

NEOPAR

ULTRA-SLIM DESIGN FOR VEGETATION & FLOWERING IN A VERTICAL RACK



FEATURES & SPECIFICATIONS

General Description

The NeoPAR is ideal for vertical rack and low mounting height applications. The NeoPAR 7 is designed to deliver high levels of photosynthetic photon flux (PPF) to produce quality flowering. The NeoPAR 5 allows for appropriate light levels during vegetation. The NeoPAR series provides the thinnest profile available with an onboard power pack. This slim design delivers unsurpassed light uniformity for damp locations. The NeoPAR series arrives fully assembled to limit labor cost with simple installation.

Mechanical Construction

The fully assembled product is a slim design compatible for different types of vertical farming. The overall size of the product is 45"x42"x3". The 7 LED bars mount to a structurally safe back plate. The LED bars are 3/8" thick x 2.65" wide x 45" long. The back plate spans across the equally spaced LED bars

which houses the LED drivers, wiring and any controls systems that may be used as add on accessories. The entire assembly is very simple and can be upgraded as each of the LED bars can be independently removed for upgrades such as higher output LED's or color LED's. The product is easy to install using standard mechanical fastening systems.

Power Consumption

60-90 watts per bar configuration.

Testing & Compliance

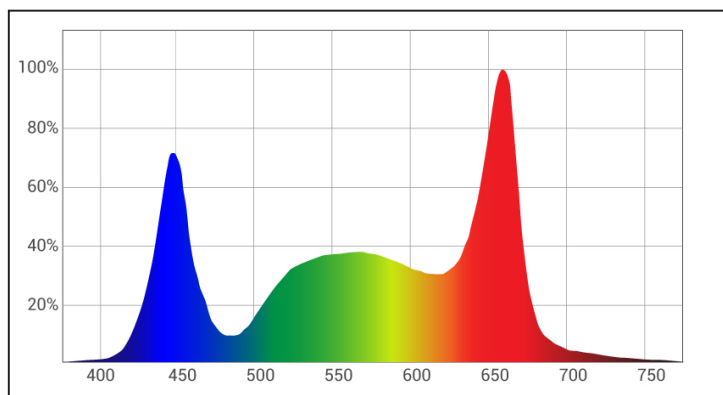
- RoHS compliant
- ETL listing for damp locations
- 5-year warranty
- 50,000 hour life



Manufactured in Austin, TX



SPECTRUM



X6 for Indoor

This full spectrum maximizes red and blue nm wavelengths to allow for optimal chlorophyll A and B absorption with a balance of green wavelengths to allow much deeper canopy penetration. Specifically formulated for indoor grow environments, this spectrum fosters photosynthesis in all stages, from propagation to flowering.

NeoPAR 7

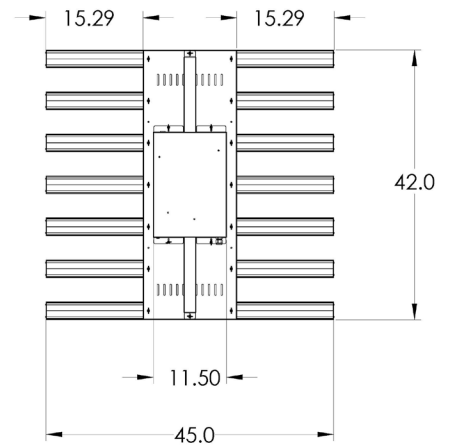
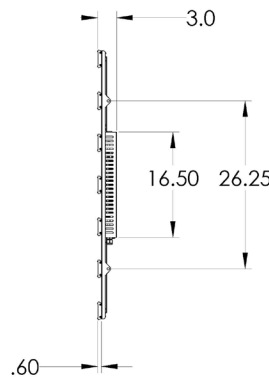
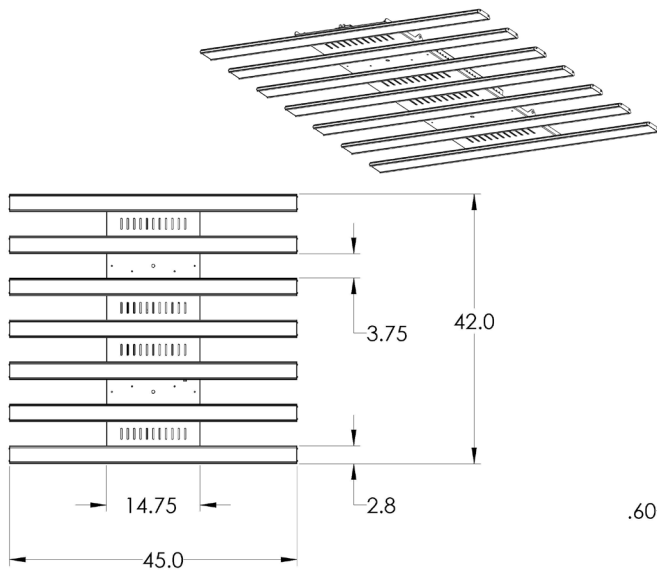
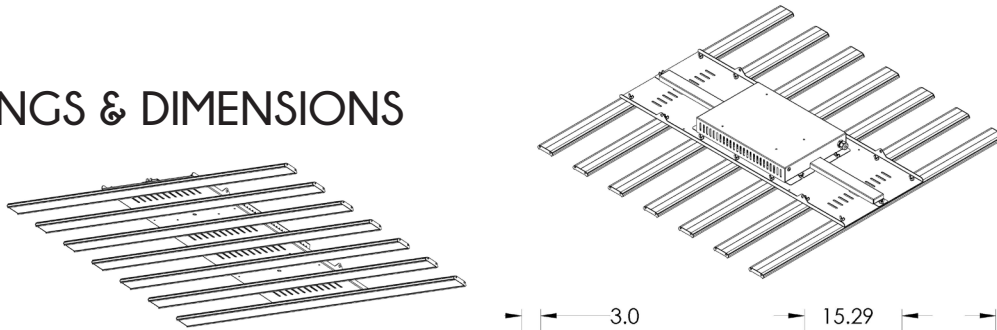
PART NUMBER ORDERING GUIDE

Series	# of bars	Output	Beam Angle	Lens/IP	Spectrum	Voltage	Dimming	Cord	Plug
DH NeoPAR	7 Flower	S Standard	12 120° beam	NL No Lense	X6 Full	U 120-277 H 277-480	D 0-10	5 (ft)	Blank None
								10 (ft)	P120
									P240
									P277

SPECIFICATION

	Standard				
Input Voltage	120 VAC	240 VAC	277 VAC	347 VAC	480 VAC
PPF	1400				
Efficiency	2.19 µmol/J	2.26 µmol/J	2.28 µmol/J	2.20 µmol/J	2.23 µmol/J
Power Consumption	640 W	619 W	613 W	635 W	628 W
Current	5.30 A	2.64 A	2.38 A	1.34 A	1.85 A
BTU/hr	2182.4	2110.8	2090.3	2165.4	2141.5
Dimensions	45" x 42" x 3"				
Estimated Weight	32.5 lbs				
Ambient Temp	-4°F to 104°F (-20°C to 40°C)				

LINE DRAWINGS & DIMENSIONS



NeoPAR 5

PART NUMBER ORDERING GUIDE

Series	# of bars	Output	Beam Angle	Lens/IP	Spectrum	Voltage	Dimming	Cord	Plug
DH NeoPAR	5 Veg	S Standard	12 120° beam	NL No Lense	X6 Full	U 120-277 H 277-480	D 0-10	5 (ft)	Blank None
								10 (ft)	P120
									P240 P277

SPECIFICATION

	Standard			
Input Voltage	120 VAC	240 VAC	277 VAC	277-480 VAC
PPF	735			COMING SOON
Efficiency	2.36 µmol/J	2.43 µmol/J	2.46 µmol/J	
Power Consumption	312 W	301 W	299 W	
Current	2.61 A	1.28 A	1.12 A	
BTU/hr	1063.9	1026.4	1019.6	
Dimensions	45" x 42" x 3"			
Estimated Weight	25 lbs			
Ambient Temp	-4°F to 104°F (-20°C to 40°C)			

LINE DRAWINGS & DIMENSIONS

