



specifications

Consumption	Voltage	CRI	Lens	Heat Sink	L70 hours	Dimming	Ambient Temp (F)	Power Factor	UL listing	THC	Beam Angle	Enclosed Fixture Rated
640W	100 - 277 V ⚡	> 80	clear polycarbonate	copper pipe	50,000	0-10V dimmable	-4° - 104°	> 0.9	wet location	< 20%	120°	no

select your lamp

Part Number	Color Temp	PPFD	Efficacy
GI-LGL-FS1200-UL4	FULL SPECTRUM	1664 umol/s	2.5 - 2.8 umol

Target PPFD			
Plant Type	umol /m²/s	Hours / Day	Average DLI (mol / m² / day)
Seedlings / cuttings	50 - 100	18	3 - 6
Microgreens	100 - 200	18	6 - 12
Leafy Greens	200 - 250	18	12 - 6
Vegetative Growth	250 - 450	18	16 - 26
Flowers / Fruits	250 - 500	18	16 - 32
Cannabis Flower	500 - 1000+	12	22 - 43

DLI : Daily Light Integral
The total amount of photos in the PAR range that lands on a target point over the course of 24 hours, as expressed in moles per square meter per day.

other

Dimensions	Warranty	Gross Weight	Case QTY
45.67 X 43.9 X 2.87	6 years	22lbs	8 pcs



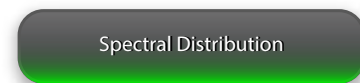
Mounting Chain



Power Cord

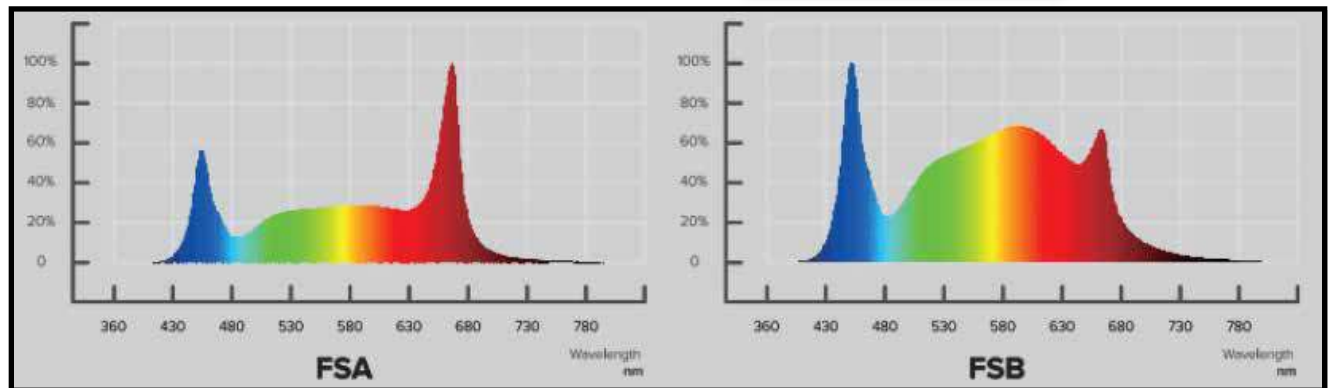


Dimming Wire



Features

- 6 Year warranty
- 50,000 hour LED lifespan based on IES LM-80 results and TM-21 calculations
- 8.2' power cord, mounting chain & dimming wire included
- IP65 Rated for wet locations



Not all product variations listed on this page may be DLC qualified. Visit www.designlights.org/search to confirm qualification.





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LED GROW LIGHTS
LARGE / FULL SPECTRUM



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