

## LEDVANCE Luminaires

### GROW LIGHT

PERFORMANCE CLASS

#### Application

The LEDVANCE GROW LIGHT is the ideal solution for green houses and vertical farms. It replaces natural light and helps promote plant growth.

#### Benefits and Features

- Indoor spectrum: peak values for red (660nm) and blue (450nm) light that helps promote plant growth all year round
- Dimmable 0-10V to maximize energy savings
- Interconnectable (up to 4 luminaires in 480W, three in 660W and two in 960W) via AC connector on the right side of the luminaire
- Interconnectable up to 20 luminaires via RJ-12
- Looks white to the eyes
- Lower heat generation, longer life, and lower maintenance costs compared to traditional grow lights
- Easy to install
- Efficacy: 2.7  $\mu\text{mol/J}$
- Higher output levels at higher efficacy
- Boost function to maximize the growth during fruiting stage
- CRI >80
- Beam angle: 120°
- IP40/Damp rated

#### Electrical

- 120-277V<sub>AC</sub>
- Power factor >0.9
- THD <20%
- Dimmable 0-10V

#### Rated Life

- 50,000 hours (L<sub>70</sub>)

#### Warranty

- 5-year (with 24/7 operation at 25°C)

#### Ambient Operating Range

- -40°F to +133°F (-40°C to +50°C)



#### Certifications and Listings

- cETLus
- RoHS
- FCC
- Damp rated

#### Installation

- Suspended mounting
- Foldable design



## Specification Data

Catalog #	Type
Project	
Comments	
Prepared by	

## Ordering Guide

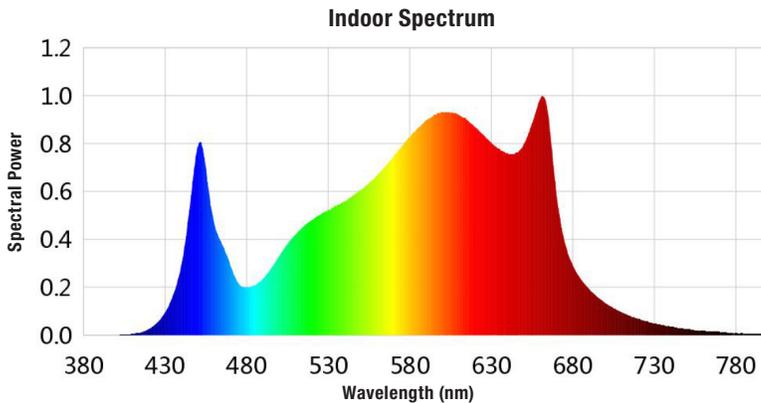
GROWREC	1A	XXX	XXX	D	8	IS	XX	SV
Product Name	Generation	Wattage	Voltage	Dimming	CRI	Color Temp (CCT)	Dimensions	Color/Finish
GROWREC = Grow	1A	480 = 480W 660 = 660W 960 = 960W	UNV = 120-277V	D = 0-10V	8 = >80	IS = Indoor Spectrum	34 = 3x4 44 = 4x4 45 = 4x5	SV = Silver

## Ordering Information

Item Number	Ordering Abbreviation	Power (W)	Input Voltage	Dimming	CRI	Color Temp (CCT)	Photosynthetic Photon Flux	DLC	Options	MTO*
62262	GROWREC1A480UNVD8IS34SV	480	120-277V	0-10V	80	Indoor Spectrum	1248 $\mu\text{mol/s}$	-	-	-
62263	GROWREC1A660UNVD8IS44SV	660	120-277V	0-10V	80	Indoor Spectrum	1716 $\mu\text{mol/s}$	-	-	MTO
62264	GROWREC1A960UNVD8IS45SV	960	120-277V	0-10V	80	Indoor Spectrum	2496 $\mu\text{mol/s}$	-	-	-

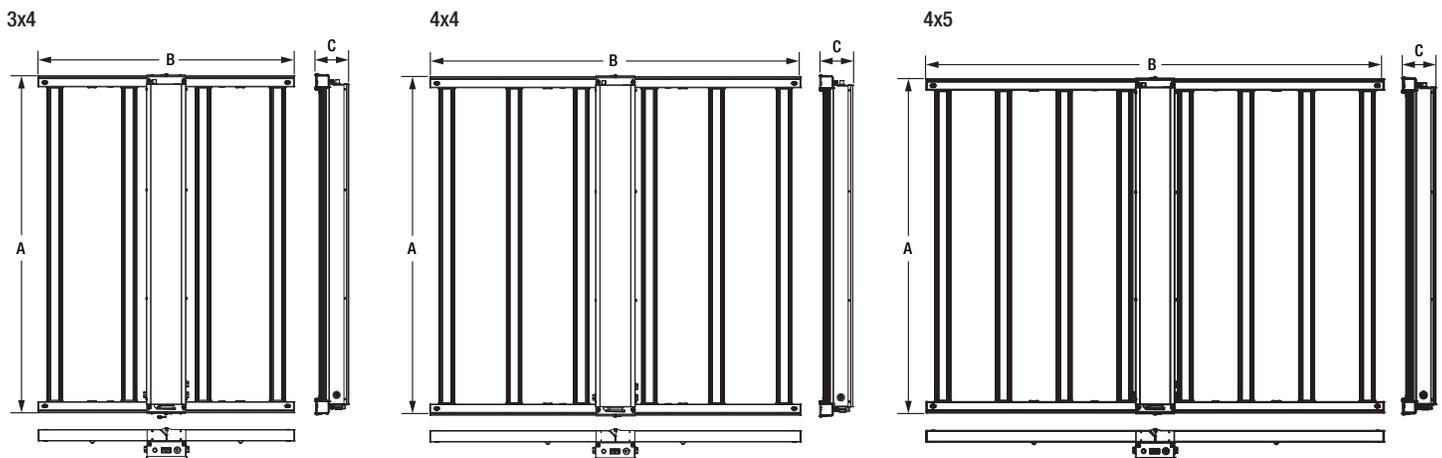
\*Made To Order

## Spectrum Information



## Physical Information

Lamp Description	(A) Length in (mm)	(B) Width in (mm)	(C) Height in (mm)
3x4	42.8 (1087)	32.5 (826)	4.3 (108)
4x4	42.8 (1087)	46.9 (1190)	4.3 (108)
4x5	42.8 (1087)	58.7 (1490)	4.3 (108)



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