

Installation Instructions – PM168

SL204 / SL214 Spot-LIGHTZ (4W)

Mounting:

SL204 Surface mount

SL214 Spike mount

Constant current:

350mA (max)

Caution:

Always turn power off when connecting or disconnecting luminaires.

Note:

Fit hood to light.

When setting hood position, rotate clockwise only.

Warranty:

Luminaire: 5 years

Warranty will be void if the product is immersed fully in water.

All cabling connections are required to be fully waterproofed.

Proof of purchase is required. See website for full warranty conditions.

Please see overleaf for driver compatibility chart

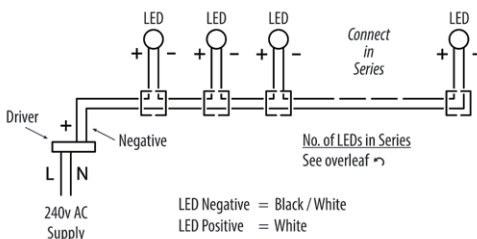
For Dimmer information visit www.switch-lighting.co.nz

Library / Spec Sheets / LED Tips and Tricks / pages 4-5

Installation:

(by registered electrician only)

1. Ensure driver is disconnected from mains supply before connecting LED/s.
2. Connect the LED/s and driver in **SERIES**.
3. Ensure connections are watertight – LED/s and driver may be permanently damaged if not wired correctly.
4. Switch off LED driver and wait 5 seconds before making any change to secondary circuit (eg. replacing LED).



How many constant current lights per driver?

Use the convenient table below to check max & min number of lights to connect:

230V Constant current drivers						
Driver	Power max	Max V	Output	SL204 SL214	Dimmable	Comment
Current				350mA		
LO5020	12W	3-32	350/700mA	1-2	No	
LO5021	12W	3-32	350/700mA	1-2	TE dimmable	TE
LO5049	40W	26-60	245-1050mA	3-4	1-10V dimmable	Dimming is very poor. 125mA minimum. Specify current on order.
LO5016i	20W	3-32	350/700mA	1-2	1-10V + switch	1-10V dimmable + switch dimmable
LO5011i	20W	3-32 + 12/24V	350/700/ 1050mA	1-2	1-10V + switch	1-10V dimmable + switch dimmable
CL700S-240-C	33W	9-48	350/700mA	1-3	No	
Mini350mA	4W	3-12	350mA	N/A	No	IP65
IE-12D	12W	Varies	180-500mA	2-2	Dali	Dali 1-100% dimming. Specify current on order.

Low voltage DC drivers (for battery and solar use)						
Driver	Power max	Input V	Output	SL204 / SL214	Dimmable	Comment
LDD350LW	8W	9-36V	2-32V @350mA	Depends on i/p voltage from batteries etc. 3@12V i/p 6@24V i/p	PWM dimming	Step down only. o/p volts=i/p volts - 3V
LDB300LW	12W	9-36V	2-40V @300mA	1-3	PWM dimming	Step up/down. Can also power SL40/SL50/ SL55 from batteries

Constant current cable size guide

(gives maximum end-to-end cable length vs wire CSA)

Current	Cable Size (mm2)				
	0.3mm2	0.5mm2	1mm2	1.5mm2	2.5mm2
350mA	35m	60m	120m	190m	320m