

WL100 Series

Outdoor LED Wall Light





Introduction

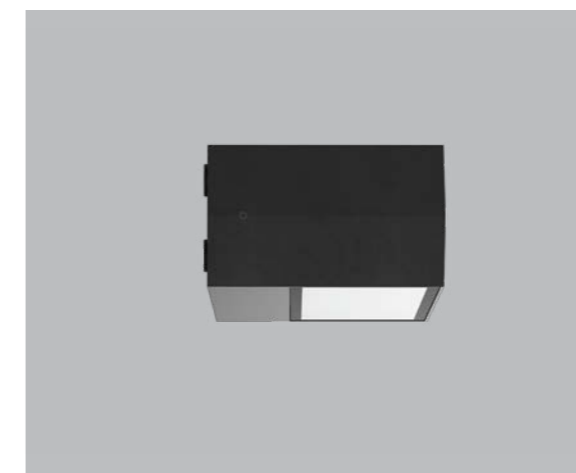
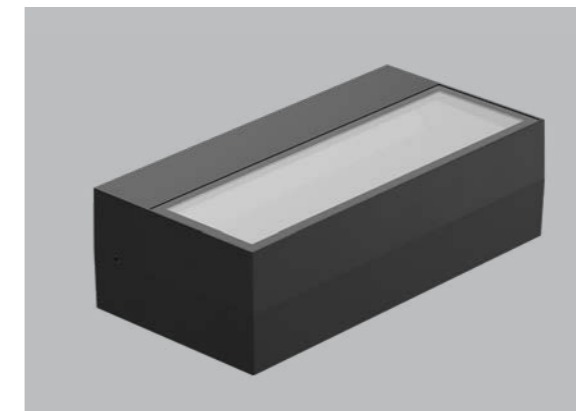
Crafted with precision, this WL100 Series outdoor LED wall light offers a unique combination of direct and indirect lighting. The lamp body, expertly made from aluminum die-casting, ensures efficient heat dissipation. Its surface is coated with outdoor sand grain powder, providing exceptional corrosion resistance. Additionally, this lamp features an SMD light source, enabling CCT adjustability. With its robust structure design and IP65 waterproof rating, it is suitable for a wide range of applications.

Features

- Direct & indirect, direct/indirect lighting design.
- IP65 waterproof.
- Special reflector makes it a better wall washer effect.
- Interchangeable CCT (3000K + 4000K + 5700K) with slide switch.
- Loop in/loop out wire entry design.
- Internal flicker free driver.

Application Areas

It is designed for indoor and outdoor lighting applications hotel, park, and corridors etc.



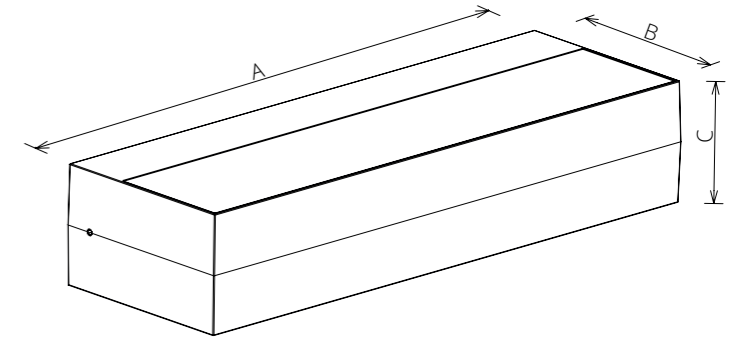


Technical Data Sheet

Code No.	GUWL100-10W	GUWL100-15W	GUWL100-10W-3CCT		
Dimension(mm)	200*100*60	300*100*60	200*100*60		
Cutout (mm)	-				
Watt(W)	10W(Unswitchable)	15W(Unswitchable)	10W(Switchable)		
Rated Input Voltage(V)	230V				
Input Voltage(V)	220-240V				
LED Module Input	-				
Light Source	SMD				
SDCM	< 6				
CCT(K)	1-CCT:3000K/4000K/5000K/5700K	3-CCT: 3000K + 4000K + 5700K	3-CCT: 3000K + 4000K + 5700K		
CCT Selection DIP Switch	YES				
Luminous Flux (lm) ±5%	Non-DIM	1-CCT	600-750LM	850-1100LM	-
		DIM	550-700LM	800-1050LM	-
	Non-DIM	3-CCT	600-750LM	850-1100LM	-
		DIM	550-700LM	800-1050LM	550-700LM
CRI	CRI80				
Beam Angle (°)	60°x115°x40°		90°*110°*40°		
UGR	-				
LED Driver	Built-in				
Dimming Option	Triac				
Sensor	NO				
Emergency Kits	NO				
Electrical Class	Class I				
Ingress Protection (IP Rating)	IP65				
Impact Resistance (IK Rating)	/				
Product Finishing(Base)	Black				
Materials of Optics	PC/Glass				
Materials of Housing	Aluminium ADC12				
Lifetime (hr)	5,000h				
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)
	A	B	C	
GUWL100-10W	200	100	60	200*100*60
GUWL100-15W	300	100	60	300*100*60



Driver Datasheet (Non-dimmable)

Total load wattage		10W	15W
Output	Output Voltage range	DC60-75V	
	Rated output current	135mA	190mA
	Line Regulation	±5%	
	Setup, Rise Time	≤0.5S	
	Flickering Index	<3%(NO RISK)	
Input	Input Voltage	220-240V	
	Rated Input Voltage(V)	230V	
	Frequency	50/60Hz	
	Input Current	≤0.06A	≤0.08A
	Rated Input Current	≤0.05A	≤0.08A
	Power Factor	0.9	
	THD	-	
	Efficiency	≥85%	
Protection	No load wattage	≤0.5W	
	Short circuit protection	PASS	
	Over voltage protection	PASS	
Safety & EMC	Over temperature protection	PASS	
	Withstand voltage	I/P-FG:1.5KVac, <5mA 60S	
	Isolation Resistance	500VDC, ≥2M Ω	
	Surge	IEC/EN61000-4-5(P<25W; L-N:500V)	
Safety & EMC	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		10W	15W
Output	Output Voltage range	DC65-75V	
	Rated output current	120mA	180mA
	Line Regulation	±5%	
	Setup, Rise Time	≤0.5S	
	Flickering Index	<5%(LOW RISK)	
Input	Input Voltage	200-240V	
	Rated Input Voltage(V)	230V	
	Frequency	50Hz	
	Input Current	≤0.06A	≤0.09A
	Rated Input Current	≤0.05A	≤0.08A
	Power Factor	0.85	0.9
	THD	-	
	Efficiency	≥81%	≥83%
	No load wattage	≤1W	
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<25W; L-N:500V, L/N-PE:1KV)	
	EMC Emission	EN55015, EN61000-3-2	
	EMC Immunity	EN61000-4-2,3,4,5,6,8,11; EN61547	