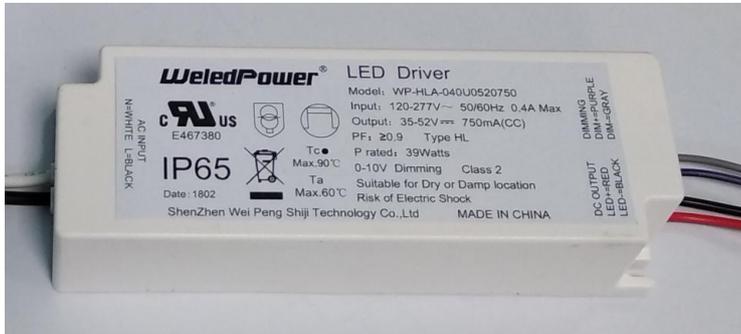


LED DRIVER DATASHEET



WP-HLA-040U

0-10V Dimming LED Driver Series



Product Features

- Wide Input Voltage Range 120-277Vac
- 0-10V Dimming
- Dry or Damp location
- High Efficiency
- High Power Factor
- Low THD
- Low standby power <1W

Protection

- Short-Circuit Protection
- Open-Circuit Protection
- Over-load Protection

Application

- LED Tri-proof Light, LED Grille Light, LED Troffer, LED Linear, LED Panel, etc.

Ordering data

Model Number	Max Output Watts	Output Voltage	Output Current	Current Accuracy	Power Factor	Efficiency	THD	Net Weight	Dimension
WP-HLA-040U 0381000	38W	24-38V	1000mA	±5%	0.9	86%	20%	190g±5 %	L119.5*W42.5*H 25.4mm
WP-HLA-040U 0400950	38W	24-40V	950mA	±5%	0.9	86%	20%		
WP-HLA-040U 0420900	37.8W	24-42V	900mA	±5%	0.9	86%	20%		
WP-HLA-040U 0450850	38.25W	35-45V	850mA	±5%	0.9	86%	20%		
WP-HLA-040U 0480800	38.4W	35-48V	800mA	±5%	0.9	86%	20%		
WP-HLA-040U 0520750	39W	35-52V	750mA	±5%	0.9	86%	20%		
WP-HLA-040U 0520700	36.4W	35-52V	700mA	±5%	0.9	86%	20%		
WP-HLA-040U 0520650	33.8W	35-52V	650mA	±5%	0.9	86%	20%		
WP-HLA-040U 0520600	31.2W	35-52V	600mA	±5%	0.9	86%	20%		
WP-HLA-040U 0520550	28.6W	35-52V	550mA	±5%	0.9	86%	20%		

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Tel: +86-755-27206323 Fax: +86-755-86104343 Web: www.weledpower.com

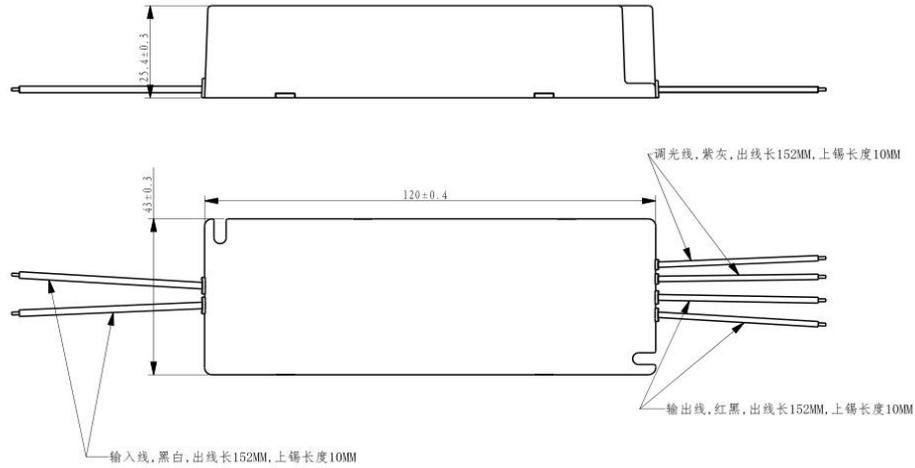
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Dimension Unit: mm



Product label style

		LED Driver		DIMMING DIM+=PURPLE DIM-=GRAY
		Model: WP-HLA-040U0520750 Input: 120-277V~ 50/60Hz 0.4A Max Output: 35-52V=== 750mA(CC) PF: ≥0.9 Type HL P rated: 39Watts 0-10V Dimming Class 2 Suitable for Dry or Damp location Risk of Electric Shock		
AC INPUT N=WHITE L=BLACK				DC OUTPUT LED+=RED LED-=BLACK
	IP65 Date: 1802		Tc ● Max.90℃ Ta Max.60℃	

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WP-HLA-040U

0-10V Dimming LED Driver Series

Product Data

Input Information	
Line Voltage (AC Operation)	120-277Vac
Line Frequency	50/60Hz
Line Current	≤0.45A
Inrush Current	≤50A Per NEMA 410
Power Factor	Refer to graph
THDI	Refer to graph
Efficiency	86% (Full Load)
Standby Power	≤1W
Output Information	
Max Output Power	39W
Output Voltage Range	Refer to ordering data
Output Current	Refer to ordering data
Output Voltage Ripple	<5.0V
Output Current Accuracy	±5%
Line Regulation	±5%
Load Regulation	±5%
Temperature Drift	±10%
Start Up Time	<500mS
Dimming Digital	0-10V Analog Voltage
Protection	
Open Circuit Protection	Open Circuit Voltage Max. 63V
Short Circuit Protection	Automatic Recovery
Over Load Protection	
Environment	
Operating Temperature/Humidity	-40°C to +60°C/5% RH – 95% RH
Storage Temperature/Humidity	-40°C to +85°C/5% RH – 95% RH
Safety and Regulation	
Certification	UL & FCC & CLASSP
Withstand Voltage	I/P-O/P 1.6kVac,5mA,60S
Insulation Resistance	I/P-O/P 500Vac,>100MΩ
Surge Rating	Meet to IEC61000-4-5 (L-N:2KV)
EMC	Meet to FCC Part 15B, EN61000-4-2,3,5,6,8,11, EN61000-3-2

Remarks:

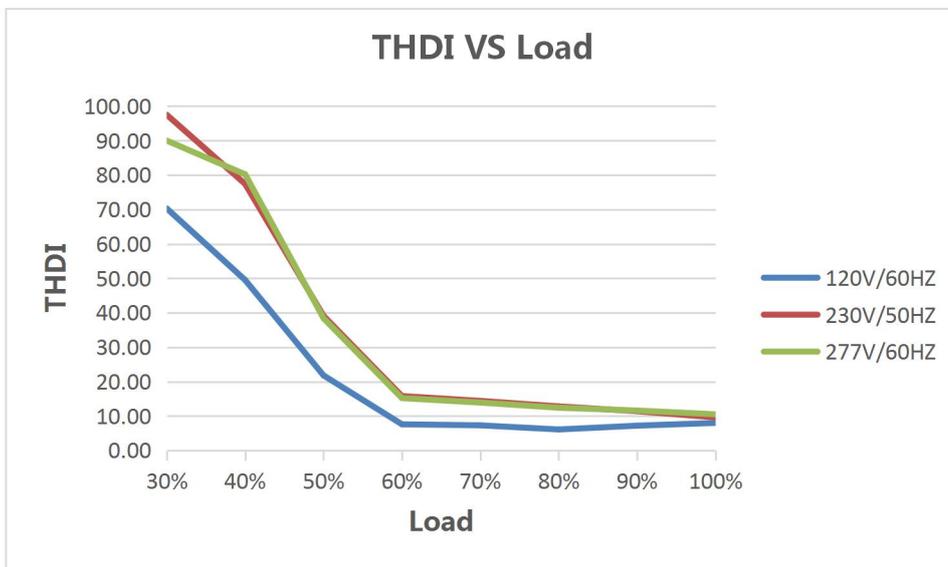
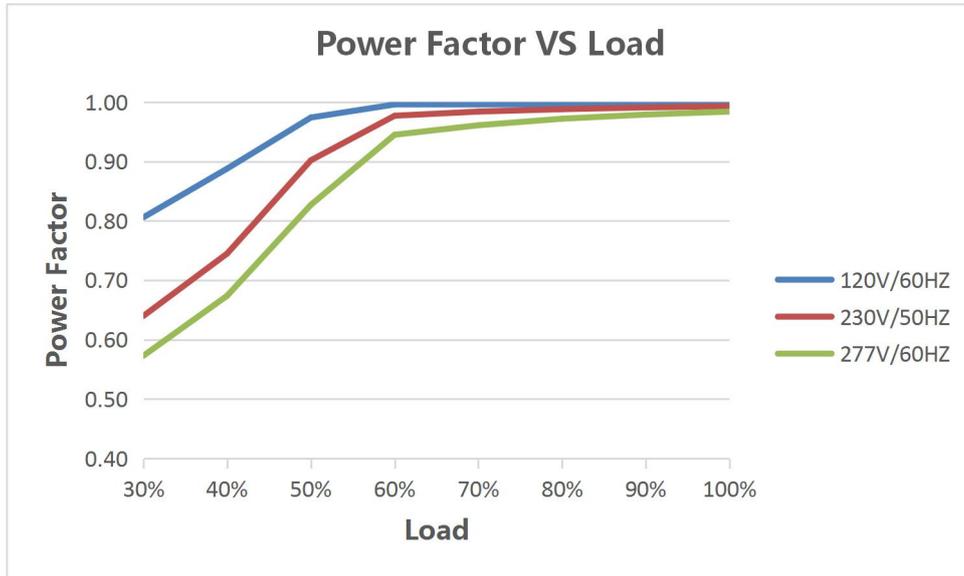
- 1.All the parameters are typical value under the environment temperature 25°C and full load.
2. LED Driver is just a part of luminaries. The luminaries' manufacturers have to re-confirm the EMC performance of the whole lamp, because it will be affected by the wiring of luminaries.

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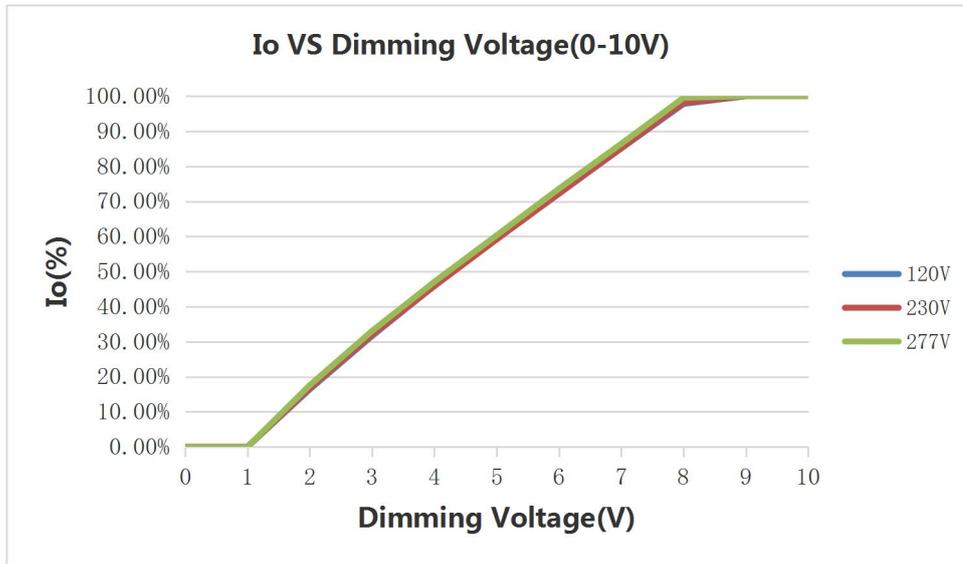
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Lifespan & Warranty

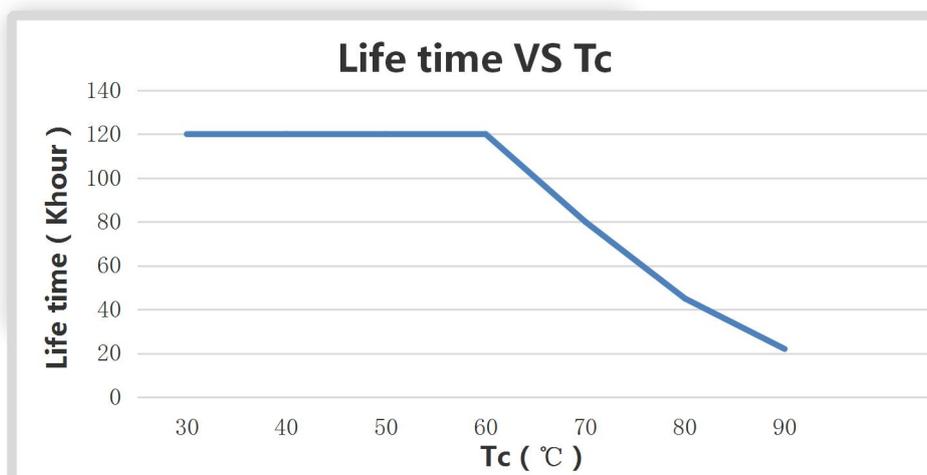
- 50,000hours lifespan design.

- 5 Years warranty. For details, please refer to document WELEDPower LIMITED WARRANTY 2018

Product Lifespan Referred Diagram

Ambient Temperature (°C)

Lifespan (KHours)



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Packaging

Product Dimension: 4.7x1.67x1 inches ;119.5x42.5x25.4mm

Net Weight: 190g+/-5%

Carton Dimension: 16.54x12.60x7.48 inches; 420x320x190mm

Net Weight/Gross Weight: **kgs/**kgs 60pcs/ctn

Right

Specifications subject to change without notice

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