

Technical Data Sheet

Code No.			WL16-1510-10W		WL16-3010-18W	
Dimension(mm)			150*100*92		300*100*92	
Cutout (mm)			-		-	
Watt(W)			2×5W		2×9W	18W (Switchable)
Rated Input Voltage(V)			AC230V			
Input Voltage(V)			AC220V-240V			
LED Module Input			DC72V			
Light Source			SMD			
SDCM			<6			
CCT(K)			1-CCT: 3000K/4000K/5000K/5700K			
CCT Selection			-			
Luminous Flux (lm) ±5%	Non-DIM	1-CCT	400-500	720-900	-	
	DIM		-	-	900-1200	
	Non-DIM	3-CCT	-	-		
	DIM		-	-		
CRI			Ra>80			
Beam Angle (°)			100°			
UGR			-			
LED Driver			Driver built-in			
Dimming Option			No	No	Triac	
Sensor			No			
Emergency Kits			No			
Electrical Class			Class I			
Ingress Protection (IP Rating)			IP54			
Impact Resistance (IK Rating)			IK07			
Product Finishing(Base)			Black(RAL9005)			
Optics Material			PC			
Housing Material			Aluminium			
Lifetime (hr)			50,000h			
Glow wire test (°C)			750°C			
Operating Temp. (°C)			-20°C~-45°C			
Storage Temp. (°C)			20°C~-65°C			
Installation			Wall mount			



Measurement

Code	Dimension(mm)				Size(mm)		Product Weight (Kg)		Package weight (Kg)		Carton Size(cm)	Qty/CTN	20GP (pcs)	40HQ (pcs)
	A	B	C	D			N.W/PC	G.W/PC	N.W/CTN	G.W/CTN				
WL16-1510	150	100	92	65	150×100×92		0.54	0.63	13	16.5	53*50*23	24	9504	24288
WL16-3010	300	100	92	65	300×100×92		1.09	1.19	14.28	16.8	50*33.5*35	12	5112	12516

Driver Datasheet (Non-dimmable)

Total load wattage		10W		18W	
Output	Output Voltage range	DC60-75V			
	Rated output current	120mA±5%		230mA±5%	
	Line Regulation	±5%			
	Setup, Rise Time	<500ms @230V			
	Flickering Index	-			
Input	Input Voltage	AC200-240V			
	Rated Input Voltage(V)	AC230V			
	Frequency	50/60HZ			
	Input Current	≤0.06A		≤0.10A	
	Rated Input Current	≤0.05A		≤0.09A	
	Power Factor	≥0.9			
	THD	-			
	Efficiency	≥90%			
	No load wattage	<0.5W@230V			
Protection	Short circuit protection	Pass			
	Over voltage protection	Pass			
	Over temperature protection	Pass			
Safety &EMC	Withstand voltage	-			
	Isolation Resistance	-			
	Surge	IEC/EN61000-4-5(P<25; L/N:0.5KV), L/N-PE:1KV			
	EMC Emission	EN55015, EN61000-3-2			
	EMC Immunity	EN61000-4-2,3,4,5,6,8,11; EN61547			

Driver Datasheet (Triac Dimmable)

Total load wattage		18W
Output	Output Voltage range	DC60-75V
	Rated output current	215mA±5%
	Line Regulation	±5%
	Setup, Rise Time	<500ms @230V
	Flickering Index	0.5%(NO RISK)
Input	Input Voltage	AC200-240V
	Rated Input Voltage(V)	AC230V
	Frequency	50HZ
	Input Current	≤0.1A
	Rated Input Current	≤0.09A
	Power Factor	≥0.9
	THD	-
	Efficiency	≥83%
	No load wattage	<0.5W@230V
Protection	Short circuit protection	Pass
	Over voltage protection	Pass
	Over temperature protection	Pass
Safety &EMC	Withstand voltage	-
	Isolation Resistance	-
	Surge	IEC/EN61000-4-5(P<25; L-N:0.5KV), L/N-PE: 1KV
	EMC Emission	EN55015, EN61000-3-2
	EMC Immunity	EN61000-4-2,3,4,5,6,8,11; EN61547

Installation Procedure

WARNING

1.Switch off before installation.
2.Switch on only after complete installation and examination of the circuit.
3.Professional electrician for installation and maintenance only.

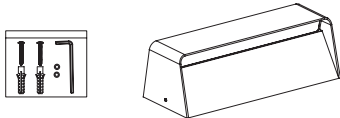


Turn Off
Power Supply

Turn Off power supply before starting any installation. Read instructions & check you have all the tools & accessories to complete the installation correctly.

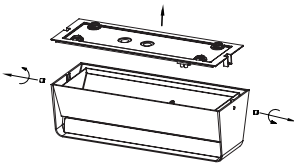
Installation

Step 1



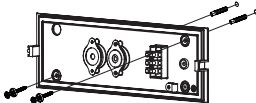
Take out the lamp and accessories.

Step 2



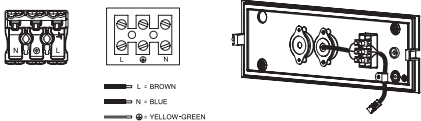
Take out the base from the lamp body.

Step 3



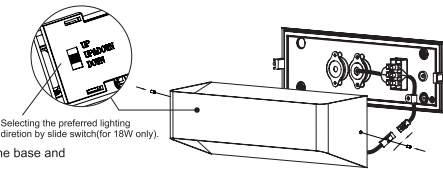
Fix the base on the wall and make the wires through the hole of the base.

Step 4



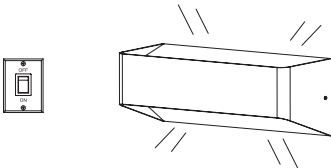
Set the wires respectively.

Step 5



Get the lamp fixture back to the base and fix it well.

Step 6



The light source of this luminaire is not replaceable; when the light source reaches its end of life the whole luminaire shall be replaced.