

LED CORN LIGHT

Product Descriptions

INTENDED Purchase - The LED Corn bulbs is light for replace traditional 360 degree lights such as metal halide,CFL,HID, HPS for parking lot,gas station,warehouse indoor and outdoor energy saving purpose.Design install into existing fixture with cost-effective solution.

STRUCTURE -Fin heatsink sunon fan active cooling solution,PC cover protect LEDs from dust,insect and humidity working environment.Driver fully sealed by thermal paste with function to disperse heat into outside Adopt 150LM/W LED chips improve light efficiency.

OPTICS - Milky and Transparent PC cover for choice range from 30W~ 300W with E26,E27, E39,E40 socket for choice in different application sealed or open fixture.

ELECTRICAL - Standard 6kV surge protection,regular input voltage 100~ 277V,no ballast need.

INSTALLATION - Easily fitted in traditional fixture instead of MHL and HPS.

LISTINGS - UL,cUL,DLC certification approved.
Suitable for sealed,dry,humidity working environment from -40°C up to 45°C.

WARRANTY - 5 years warranty.
Replaceable driver part design.Free provide materials replacement easy for customer replace.
We will responsible if damaged or quality problem.
like damaged under shipment. Screws loosen.Driver problem.



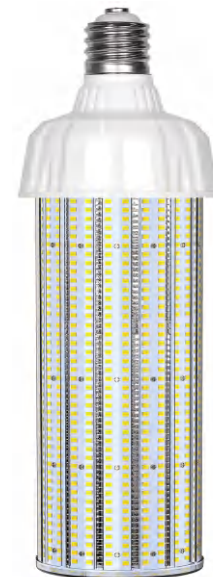
80W

100W

120W

Features

E39 E40 Mogul screw base
UL, CUL, DLC approved
100~277V, 480V, 347V high voltage input
Sunon Fan active cooling
360° Degree Beam Angle
Aluminum fin heat sink
PC Cover milky&clear
6K High voltage surge test approved
SMD2835 150lm/w led chips
50,000hrs lifespan
Top Brand Rubycon Capacitor
OEM special design company logo
No UV or IR radiation
No magnetic disturbance driver design
Replace 100~1000W metal halide/HPS
Application in warehouse, parking lot, street, gas station etc..



160W

200W

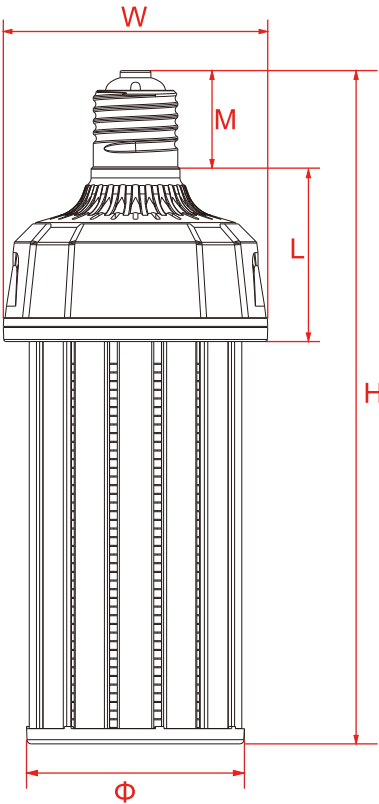
250W

300W

Series	Lumens	Base	Beam Angle (Degree)	Electrical Data	LED Type	Color Temperature	Color Rendering Index	Ambient Temperature	Protection Grade	Material
WL-80W14S	12000Lm	E39 E40	360 degree Beam Angle	Input Voltage AC100-277V 50~60Hz Power Factor(%) >90	610PCS SMD 2835 Chips	WW 2800~3200 K NW 4000~4500 K DW 5000~5500 K CW 6000~6500 K	Ra>80	-30~55 C	IP44	PBT+Aluminum
WL-100W14S	15000Lm	E39 E40	360 degree Beam Angle	Input Voltage AC100-277V 50~60Hz Power Factor(%) >90	644PCS SMD 2835 Chips	WW 2800~3200 K NW 4000~4500 K DW 5000~5500 K CW 6000~6500 K	Ra>80	-30~55 C	IP44	PBT+Aluminum
WL-120W14S	18000Lm	E39 E40	360 degree Beam Angle	Input Voltage AC100-277V 50~60Hz Power Factor(%) >90	840PCS SMD 2835 Chips	WW 2800~3200 K NW 4000~4500 K DW 5000~5500 K CW 6000~6500 K	Ra>80	-30~55 C	IP44	PBT+Aluminum
WL-160W16S	24000Lm	E39 E40	360 degree Beam Angle	Input Voltage AC100-277V 50~60Hz Power Factor(%) >90	1232PCS SMD 2835 Chips	WW 2800~3200 K NW 4000~4500 K DW 5000~5500 K CW 6000~6500 K	Ra>80	-30~55 C	IP44	PBT+Aluminum
WL-200W16S	30000Lm	E39 E40	360 degree Beam Angle	Input Voltage AC100-277V 50~60Hz Power Factor(%) >90	1232PCS SMD 2835 Chips	WW 2800~3200 K NW 4000~4500 K DW 5000~5500 K CW 6000~6500 K	Ra>80	-30~55 C	IP44	PBT+Aluminum
WL-250W16S	37500Lm	E39 E40	360 degree Beam Angle	Input Voltage AC100-277V 50~60Hz Power Factor(%) >90	1652PCS SMD 2835 Chips	WW 2800~3200 K NW 4000~4500 K DW 5000~5500 K CW 6000~6500 K	Ra>80	-30~55 C	IP44	PBT+Aluminum
WL-300W16S	45000Lm	E39 E40	360 degree Beam Angle	Input Voltage AC100-277V 50~60Hz Power Factor(%) >90	1919PCS SMD 2835 Chips	WW 2800~3200 K NW 4000~4500 K DW 5000~5500 K CW 6000~6500 K	Ra>80	-30~55 C	IP44	PBT+Aluminum

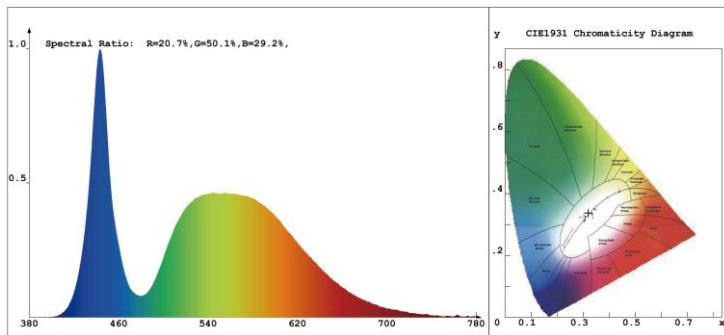
Series	Lumens	Base	Beam Angle (Degree)	Electrical Data	LED Type	Color Temperature	Color Rendering Index	Ambient Temperature	Protection Grade	Material
WL-80WH14S	12000Lm	E39 E40	360 degree Beam Angle	Input Voltage AC200-480V 50~60Hz Power Factor(%) >90	610PCS SMD 2835 Chips	WW 2800~3200 K NW 4000~4500 K DW 5000~5500 K CW 6000~6500 K	Ra>80	-30~55 C	IP44	PBT+Aluminum
WL-100WH14S	15000Lm	E39 E40	360 degree Beam Angle	Input Voltage AC200-480V 50~60Hz Power Factor(%) >90	644PCS SMD 2835 Chips	WW 2800~3200 K NW 4000~4500 K DW 5000~5500 K CW 6000~6500 K	Ra>80	-30~55 C	IP44	PBT+Aluminum
WL-120WH14S	18000Lm	E39 E40	360 degree Beam Angle	Input Voltage AC200-480V 50~60Hz Power Factor(%) >90	840PCS SMD 2835 Chips	WW 2800~3200 K NW 4000~4500 K DW 5000~5500 K CW 6000~6500 K	Ra>80	-30~55 C	IP44	PBT+Aluminum
WL-160WH16S	24000Lm	E39 E40	360 degree Beam Angle	Input Voltage AC200-480V 50~60Hz Power Factor(%) >90	1232PCS SMD 2835 Chips	WW 2800~3200 K NW 4000~4500 K DW 5000~5500 K CW 6000~6500 K	Ra>80	-30~55 C	IP44	PBT+Aluminum
WL-200WH16S	30000Lm	E39 E40	360 degree Beam Angle	Input Voltage AC200-480V 50~60Hz Power Factor(%) >90	1232PCS SMD 2835 Chips	WW 2800~3200 K NW 4000~4500 K DW 5000~5500 K CW 6000~6500 K	Ra>80	-30~55 C	IP44	PBT+Aluminum
WL-250WH16S	37500Lm	E39 E40	360 degree Beam Angle	Input Voltage AC200-480V 50~60Hz Power Factor(%) >90	1652PCS SMD 2835 Chips	WW 2800~3200 K NW 4000~4500 K DW 5000~5500 K CW 6000~6500 K	Ra>80	-30~55 C	IP44	PBT+Aluminum

DIMENSION



Series	Φ	W	M	L	H
WL-80W14S	3.937" (100MM)	4.8" (122MM)	1.77" (45MM)	3.15" (80MM)	10.35" (262.8MM)
WL-100W14S	3.937" (100MM)	4.8" (122MM)	1.77" (45MM)	3.15" (80MM)	11.13" (282.8MM)
WL-120W14S	3.937" (100MM)	4.8" (122MM)	1.77" (45MM)	3.15" (80MM)	12.31" (312.8MM)
WL-160W16S	4.4" (112MM)	5.24" (133MM)	1.77" (45MM)	3.15" (80MM)	13.50" (342.8MM)
WL-200W16S	4.4" (112MM)	5.24" (133MM)	1.77" (45MM)	3.15" (80MM)	13.48" (342.5MM)
WL-250W16S	4.4" (112MM)	5.24" (133MM)	1.77" (45MM)	3.15" (80MM)	13.48" (342.5MM)
WL-300W16S	4.4" (112MM)	5.24" (133MM)	1.77" (45MM)	3.15" (80MM)	14.67" (372.5MM)
WL-80WH14S	3.937" (100MM)	4.8" (122MM)	1.77" (45MM)	3.15" (80MM)	10.35" (262.8MM)
WL-100WH14S	3.937" (100MM)	4.8" (122MM)	1.77" (45MM)	3.15" (80MM)	11.13" (282.8MM)
WL-120WH14S	3.937" (100MM)	4.8" (122MM)	1.77" (45MM)	3.15" (80MM)	12.31" (312.8MM)
WL-160WH16S	4.4" (112MM)	5.24" (133MM)	1.77" (45MM)	3.15" (80MM)	12.31" (312.8MM)
WL-200WH16S	4.4" (112MM)	5.24" (133MM)	1.77" (45MM)	3.15" (80MM)	13.48" (342.5MM)
WL-250WH16S	4.4" (112MM)	5.24" (133MM)	1.77" (45MM)	3.15" (80MM)	13.48" (342.5MM)

WL-80W



Chroma Parameters

Chro.Coord.:x=0.3200 y=0.3377 u=0.1996 v=0.3160 duv=0.0040
 CCT: 6082K Dominant Wave.:496.0nm Purity:4.2%
 Flux RGB Ratio:R=12.5%,G=85.2%,B=2.3% Peak Wave:443.5nm Half Width:18.9nm

Rendering Index:Ra= 71.2

R1 =70 R2 =73 R3 =76 R4 =73 R5 =72 R6 =67 R7 =78 R8 =60
 R9 =0 R10=38 R11=74 R12=47 R13=69 R14=87 R15=64

Photo Parameters

Flux:11092.89lm Effi.:124.8lm/W Radiant:31003.4mW Ri:0.0mW/sr

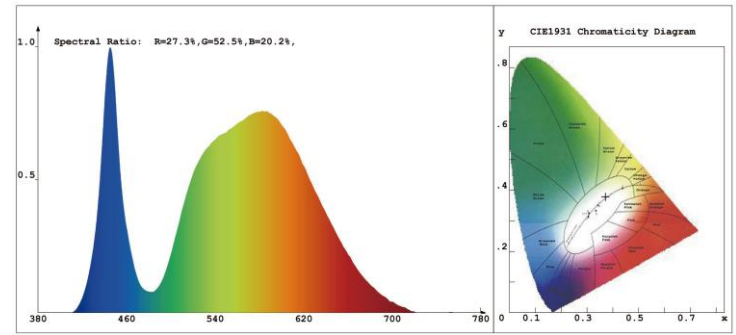
Ele. Parameters

Voltage:U=220.400V Current:I=0.4180A
 Power:P=88.87W Power Factor:PF=0.962

Instrument state

Instrument:Hopoo HP8000S Integral Time: 1.524ms VPeak: 13384
 VDark: 1234 Scan Range: 380-780nm Product ID: 201308416

WL-100W



Chroma Parameters

Chro.Coord.:x=0.3719 y=0.3787 u=0.2188 v=0.3341 duv=0.0035
 CCT: 4251K Dominant Wave.:576.1nm Purity:25.3%
 Flux RGB Ratio:R=15.7%,G=82.7%,B=1.6% Peak Wave:445.6nm Half Width:18.9nm

Rendering Index:Ra= 70.3

R1 =66 R2 =74 R3 =81 R4 =73 R5 =69 R6 =68 R7 =80 R8 =52
 R9 =0 R10=40 R11=69 R12=40 R13=66 R14=89 R15=59

Photo Parameters

Flux:13442.61lm Effi.:131.0lm/W Radiant:34149.4mW Ri:0.0mW/sr

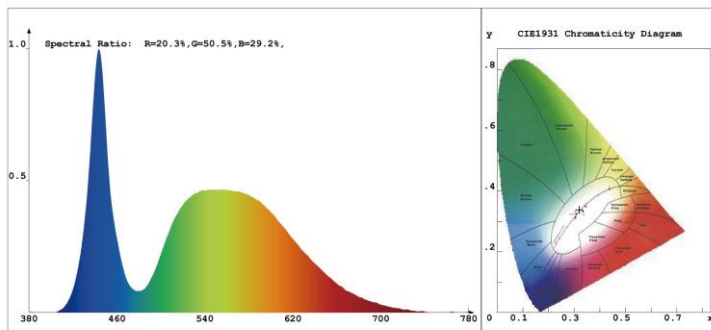
Ele. Parameters

Voltage:U=220.400V Current:I=0.4780A
 Power:P=102.60W Power Factor:PF=0.972

Instrument state

Instrument:Hopoo HP8000S Integral Time: 2.072ms VPeak: 14944
 VDark: 1212 Scan Range: 380-780nm Product ID: 201308416

WL-120W



Chroma Parameters

Chro.Coord.:x=0.3201 y=0.3384 u=0.1994 v=0.3162 duv=0.0043
 CCT: 6075K Dominant Wave.:496.7nm Purity:4.2%
 Flux RGB Ratio:R=12.5%,G=85.2%,B=2.4% Peak Wave:443.5nm Half Width:19.1nm

Rendering Index:Ra= 71.0

R1 =70 R2 =73 R3 =77 R4 =73 R5 =72 R6 =66 R7 =78 R8 =59
 R9 =0 R10=38 R11=74 R12=47 R13=69 R14=87 R15=63

Photo Parameters

Flux:15317.67lm Effi.:129.4lm/W Radiant:43429.0mW Ri:0.0mW/sr

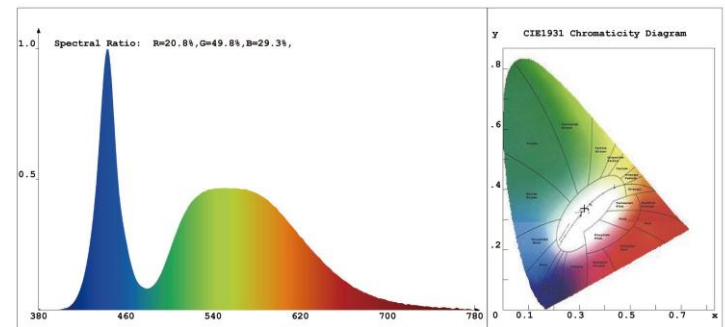
Ele. Parameters

Voltage:U=220.300V Current:I=0.5490A
 Power:P=118.40W Power Factor:PF=0.979

Instrument state

Instrument:Hopoo HP8000S Integral Time: 1.237ms VPeak: 15130
 VDark: 1236 Scan Range: 380-780nm Product ID: 201308416

WL-160W



Chroma Parameters

Chro.Coord.:x=0.3198 y=0.3373 u=0.1996 v=0.3158 duv=0.0039
 CCT: 6096K Dominant Wave.:495.5nm Purity:4.3%
 Flux RGB Ratio:R=12.5%,G=85.2%,B=2.3% Peak Wave:443.5nm Half Width:19.4nm

Rendering Index:Ra= 71.2

R1 =70 R2 =73 R3 =76 R4 =73 R5 =72 R6 =67 R7 =78 R8 =60
 R9 =0 R10=37 R11=74 R12=47 R13=69 R14=87 R15=64

Photo Parameters

Flux:21858.60lm Effi.:134.5lm/W Radiant:53253.8mW Ri:0.0mW/sr

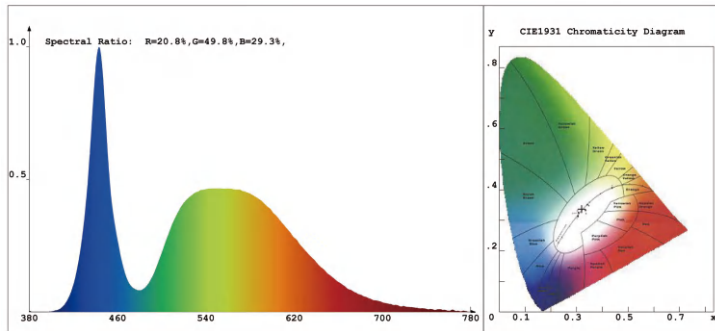
Ele. Parameters

Voltage:U=220.300V Current:I=0.7450A
 Power:P=164.20W Power Factor:PF=0.977

Instrument state

Instrument:Hopoo HP8000S Integral Time: 1.000ms VPeak: 14672
 VDark: 1245 Scan Range: 380-780nm Product ID: 201308416

WL-200W



Chroma Parameters

Chro.Coord.:x=0.3198 y=0.3373 u=0.1996 v=0.3158 duv=0.0039
 CCT: 6096K Dominant Wave.:495.5nm Purity:4.3%
 Flux RGB Ratio:R=12.5%,G=85.2%,B=2.3% Peak Wave:443.5nm Half Width:19.4nm

Rendering Index:Ra= 71.2

R1 =70 R2 =73 R3 =76 R4 =73 R5 =72 R6 =67 R7 =78 R8 =60
 R9 =0 R10=37 R11=74 R12=47 R13=69 R14=87 R15=64

Photo Parameters

Flux:25625.80lm Effi.:125.5lm/W Radiant:53253.8mW Ri:0.0mW/sr

Ele. Parameters

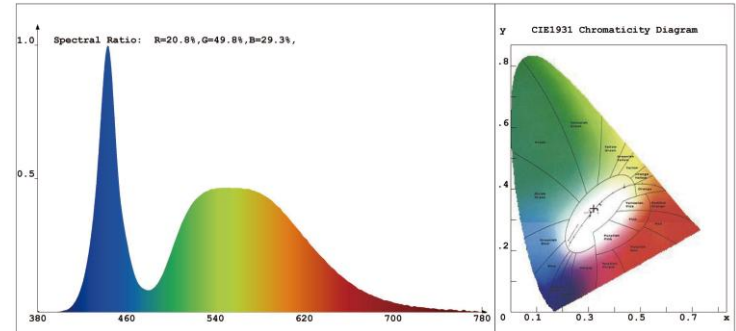
Voltage:U=220.300V
 Power:P=205.20W

Current:I=0.9530A
 Power Factor:PF=0.977

Instrument state

Instrument:Hopoo HP8000S Integral Time: 1.000ms VPeak: 14672
 VDark: 1245 Scan Range: 380-780nm Product ID: 201308416

WL-250W



Chroma Parameters

Chro.Coord.:x=0.3198 y=0.3373 u=0.1996 v=0.3158 duv=0.0039
 CCT: 6096K Dominant Wave.:495.5nm Purity:4.3%
 Flux RGB Ratio:R=12.5%,G=85.2%,B=2.3% Peak Wave:443.5nm Half Width:19.4nm

Rendering Index:Ra= 71.2

R1 =70 R2 =73 R3 =76 R4 =73 R5 =72 R6 =67 R7 =78 R8 =60
 R9 =0 R10=37 R11=74 R12=47 R13=69 R14=87 R15=64

Photo Parameters

Flux:33540.20lm Effi.:130.6lm/W Radiant:53253.8mW Ri:0.0mW/sr

Ele. Parameters

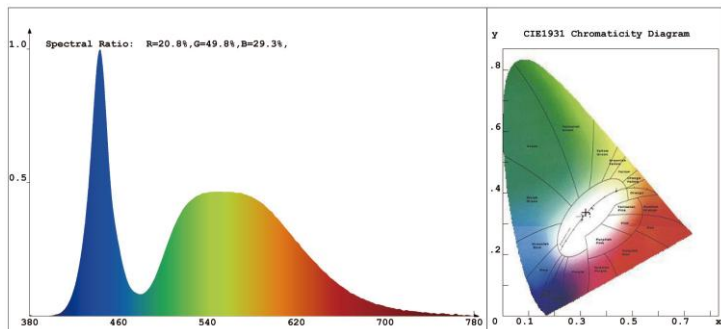
Voltage:U=220.300V
 Power:P=258.20W

Current:I=0.9530A
 Power Factor:PF=0.977

Instrument state

Instrument:Hopoo HP8000S Integral Time: 1.000ms VPeak: 14672
 VDark: 1245 Scan Range: 380-780nm Product ID: 201308416

WL-300W



Chroma Parameters

Chro.Coord.:x=0.3198 y=0.3373 u=0.1996 v=0.3158 duv=0.0039
 CCT: 6096K Dominant Wave.:495.5nm Purity:4.3%
 Flux RGB Ratio:R=12.5%,G=85.2%,B=2.3% Peak Wave:443.5nm Half Width:19.4nm

Rendering Index:Ra= 71.2

R1 =70 R2 =73 R3 =76 R4 =73 R5 =72 R6 =67 R7 =78 R8 =60
 R9 =0 R10=37 R11=74 R12=47 R13=69 R14=87 R15=64

Photo Parameters

Flux:39280.50lm Effi.:130.6lm/W Radiant:53253.8mW Ri:0.0mW/sr

Ele. Parameters

Voltage:U=220.300V
 Power:P=300.20W

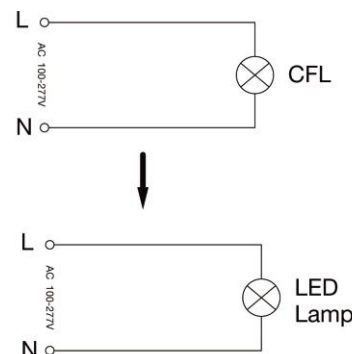
Current:I=0.9530A
 Power Factor:PF=0.977

Instrument state

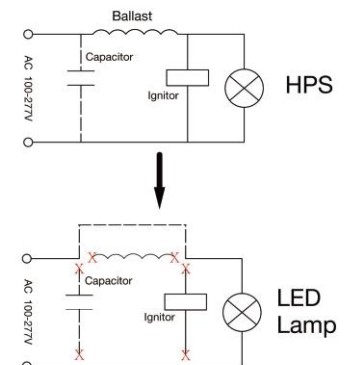
Instrument:Hopoo HP8000S Integral Time: 1.000ms VPeak: 14672
 VDark: 1245 Scan Range: 380-780nm Product ID: 201308416

SCHEMATIC DIAGRAM

REPLACE CFL



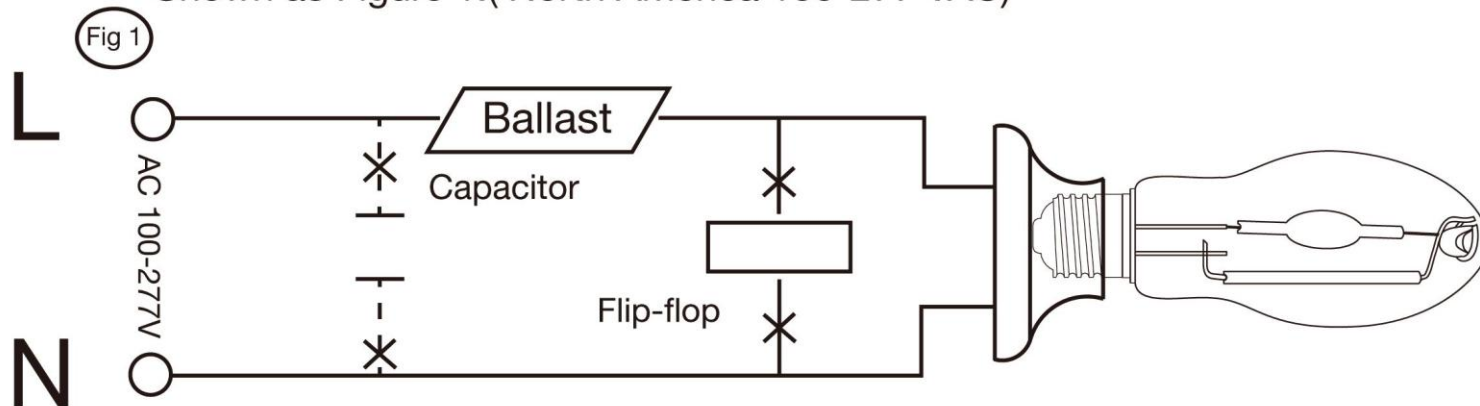
REPLACE HPS



1.Remove old ballast or disconnect from existing lamp holder.

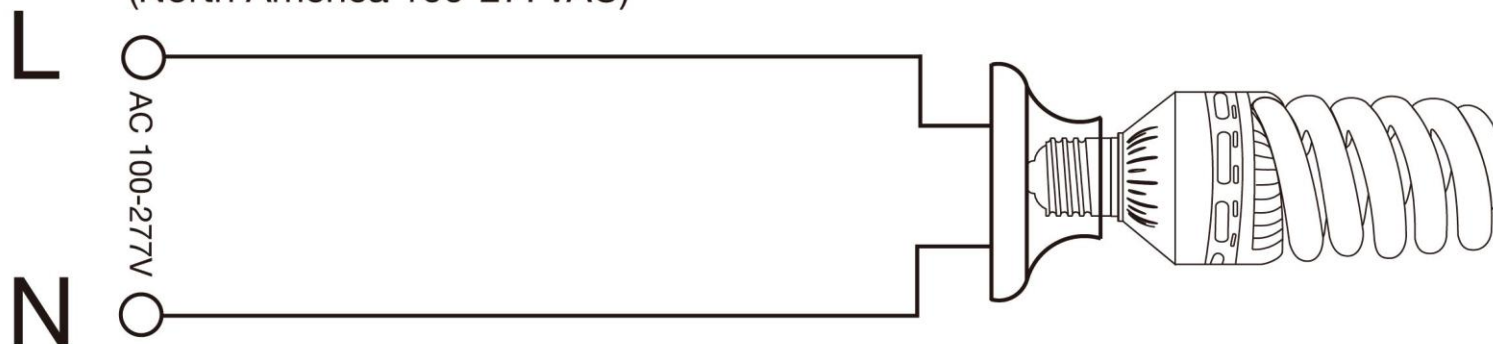
Remove and dispose of ballast in correct manner.

Shown as Figure 1.(North America 100-277 VAC)

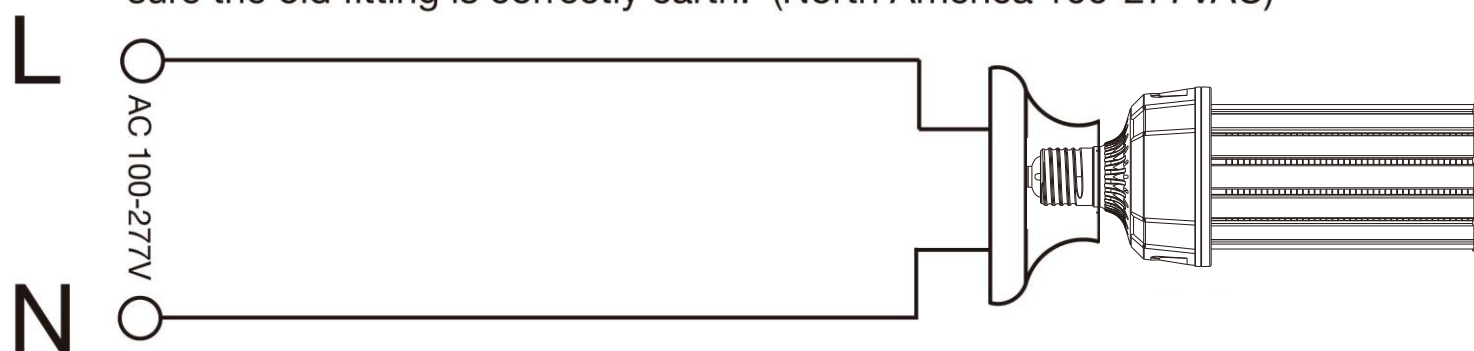


2.Reconnect directly to the existing lamp holder. Shown as Figure 2

(North America 100-277VAC)



3.Install New LED Replacement lamp. Shown as Figure 3. Please make sure the old fitting is correctly earth. (North America 100-277VAC)



Flood Light Fixture



Cobra Fixture



Post Top Fixture



Shoebox Fixture



Wall Pack Fixture



High Bay Fixture



Parking Lot



Yard

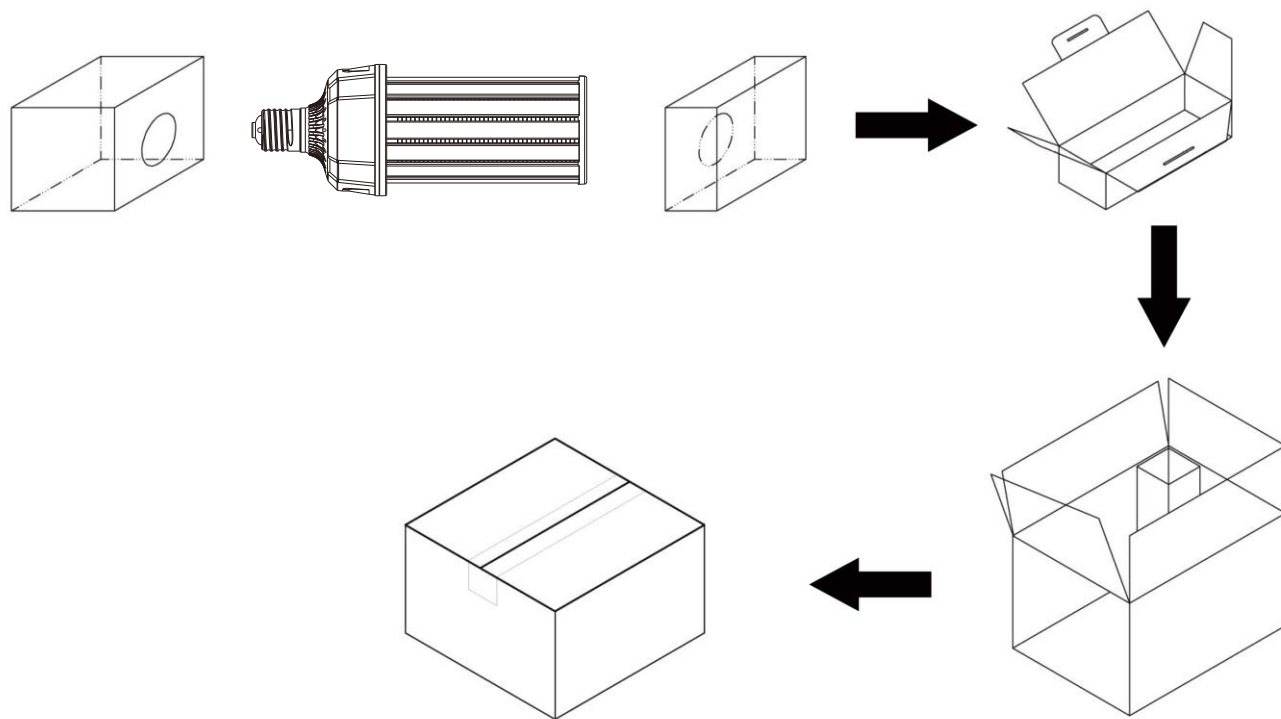


Street



Stadium

PACKAGING



Series	Net Weight	Unit	Package Size	Volume
WL-80W14S	0.817kg	1 pcs	28*13.5*13.5cm	0.005m ³
		12 pcs	56.5*43*29.5cm	0.072m ³
WL-100W14S	0.885kg	1 pcs	30.5*13.5*13.5cm	0.005m ³
		12 pcs	56*31.5*43cm	0.075m ³
WL-120W14S	0.982kg	1 pcs	33.5*13.5*13.5cm	0.006m ³
		12 pcs	56*34.5*43cm	0.083m ³
WL-160W16S	1.046kg	1 pcs	37.5*13.5*13.5cm	0.007m ³
		12 pcs	56*38.5*43cm	0.092m ³
WL-200W16S	1.158kg	1 pcs	39.5*13.5*13.5cm	0.007m ³
		12 pcs	56*41.5*43cm	0.099m ³
WL-250W16S	1.281kg	1 pcs	37.5*13.5*13.5cm	0.007m ³
		12 pcs	56*38.5*43cm	0.093m ³
WL-300W16S	1.41kg	1 pcs	39.5*13.5*13.5cm	0.007m ³
		12 pcs	56*41.5*43cm	0.099m ³
WL-80WH14S	0.837kg	2 pcs	32*28*15cm	0.013m ³
		12 pcs	58*45*32cm	0.083m ³
WL-100WH14S	0.992kg	2 pcs	32*28*15cm	0.013m ³
		12 pcs	58*44*34cm	0.086m ³
WL-120WH14S	1.015kg	2 pcs	36*30*15cm	0.016m ³
		12 pcs	58*44*36cm	0.091m ³
WL-160WH16S	1.19kg	2 pcs	39*30*17cm	0.019m ³
		12 pcs	58*45*40cm	0.104m ³
WL-200WH16S	1.281kg	1 pcs	37.5*13.5*13.5cm	0.007m ³
WL-250WH16S		12 pcs	56*38.5*43cm	0.093m ³