

LED Wall Lamp
LENS
WL387 Series





Introduction

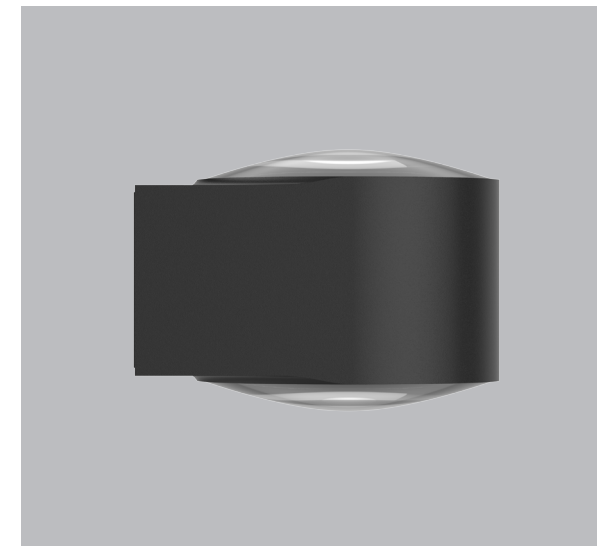
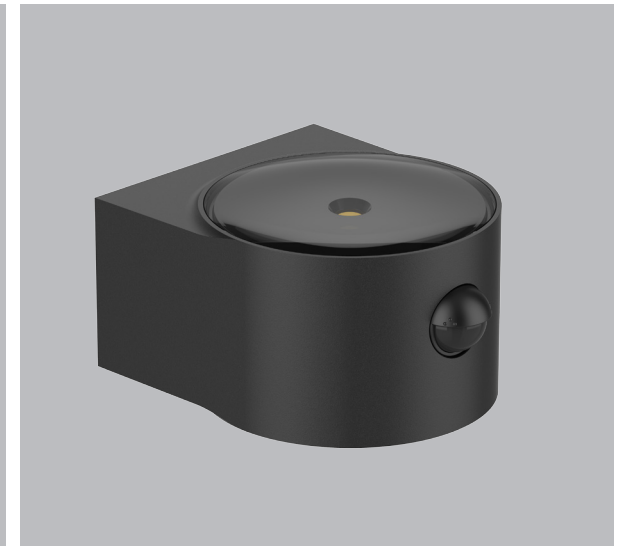
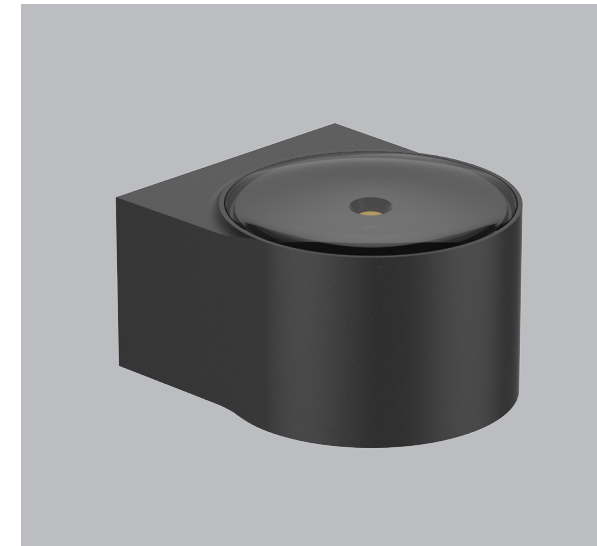
This is an IP65 direct and indirect wall lamp. It has a big round PC optics for a wide beam angle 110 degree. ADC aluminium lamp body offers great thermal management so it can ensure a long lifespan. Adjustable CCT with inner DIP switch can save SKU and provide a wider choice. What's more, except the standard version, it also has PIR sensor version with daylight sensor function, users can adjust different flexibility and hold time.

Features

- Light distribution: Direct and indirect design, direct or indirect
- ADC aluminum lamp body for excellent heat dissipation
- Interchangeable CCT(2700K+3200K+4000K) with DIP switch
- IP65, IK08 protection level
- PIR sensor with daylight sensor function available
- Internal flicker free driver solution

Application Areas

It is designed for indoor and outdoor lighting applications such as courtyards, aisles, green landscapes, exterior walls, commercial streets, gardens, etc.





Technical Data Sheet

Code			LENS WL387-8W-D	LENS WL387-10W	LENS WL387B-8W-D
Dimension(mm)			130*113*95mm		
Cutout (mm)			-		
Watt(W)			2*4W	2*5W	1*8W
Rated Input Voltage			AC220-240V		
Input Voltage			AC198-264V		
LED Module Input			-		
Light Source			COB		
SDCM			<6		
CCT(K)			1-CCT:2700K/3000K/4000K/5000K/ 3-CCT: 2700K+3200K+4500K		
CCT Selection DIP Switch			YES		
Luminous Flux (lm) ±5% CRI80	1-CCT	Non-DIM	-	900-1150	-
		DIM	660-940	-	620-890
	3-CCT	Non-DIM	-		
		DIM	-		
Luminous Flux (lm) ±5% CRI90	1-CCT	Non-DIM	-		
		DIM	-		
	3-CCT	Non-DIM	-	634-790	-
		DIM	520-580	-	480-560
CRI			1-CCT: CRI80 / 3-CCT: CRI90		
Beam Angle (°)			110°		
UGR			-		
LED Driver			Driver built-in		
Dimming Option			Triac	-	Triac
Sensor			PIR sensor		
Emergency Kits			-		
Electrical Class			Class I		
Ingress Protection(IP Rating)			IP65		
Impact Resistance(IK Rating)			IK08		
Product Finishing			Black RAL 9005/White RAL 9016		
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		



WW NW CW
Color changeable



110°

IP65

IK08

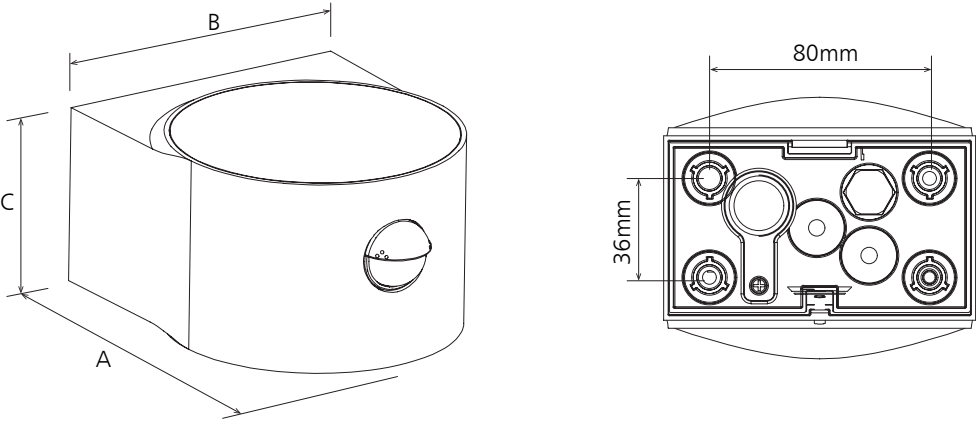
CRI ≥80

CRI ≥90

PF 0.9



HOURS
50000



Measurement

Code	Dimension(mm)			Size(mm)	Product Weight (Kg)		Package weight (Kg)		Carton Size(cm)	Qty/ CTN	20GP (pcs)	40HQ (pcs)
	A	B	C		N.W/PC	G.W/PC	N.W/CTN	G.W/CTN				
WL387-10W	130	113	95	130*113*95	0.76	0.81	9.10	10.40	38*29.5*33.5	12	8208	19152
WL387-8W-D	130	113	95	130*113*95	0.76	0.81	9.10	10.40	38*29.5*33.5	12	8208	19152
WL387B-8W-D	130	113	95	130*113*95	0.71	0.76	8.51	9.42	38*29.5*33.5	12	8208	19152

Driver Datasheet (Non-dimmable)

Total load wattage		10W
Output	Rated output current	250mA
	Output Voltage range	DC30-40V
	Line Regulation	±5%
	Setup, Rise Time	<0.5S
	Flickering Index	3%,IEEE1789 NO RISK
Input	Rated Input Voltage	AC220-240V
	Input Voltage	AC198-264V
	Frequency	50/60HZ
	Rated Input Current	0.06A
	Input Current	0.05A
	Power Factor	0.9
	THD	<20% @230V
	Efficiency	≥82%
Protection	No load wattage	<0.5W
	Short circuit protection	PASS
	Over voltage protection	PASS
Safety &EMC	Over temperature protection	PASS
	Withstand voltage	I/P-O/P:3.75KVAC, <5mA 60S
	Isolation Resistance	I/P-O/P: 500VDC, ≥100M Ω
	Surge	IEC/EN61000-4-5(P<25W; L-N:500V)
	EMC Emission	EN55015, EN61000-3-2
	EMC Immunity	EN61000-4-2,3,4,5,6,8,11; EN61547

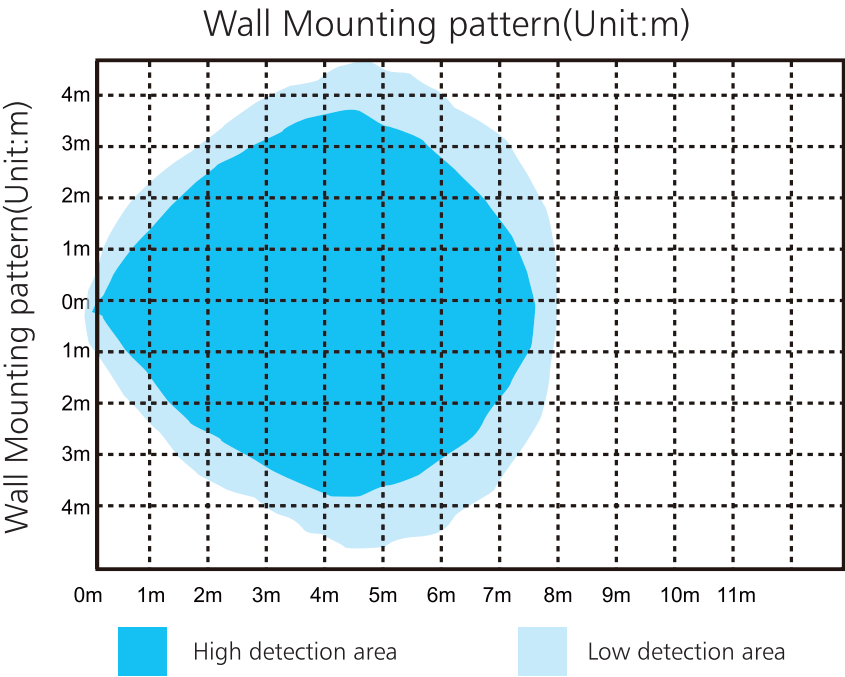
Driver Datasheet (Triac Dimmable)

Total load wattage		8W
Output	Rated output current	180mA
	Output Voltage range	DC30-40V
	Line Regulation	± 5%
	Setup, Rise Time	<0.5S
	Flickering Index	3%,IEEE1789 NO RISK
Input	Rated Input Voltage	AC220-240V
	Input Voltage	AC198-240V
	Frequency	50HZ
	Rated Input Current	0.05A
	Input Current	0.04A
	Power Factor	0.9
	THD	<20% @230V
	Efficiency	≥78%
	No load wattage	<0.5W
Protection	Short circuit protection	PASS
	Over voltage protection	PASS
	Over temperature protection	PASS
Safety &EMC	Withstand voltage	I/P-O/P:3.75KVAC, <5mA 60S
	Isolation Resistance	I/P-O/P: 500VDC, ≥100M Ω
	Surge	IEC/EN61000-4-5(P<25W; L-N:500V)
	EMC Emission	EN55015, EN61000-3-2
	EMC Immunity	EN61000-4-2,3,4,5,6,8,11; EN61547

Datasheet (Sensor)

Sensor datasheet	
Operating voltage	AC220-240V
Power consumption	0.5W max
Microwave frequency	-
Transmission power	-
Detection angle	120°
Detection Area	2-6m
Hold time	8s(±5s) - 12min(±2min)
Daylight sensor	3~1000 LUX adjustable
Stand-by DIM Level	-
Stand-by Period	-
Dimming Range	-
Microwave ON/OFF function	-
Installation Height	Recommended Installation Height: Wall mounted height 1.8m
Minimum mounting distance	recommended mounting distance should be more than 2m
Operating temperature(°C)	25°C

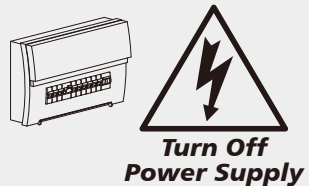
Induction Range



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.



Wall mount installation

