

CLAIR

クリア®

High-BayLED

**Value**  
series

LED Replacements for HID Lighting

*LED is the Future of Lighting*

 **NIINUMA**

<http://led-clair.jp/eng>

## VS series

### Socket Type

(suitable for E39 socket Lamp)

Compact yet Light Weight

**400 Value VS300-400-50YT**

[Equivalent to 400W HID]

**90W** (Power consumption) **940g** (Weight of Lamp unit)



\*Please use the included Safety Wires that are required to secure the unit and prevent possible droppage.

**700 Value VS300-700-50YT**

[Equivalent to 700W HID]

**150W** (Power consumption) **1520g** (Weight of Lamp unit)



\*Please use the included Safety Wires that are required to secure the unit and prevent possible droppage.

### Length of Socket

These lengths are available for the S Series Sockets.



## VTU series

### Pendant Type

Hang from Ceiling

LED Drive may be attached or separate from Lamp Unit.

**400 Value VTU-400-50YT**

[Equivalent to 400W HID]

**90W** (Power consumption) **2410g** (Total weight of Lamp unit, LED Driver and Bracket)



**700 Value VTU-700-50YT**

[Equivalent to 700W HID]

**150W** (Power consumption) **2990g** (Total weight of Lamp unit, LED Driver and Bracket)



### Options

Select from Various Options

### Lens

Transparent lens

[Standard]



Glare lens

Beam Angle  
150°



# LED Replacements for HID Lighting

Factory / Warehouse / Stadium / Shopping Mall / Sport hall.... etc

## VFR series

### Eye-Bolt Type

Suitable for hanging down from ceiling by using a Chain

**400 Value** VFR-400-50YT

[Equivalent to 400W HID]

**90W** (Power consumption) **910g** (Weight of Lamp unit)



\*Chain sold separately

\*Please use the included Safety Wires that are required to secure the unit and prevent possible droppage.



LED Driver

\* LED Driver can be separated from Lamp unit

**700 Value** VFR-700-50YT

[Equivalent to 700W HID]

**150W** (Power consumption) **1490g** (Weight of Lamp unit)



\*Chain sold separately

\*Please use the included Safety Wires that are required to secure the unit and prevent possible droppage.



LED Driver

\* LED Driver can be separated from Lamp unit

## VNA series

### Flood Type

Suitable for Outdoor Lighting  
Can be Mounted on a Pole or Wall.

**400 Value** VNA-400-50YT

[Equivalent to 400W HID]

**90W** (Power consumption) **3510g** (Total weight of Lamp unit, LED Driver and Bracket)



LED Driver

Back view

**700 Value** VNA-700-50YT

[Equivalent to 700W HID]

**150W** (Power consumption) **4090g** (Total weight of Lamp unit, LED Driver and Bracket)



LED Driver

Back view

\*Colors other than 5000K will be order-made.

### Colour Temperature

**5000K**

[Standard]



**4000K**

(Option)



**3000K**

(Option)



**2400K**

(Option)



**LED Lamp**

**VS300**

**400**

**50**

**Y**

**T**

**Product Spec:**

**VS300** : 300mm socket type(standard)  
**VS180** : 180mm socket type  
**VS400** : 400mm socket type  
**VNA** : Flood Type  
**VTU** : Pendant Type  
**VFR** : Eye Bolt Type

**Product Type:**

**700** : 700 Type  
**400** : 400 Type

**Colour Temperature**

**50** : 5000K(Standard)  
**40** : 4000K  
**30** : 3000K  
**24** : 2400K

**Beam Angle**

**Y** : 100° Lens

**Lens Type**

**T** : Transparent(Standard)  
**K** : Glare  
 [Beam Angle 150°]

\* Chain sold separately

**Specification of LED Lamp**

Product Name	High-Bay LED 400 (Value)	High-Bay LED 700 (Value)
	Equivalent to 400W HID	Equivalent to 700W HID
Model Name	VS300-400-50YT(Standard)	VS300-700-50YT(Standard)
Dimensions	Φ224mm×300mm	Φ299mm×300mm
Weight	940g	1520g
Power Consumption	90W	150W
Luminous Flux (Product output) **	9500lm	15800lm
Colour Temperature (CCT)	5000K (Option:3000K or 4000K)	5000K (Option:3000K or 4000K)
Colour Rendering Index (CRI)	Ra70	Ra70
Socket	E39	E39
Socket Size	300mm (option 180mm or 400mm)	300mm (option 180mm or 400mm)
Beam Angle	100°	100°
Lens Type	Transparent (Option: Glare Lens 150°)	Transparent (Option: Glare Lens 150°)
Working Temperature	-20~ +60°C	-20~ +60°C
Life Span	50000h	50000h
Warranty Period	3 Years	3 Years

**Specification of LED DRIVER**

Product Name	90W LED DRIVER	150W LED DRIVER
Model Name	NSP400-90	NSP700-150
Constant AC Supply	AC100V/200V/220V	AC100V/200V/220V
Dimensions	75mm×44mm×243mm	75mm×44mm×243mm
Weight	1400g	1450g
Input Voltage	AC100V~AC254V	AC100V~AC254V
Frequency	50Hz/60Hz	50Hz/60Hz
Input Current	0.9A(100V) 0.45A(200V)	1.50A(100V) 0.75A(200V)
Output voltage	DC43V	DC43V
IP Rating	IP67	IP67
Power Efficiency	100V:99%/200V:98%	100V:99%/200V:98%
Certification Specification	PSE Certified	PSE Certified

\*Luminous Flux Data is a running average taken from sample units. \*The above product specifications were updated in October, 2014. Product specifications are subject to change without prior notice.

\*Some products options may be made-to-order. \*Not suitable for use in conditions with high humidity or where grease and soot may accumulate.

**Development & Manufacture**



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