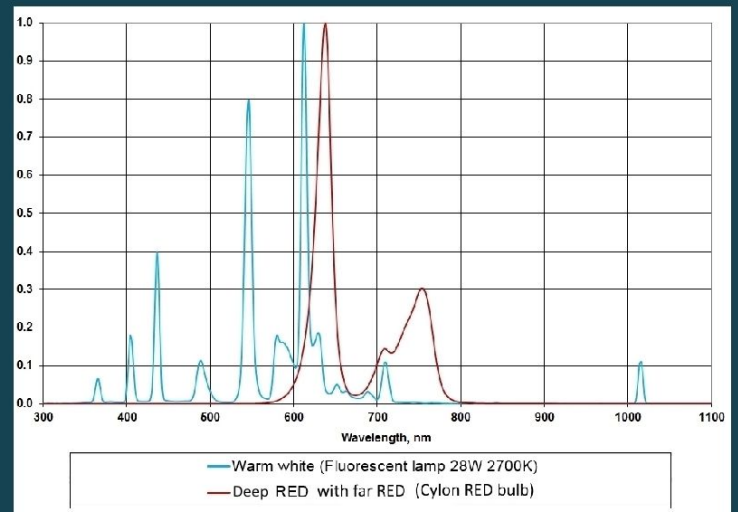


Red Color Light distributions:

Model: CYL-XX
Deep red



Model: CYL-XXF
Deep red + far red



For inquires, Please contact: Ehud@Cylon.co.il / (+972)-524-252-782