

TOPLIGHT

- **FIORE TOPLIGHT:** Uses high power LEDs with spectra adapted to the needs of various crop varieties in different stages of development, from germination to production.
- **FIORE TOPLIGHT:** features an integrated passive cooling system that contributes to an extended and reliable LED life.
- **HOUSING:** Extruded aluminium housing, anodized, non-corrosive, IP66.
- **EFFICIENCY:** LO: Up to 2.4 $\mu\text{mol/Ws}$ @ TLed = 77°F (25°C)
HO: Up to 3.2 $\mu\text{mol/Ws}$ @ TLed = 77°F (25°C)
- **POWER CONSUMPTION:** LO: 100W
HO: 150W
- **POWER SUPPLY:** 120-277V (nominal 230V); 50/60 Hz
347-480V (nominal 400V); 50/60 Hz
- **WEIGHT:** 9 lbs / 4.1 kg



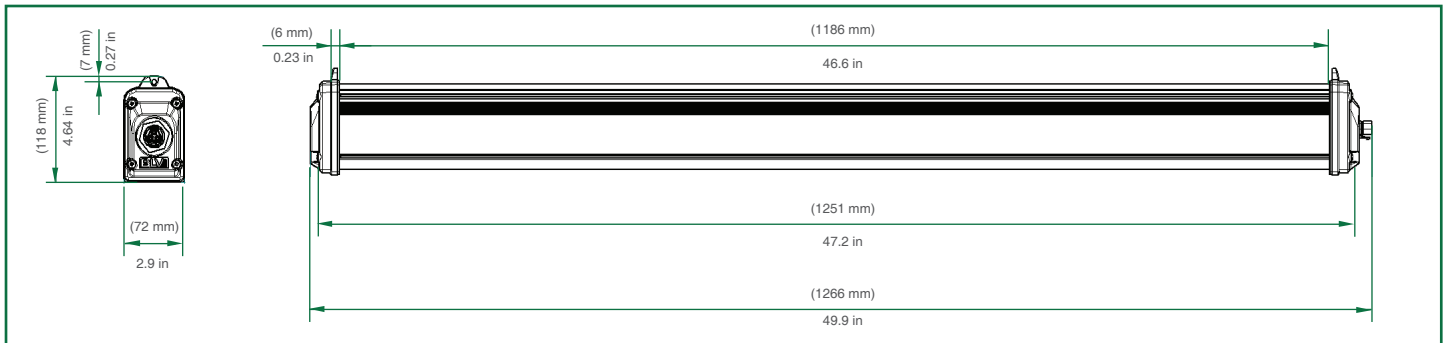
- **APPLICATIONS:** Indoor farms and green houses.
- **WARRANTY:** 5 year warranty.

CONFIGURATIONS

| MODEL | OPERATION | OUTPUT | SPECTRUM | INPUT | MOUNTING |
|----------------|-----------|--------|------------------------------|----------|---------------------|
| FIORE-TOPLIGHT | HT | LO | consult factory ¹ | 120-277V | AC (aviation cable) |
| | | HO | | 347-480V | CH (chain hang kit) |

NOTE 1: Spectrum is calibrated by factory depending on specific crop to be grown.

DIMENSIONS



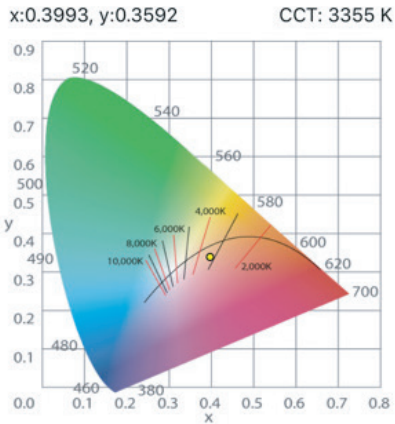
PERFORMANCE

| MODEL | POWER CONSUMPTION (W) | PPF ($\mu\text{mol/sec}$) | L70 (hrs) |
|----------------------|-----------------------|-----------------------------|-----------|
| FIORE-TOPLIGHT-HT-LO | 100 | 350 | >50,000 |
| FIORE-TOPLIGHT-HT-HO | 150 | 450 | >50,000 |

OPTICAL PARAMETERS

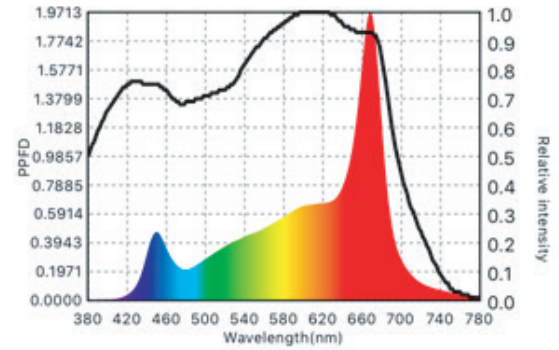
SPECTRUM

CIE1931



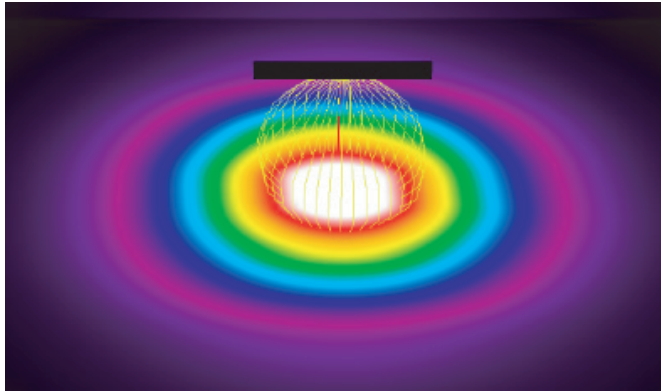
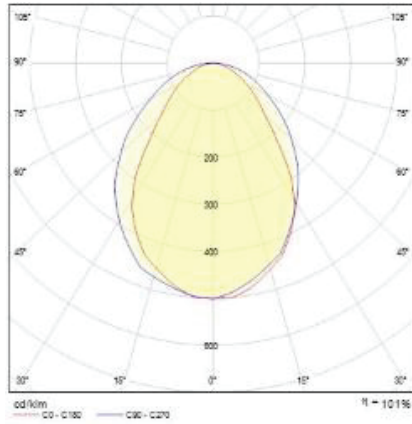
PPFD Spectrum

Ref.: McCREEs ACTION SPECTRUM



LIGHT DISTRIBUTION

STANDARD BEAM ANGLE



| PPFD | |
|------------------------------------|-------|
| <input type="text" value="90.00"/> | 90.00 |
| <input type="text" value="78.75"/> | 78.75 |
| <input type="text" value="67.50"/> | 67.50 |
| <input type="text" value="56.25"/> | 56.25 |
| <input type="text" value="45.00"/> | 45.00 |
| <input type="text" value="33.75"/> | 33.75 |
| <input type="text" value="22.50"/> | 22.50 |
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