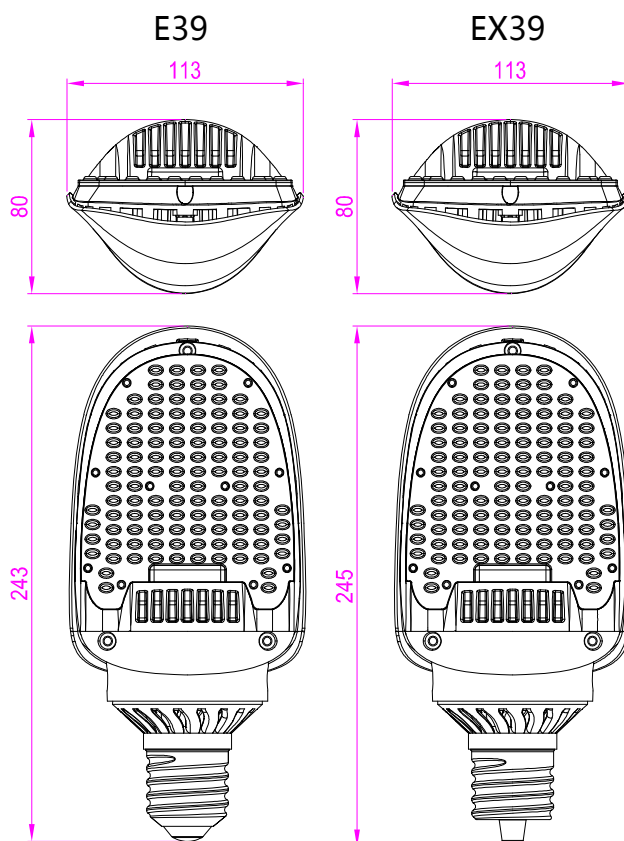




# L.E.D. Retrofit Lamp Series



**NAME:** LED Retrofit Kit

**Cat:** VNC-CLH-36W1A1Y

Note : The Letter Y in P/N stands for Lamp base type, "-E" for E39 lamp base, "-EX" for EX39 lamp base.

## Advantage

- UL、CUL、DLC certificate
- PHILIPS LUMILEDS chip, high CRI.
- 90\*150 degree, TYPE III.
- Internal driver, input voltage AC100-277V.
- E39、EX39 lamp base.
- Lamp Base: 270 degree rotated.
- New style and high efficient wide-range input.
- Long lifespan and good heat dissipation.
- Direct replacement for Metal Halide, easy Installation.
- Fits many different fixtures to replace traditional lamps.

## Application

Replacement Lamps for Outdoor Pole/Arm-mounted Area and Roadway Luminaires(Type B).

# TECHNICAL DATA SHEET

PRODUCT SPECIFICATIONS		
Product name	LED Retrofit Kit	
Part No	VNC-CLH-36W1A1-E	VNC-CLH-36W1A1-E
Lamp Base	E39	X EX39
Dimension	243*113*80 MM	245*113*80 MM
Technical Characteristic		
Color temperature	4000K、5000K、5700K	
CRI	> 70	
Lumen-In Luminaires	4000-4300 LM	
Lumen Efficacy-In Luminaires	110-120 LM/W	
Input Power	36W	
Viewing Angle	90*150degree(TypeⅢ)	
Input Voltage	AC100-277V 50/60Hz	
PFC	>0.9	
Equivalent	80W CFL , 150W MHL/HPS/HID	
Waterproof Rating	IP51	
MATERIALS		
LED Brand	PHILIPS LUMILEDS	
LED Type	LUXEON 3030 2D ( 1.5W )	
LED QTY	84 PCS	
Housing	Magnesium Alloy+AL+PC	
Housing color	Black+Silver	
OTHERS		
Operating Temperature	-20℃ TO 45℃	
Operating Humidity	20%-70% RH	
Storage Temperature	-30℃ TO 80℃	
Storage Humidity	10%-75% RH	
Application	Replacement Lamps for Outdoor Pole/Arm-mounted Area and Roadway Luminaires	
Safety Certification	UL、CUL、DLC	
Warranty Time	5 Years	

# TECHNICAL DATA SHEET

Remark: The testing data comes from the product in luminaires.

DATA OF LAMP		PHOTOMETRIC DATA <span style="float: right;">Eff: 119.80 lm/W</span>			
MODEL		I <sub>max</sub> (cd)	1350	S/MH (C0/180)	1.39
NOMINAL POWER (W)	36	LOR (%)	100.0	S/MH (C90/270)	1.15
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	4008.5	η UP, DN (C0-180)	0.0, 62.9
NOMINAL FLUX (lm)	4008.52	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.1, 37.0
LAMPS INSIDE	1	η up (%)	0.1	CIBSE SHR NOM	1.50
TEST VOLTAGE (V)	120.0	η down (%)	99.9	CIBSE SHR MAX	1.55

