



Examples of recommendations for a high light recipe of around 700 $\mu\text{mol m}^{-2} \text{s}^{-1}$.

Calculations made with 10% reflector / wall losses:

400W - 1 x 1 m - 1 m² at a ppfd of ~ 650 $\mu\text{mol m}^{-2} \text{s}^{-1}$

600W - 1.2 x 1.2 m - 1.44 m² at a ppfd of ~ 690 $\mu\text{mol m}^{-2} \text{s}^{-1}$

1000W - 1.5 x 1.5 m - 2.25 m² at a ppfd of ~ 800 $\mu\text{mol m}^{-2} \text{s}^{-1}$

*source: <http://gavita-holland.com/index.php/item/lumens-are-for-humans.html>

IGS1 LED GROW LIGHT RANGE

» IGS1 140 $\mu\text{mol PAR}$ @ 1ft height = 1200+

IGS1 140 1m x 1m @ 2ft height = ppfd 300 $\mu\text{mol m}^{-2} \text{s}^{-1}$ - Seeds & Cuttings

IGS1 140 2.5ft x 2.5ft @ 2.5ft height = ppfd 550 $\mu\text{mol m}^{-2} \text{s}^{-1}$ - Vegetation

IGS1 140 2ft x 2ft @ 1ft height = ppfd 1100 $\mu\text{mol m}^{-2} \text{s}^{-1}$ - Flowers & Fruits

IGS1 140 1.5ft x 1.5ft @ 0.8ft height = ppfd 2000 $\mu\text{mol m}^{-2} \text{s}^{-1}$ - Large Flowers & Fruits

» IGS1 210 $\mu\text{mol PAR}$ @ 1ft height = 1800+

IGS1 210 1.1m x 1.3m @ 2.5ft height = ppfd 350 $\mu\text{mol m}^{-2} \text{s}^{-1}$ Seeds & Cuttings

IGS1 210 2.5ft x 3ft @ 1.5ft height = ppfd 1000 $\mu\text{mol m}^{-2} \text{s}^{-1}$ - Flowers & Fruits

IGS1 210 2.5ft x 3ft @ 1ft height = ppfd 1600 $\mu\text{mol m}^{-2} \text{s}^{-1}$ - Large Flowers & Fruits

IGS1 210 1.5ft x 2ft @ 0.8ft height = ppfd 2150 $\mu\text{mol m}^{-2} \text{s}^{-1}$ - Large Flowers & Fruits

» IGS1 350 $\mu\text{mol PAR}$ @ 1ft height = 3000+

IGS1 350 5ft x 6ft @ 1m height = ppfd 200 $\mu\text{mol m}^{-2} \text{s}^{-1}$ - Seeds & Cuttings

IGS1 350 3ft x 4ft @ 1.5ft height = ppfd 1000 $\mu\text{mol m}^{-2} \text{s}^{-1}$ - Flowers & Fruits

IGS1 350 2ft x 3ft @ 1ft height = ppfd 1600 $\mu\text{mol m}^{-2} \text{s}^{-1}$ - Large Flowers & Fruits

» IGS1 420 $\mu\text{mol PAR}$ @ 1ft height = 3600+

IGS1 420 4.5ft x 5.5ft @ 1m height = ppfd 450 $\mu\text{mol m}^{-2} \text{s}^{-1}$ - Seeds & Cuttings

IGS1 420 3ft x 4ft @ 2ft height = ppfd 1200 $\mu\text{mol m}^{-2} \text{s}^{-1}$ - Flowers & Fruits

IGS1 420 3ft x 3.5ft @ 1.5ft height = ppfd 1600 $\mu\text{mol m}^{-2} \text{s}^{-1}$ - Large Flowers & Fruits

» IGS1 500 $\mu\text{mol PAR}$ @ 1ft height = 4800+

IGS1 500 1.9m x 1.9m @ 1m height = ppfd 380 $\mu\text{mol m}^{-2} \text{s}^{-1}$ - Seeds & Cuttings

IGS1 500 1.3m x 1.3m @ 1.5ft height = ppfd 1200 $\mu\text{mol m}^{-2} \text{s}^{-1}$ - Flowers & Fruits

IGS1 500 1.1m x 1.1m @ 1ft height = ppfd 1560 $\mu\text{mol m}^{-2} \text{s}^{-1}$ - Large Flowers & Fruits

1ft	1.5ft	2ft	3ft	4ft	5ft
30cm	45cm	60cm	91cm	121cm	152cm
12in	18in	24in	36in	48in	60in

*rounded up or down to nearest measurements

• 200 μmol - Seeds and Cuttings • 650-800 μmol - Vegetation • 1000-1200 μmol - Flower

RISE LED GROW LIGHT RANGE

» RISE 250 $\mu\text{mol PAR}$ @ 1ft height = 2400+

RISE 250 1.7m x 1.7m @ 1m height = ppfd 226 $\mu\text{mol m}^{-2} \text{s}^{-1}$ - Seeds & Cuttings

RISE 250 3ft x 3ft @ 1.5ft height = ppfd 1020 $\mu\text{mol m}^{-2} \text{s}^{-1}$ - Flowers & Fruits

RISE 250 2.7ft x 2.7ft @ 1ft height = ppfd 1590 $\mu\text{mol m}^{-2} \text{s}^{-1}$ - Large Flowers & Fruits

» RISE 600 $\mu\text{mol PAR}$ @ 1ft height = 4850+

RISE 600 1.4m x 1.4m @ 2.7ft height = ppfd 580 $\mu\text{mol m}^{-2} \text{s}^{-1}$ - Seeds & Cuttings

RISE 600 1.2m x 1.2m @ 2ft height = ppfd 1000 $\mu\text{mol m}^{-2} \text{s}^{-1}$ - Flowers & Fruits

RISE 600 1m x 1m @ 1.5ft height = ppfd 1564 $\mu\text{mol m}^{-2} \text{s}^{-1}$ - Large Flowers & Fruits

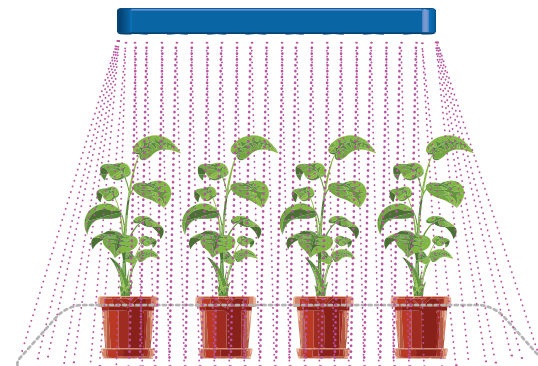
RISE 600 3.5ft x 3.5ft @ 1ft height = ppfd 2035 $\mu\text{mol m}^{-2} \text{s}^{-1}$ - Large Flowers & Fruits

» RISE 1000 $\mu\text{mol PAR}$ @ 1ft height = 8150+

RISE 1000 2.6m x 2.6m @ 1.2m height = ppfd 250 $\mu\text{mol m}^{-2} \text{s}^{-1}$ - Seeds & Cuttings

RISE 1000 1.3m x 1.3m @ 2ft height = ppfd 1625 $\mu\text{mol m}^{-2} \text{s}^{-1}$ - Large Flowers & Fruits

RISE 1000 1.1m x 1.1m @ 1ft height = ppfd 2145 $\mu\text{mol m}^{-2} \text{s}^{-1}$ - Large Flowers & Fruits



Place IGS1 LEDs at least 45cm (18") from your plants for best results.

Perfect for plants 91cm-122cm (36"-48") in height.

Perfect for multi-level growing.