ELWA®

LED Sensor Lights

LED Panel Lights

Model # FDL109

- 8mm slim 76mm wide: unique design
- Extension available - direct link or by extension cable
- Touch sensor switch (Dimming and 2 colors switchable available at request)
- Fast and clean install: Invisible screw
- High lumen and even light - LED panel 80 lumen/W, no LED spots.

Code	Length (cm)	Wattage	Voltage	LED color	Lumens
FDL109-30	30cm	8W	12V	3000K/4000K/6000K	640
FDL109-53	53cm	11W	12V	3000K/4000K/6000K	880
FDL109-57	57cm	15W	24V	3000K/4000K/6000K	1200

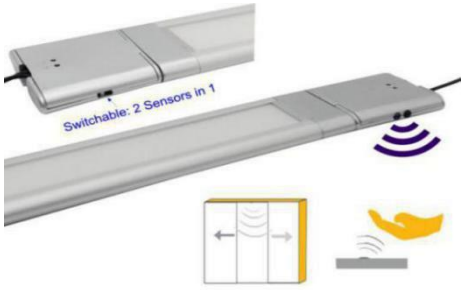
* Customize length available * profile color options: White/silver Grey * Size: 76mm wide X 8mm high

LED Panel Lights

Model # FDL108

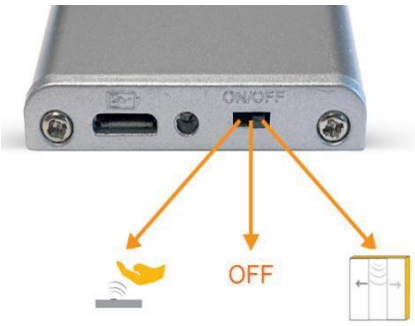
- 8mm slim 38mm wide: unique design
- IR sensor 2 functions in 1: smart door or hand movement sensor
- Clip for fast and clean install
- Linkable - direct link or by link cable at request
- High lumen and even light - LED panel 80 lumens/W

Code	Length (cm)	Wattage	Voltage	LED color	Lumens
FDL108-36	36cm	8W	12V	3000K/4000K/6000K	640
FDL108-58	58cm	11W	12V	3000K/4000K/6000K	880



Rechargeable Battery LED Light

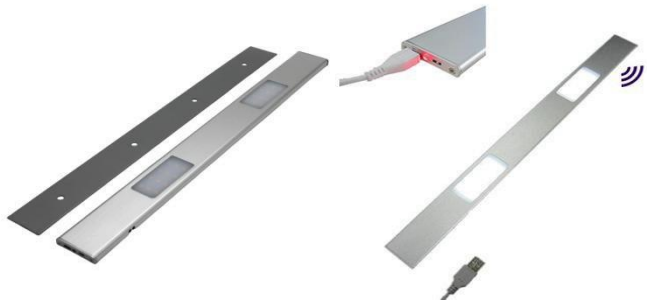
Model # FDL112

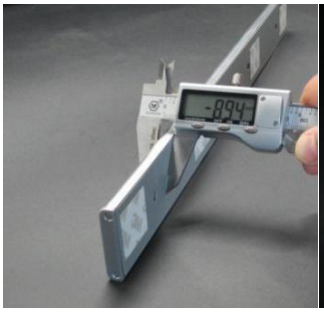


2 function sensor

- Integrated Lithium-ion battery, Micro USB port to recharge
- 2 function sensor: Door and hand movement sensor
- Magnet install
- 9mm slim: size 400 X 40 X 9mm
- High quality aluminium anodized profile
- Battery lasting time 4 hours and charging time 3 hours

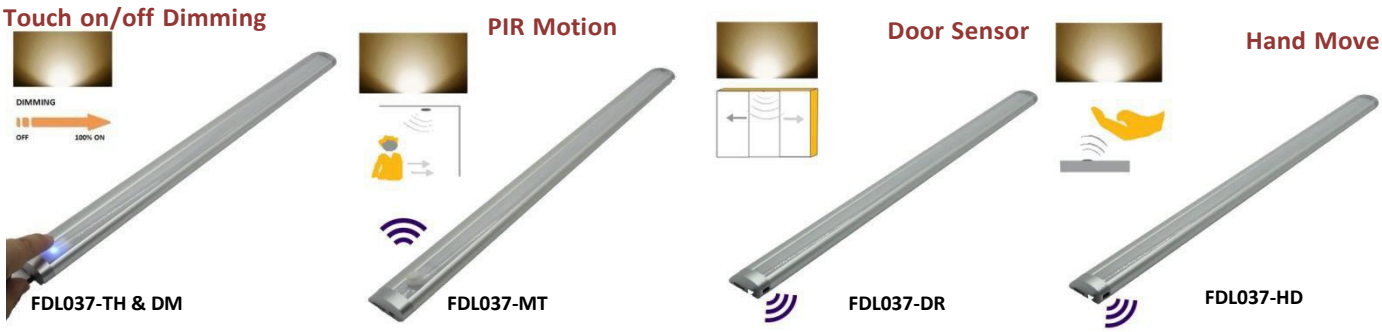
Code	Length (mm)	Wattage	Voltage	LED color	Lumen
FDL112-40	400mm	2W	5V	3000K/6000K	100





LED Sensor Lighting Bar

Model # FDL037



- Versatile built-in sensors to create outstanding features and convenience
- Strong and even light – no visible LED spots
- Both profile and LED strip can be cut to length. Perfect when you have bespoke sizes to meet (standard 1m)

Code	Sensor	Wattage	Voltage	LED color	Lumen
FDL037-TH	Touch on/off	12W	12V	3000K/4000K/6000K	960
FDL037-DM	Touch dimming	12W	12V	3000K/4000K/6000K	960
FDL037-DR	Door sensor IR	12W	12V	3000K/4000K/6000K	960
FDL037-HD	Hand Sensor IR	12W	12V	3000K/4000K/6000K	960
FDL037-MT	Motion Sensor	12W	12V	3000K/4000K/6000K	960

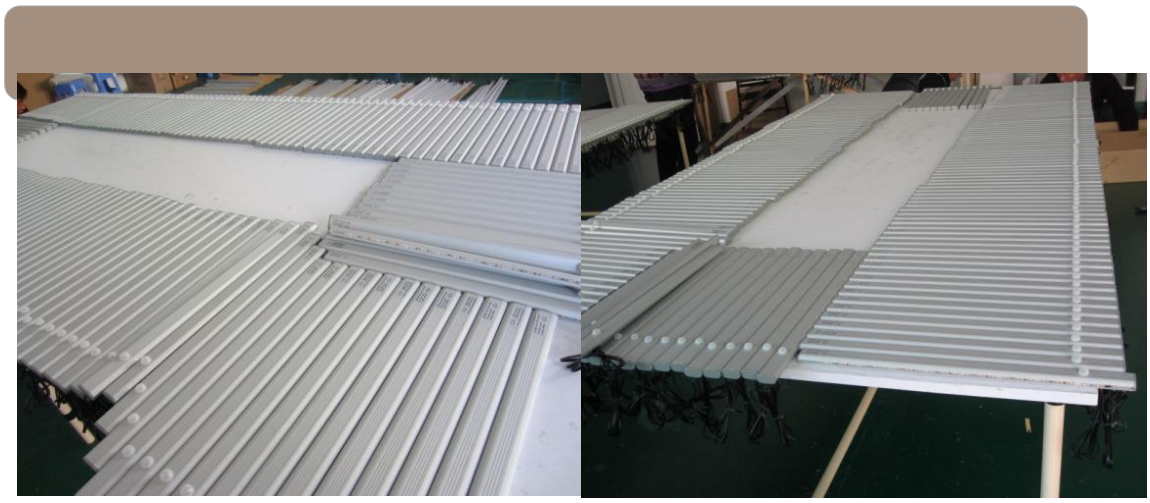
LED Motion Sensor Lighting Rod

Model # FDL027

Code	LED type	Wattage	Voltage	Light color	Lumen	Size
FDL027	SMD2835	6W	12V	cool/warm white	550	30 X 15 X 10000

*Specification base on standard length 1m, length can be customized

* light turn on when door is open and motion is detected in 150cm 120 degree range, light turn off automatically, delay time 30 seconds



LED Panel Puck Light

Model # FDL111

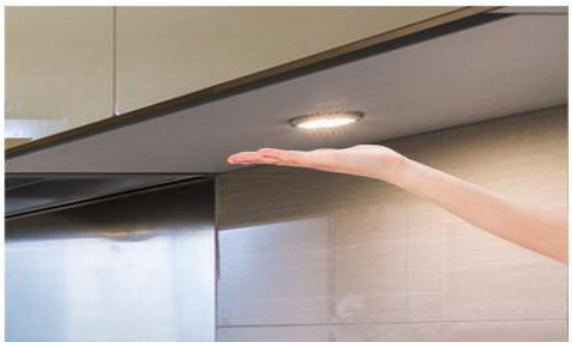
MODEL	Size (mm)	Voltage	Wattage/Lumen	Beam
FDL111-10	100 x 100 x 5	12V DC	3W 260 lumen	160 °
FDL111-20	20 x 100 x 5	12V DC	5W 520 lumen	160 °

*5mm slim anodized aluminium * No LED spots *install by adhesive tape *3000K/4000K/6000K

LED Sensor Puck Light

Motion Sensor

Hand Move Sensor

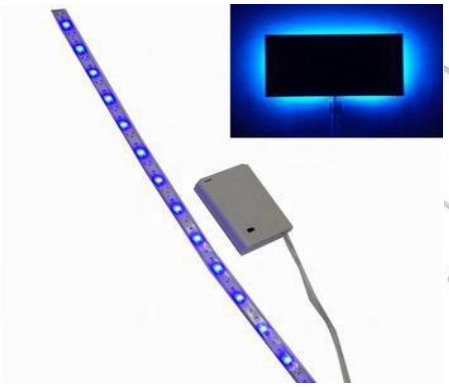


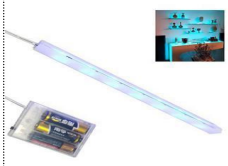
MODEL	Size (mm)	Voltage	Wattage/Lumen	Beam
FDL115-MT	Size Φ 80X9 Light turn on automatically at motion Auto off in 30 seconds	12V DC	3W 300 lumen	120 °
FDL115-HD	Size Φ 80X9 Light turn on/off automatically at hand motion	12V DC	3W 300 lumen	120 °

*9mm slim *Magnet install *3000K/4000K/6000K

Battery Cabinet Light

Model # FDL113



MODEL#	Photo	PRODUCT DESCRIPTION
FDL113-F		Battery box (for 3 AA batteries), 50cm LED flexible strip 15 LEDs with tube, adhesive tape on back, light blue colour.
FDL113-S		Battery box (for 3 AA batteries) + 25cm LED shelf light with clip extrusion profile, light blue colour.

LED Glass Shelf Light

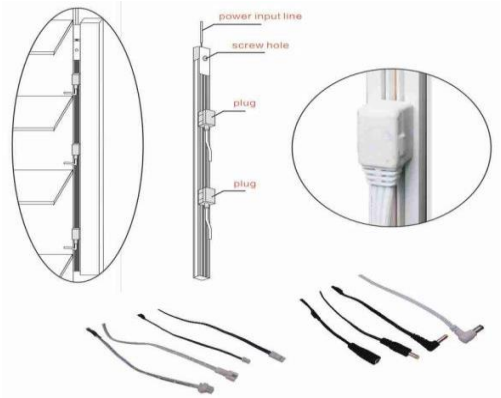
Code	LED type	Wattage	Voltage	Light color	Lumen	Size (mm)
FDL106	SMD5050	1.2W	12V	RGB	90	100 X 21X8

*Light color: RGB or single color with Remote control *suitable for 8mm glass shelf

LED Track Rail Light

Model # FDL110

MODEL	Photo	DESCRIPTION	MODEL	Photo	DESCRIPTION
FDL110-2C		Light track 1meter 2 cable version, 0-240V	FDL110-LV-S		Light track 1meter, color white or black, 0-36V
FDL110-2C-S		Light track 1meter 2 cable version, 0-240V	FDL110-LV		Light track 1meter, color white or black
FDL110-2C-IP		Input plug with 50cm cable(open end)	FDL110-LV-IP		Input plug with 50cm cable(open end)
FDL110-3C		Light track 1meter 3 cable version, 0-240V	FDL110-LV-IPC		Input plug with 40cm cable(DC connector)
FDL110-3C-S		Light track 1meter 3 cable version, 0-240V	FDL110-LV-IPS		Input plug with 50cm cable(open end)
FDL110-3C-IP		Input plug with 50cm cable(open end)3 cable version	FDL110-LV-IPSS		Input square plug with 50cm cable(open end)



Sensor Switch

FDS001-H Touch Sensor

12V Max 2A

Size: 17mm *10mm

Cut out: 17mm

FDS053-B-H

Infra-red Door & Swipe sensor

5-24V Max 36W

Size: 12mm * 63mm Cut out: 12mm Detection range: 5cm

FDS051-H Motion Sensor

5-24V Max 3A

Size: 12mm * 63mm Cut out: 12mm

Detection range: 150cm

Delay time: 30 seconds

FDS060 Touch Sensor for mirror

12-24V Max.5A

Size (mm): 50 X30X13

Dimming & 2 colors available

FDS061

Touch Sensor & Display mirror light

12V Max.4A

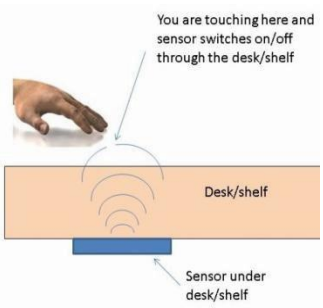
Size (mm): 165 X 88 X 18

FDS105 door sensor

250V Max 2A Size

(mm): 75 x 47 X 8

Model： FDS001



Voltage: 12V/24V

Wattage: Max 36W

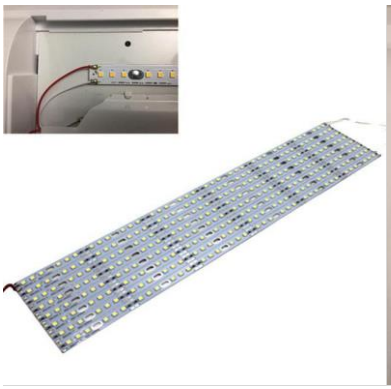
Size: L40 x W12 x H3mm

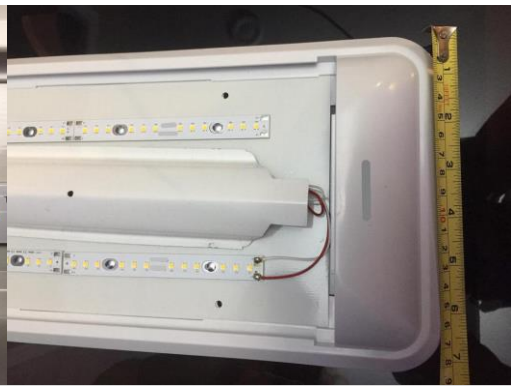
Sensor switch for installation into furniture and interior designs

- Switches automatically by touching the surface or pressing the sensor area
- Hidden installation below the surface
- Switch impulse transmits through 15mm thick material incl. wood, glass, plastic and stone

LED Replacements

Model # FDL114-2835-38

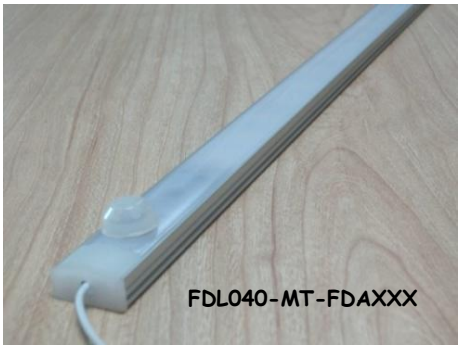




Size: 380mm (15") L *10mm W *1mm
H 12V DC constant voltage input
13W SMD2835 36 LEDS
1400 lumen 6000K cool white
6 rivet holes, solder point every 5"(can be cut every 5" 12.7cm)

Slim LED Sensor Strips

Model # FDL040

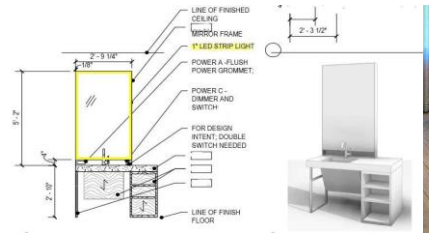


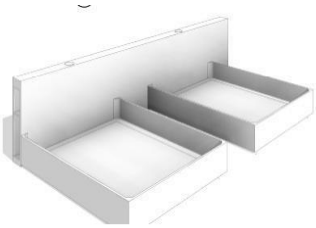
- Both profile and LED can be cut to length. Perfect when you have bespoke sizes to meet
- Versatile Built-in sensors to create outstanding features and convenience to lighting

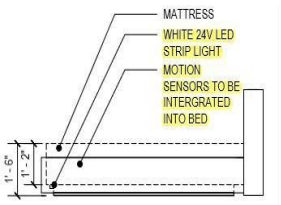
Code	Sensor	Wattage	Voltage	LED quantity	LED color	Lumen
FDL040-TH	touch on/off	12W	12V	72pcs	cool/warm white	900
FDL040-DM	touch dimming	12W	12V	72pcs	cool/warm white	900
FDL040-MT	PIR motion	12W	12V	72pcs	cool/warm white	900

* Specification based on standard size 1meter length. Customize length to be confirmed.

Customisable Lighting Profile & Accessories







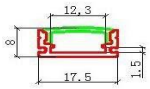
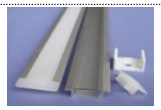
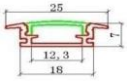
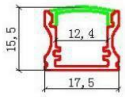
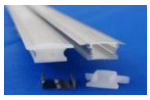
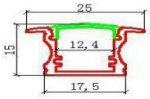
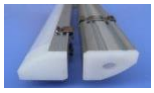
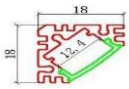
LED Strips

Product Model #	LED Type	LED/m	Light color	PCB (mm)	IP rate	Wattage(W)
FD3528-60-W-20	3528 SMD	60	white/blue/red/green	8 or 5	20	4.5
FD3528-60-RGB-20	3528 SMD	60	RGB color change	8 or 5	20	4.5
FD5050-60-W-20	5050 SMD	60	white/blue/red/green	10	20	14.5
FD5050-60-RGB-20	5050 SMD	60	RGB color change	10	20	14.5
FD2835-60-W-20	2835 SMD	60	white/blue/red/green	8 or 5	20	6.5
FD3014-60-W-20	3014 SMD	60	white/blue/red/green	8 or 5	20	6
FD5630-60-W-20	5630 SMD	60	white/blue/red/green	10	20	15
FD7020-60-W-20	7020 SMD	72	white/blue/red/green	12	20	18

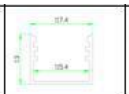
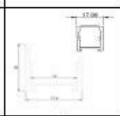
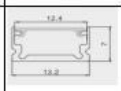
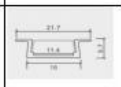
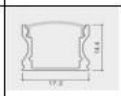
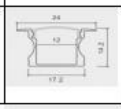
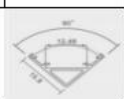
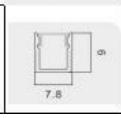
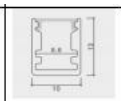
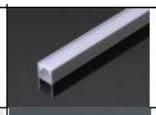
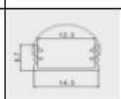
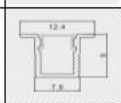
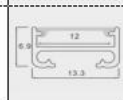
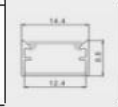
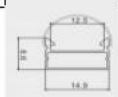
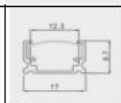
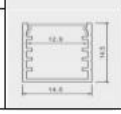
* 24V DC or 220-240V input * 90, 120 or 204 LED/m for more brightness * IP44 IP65 and IP68 water proof for outdoor use

Specifications

Aluminium anodized profiles with frosted cover. End caps and mount brackets included

MODEL #	Product Photo	Measurement (mm)	Features
FDA-001			➢ Ultimate thin 8mm ➢ Surface mount
FDA-002			➢ Ultimate thin 7mm ➢ Recess mount
FDA-003			➢ 15.5mm profile to create perfect even lighting – No visible LEDs ➢ Surface mount
FDA-004			➢ 15mm profile to create perfect even lighting – No visible LEDs ➢ Recess mount
FDA-005			➢ Angled profile

More profiles for cabinet/furniture lighting:

FDA103			17.4*13mm PCB:14mm
FDA104			18*21mm PCB: 14mm
FDA102			12(10.2)*10mm PCB:9mm
FDA001			13mm*07mm PCB:12mm
FDA002			21.7mm*5.7mm PCB:12mm
FDA003			17.2mm*14.4mm PCB:12mm
FDA004			24mm*14.2mm PCB:12mm
FDA005			15.8mm*15.8mm PCB:12mm
FDA006			08mm*09mm PCB:6.5mm
FDA007			10mm*13mm PCB:8mm
FDA008			14mm*07mm PCB:12mm
FDA009			12.4mm*09mm PCB:5.5mm
FDA010			13mm*07mm PCB:12mm
FDA011			14.4mm*8.8mm PCB:12mm
FDA012			14.9mm*8.6mm PCB:12mm
FDA013			17mm*9.7mm PCB:18mm
FDA014			15mm*07mm PCB:19mm
FDA015			14.5mm*14.5mm PCB:12mm

Cabinet Puck Lights

FDL107-M1

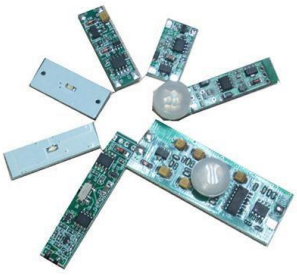
FDL107-M2

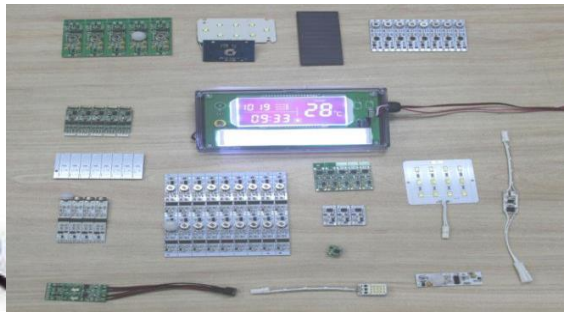
FDL107-M3

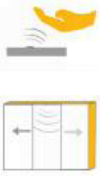
FDL115-M1

MODEL	Size (mm)	Voltage	Wattage/Lumen	Beam
FDL107-M1	Size Φ70 X 22, recess Φ60	12V DC	3W 300 lumen	120 °or 60°
FDL107-M2	Size Φ 64 X 10, recess Φ50	12V DC	2.5W 250 lumen	60° or 30°
FDL107-M3	Size Φ70 X 22, recess Φ60	12V DC	3W 300 lumen	120 °or 60°
FDL115-M1	Size Φ69.5 X 14	12V DC	2.5W 250 lumen	160 °

Built In Sensors

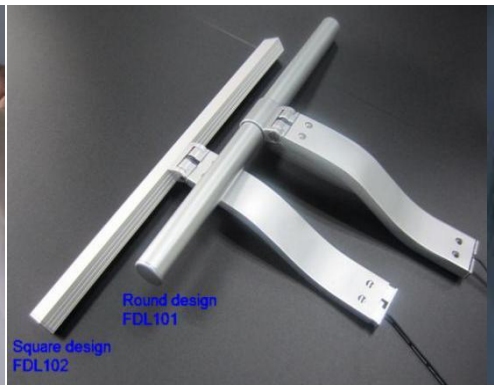




Model #	Product Photo	Application	Specification	Function	Size (mm)
FDS001-R			3-30V 48W	**On/Off touch sensor** by contact with plastic surface	L 33mm * W 12mm/9mm * H 4mm
FDS051			3-30V 24W	**PIR sensor swtich:** switch on/off at motion, sensor range 150cm 120 °	L 40mm * W 11mm * H7mm
FDS053-B			3-30V 36W	**IR hand Move& Door Sensor, sensor range 5-10cm**	L 50mm * W 11mm * H3mm

LED Over Cabinet and Mirror Light

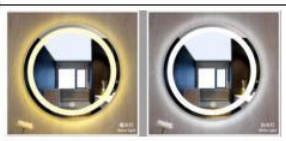
Model # FDL101 # FDL102

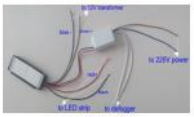
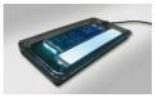
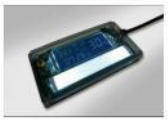


Code	Head design	Wattage	Voltage	LED color	Lumens
FDL101	round	3.5W	12V	3000K/4000K/6000K	300
FDL102	square	3.5W	12V	3000K/4000K/6000K	300

- PIR motion sensor is available / High lumen and even lighting / Light head is adjustable in 30 degree

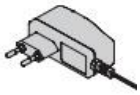
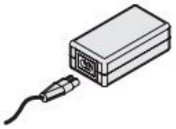
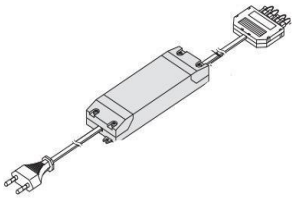
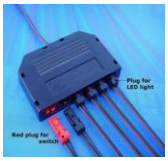
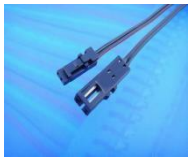
Mirror Light Accessories

FDS060		
FDS060-D		
FDS060-DC		

FDS060-TF		
FDS061		
FDS062		

*Defog film and whole system information provided on request

Power Supply

Model#	Input	Output	Rated Power	IP rate	Size mm	Photo
FDD009-P-7.5W	110-240V AC	12V DC	7.5W	IP20	59*24*59	
FDD009-P-18W	110-240V AC	12V DC	18W	IP20	75*39*47	
FDD009-P-24W	110-240V AC	12V DC	24W	IP20	88*46*52	
FDD009-P-36W	110-240V AC	12V DC	36W	IP20	85*50*50	
FDD009-48W	110-240V AC	12V DC	48W	IP20	120*53*32	
FDD009-60W	110-240V AC	12V DC	60W	IP20	120*53*32	
FDD009-72W	110-240V AC	12V DC	72W	IP20	132*58*32	
FDD009-84W	110-240V AC	12V DC	84W	IP20	140*60*38	
FDD009-96W	110-240V AC	12V DC	96W	IP20	140*60*38	
Distribution box plug & cable	Distribution box to use together with transformer.3, 4, 6 and 10 way   					

ELWA Energysavers Pty Ltd.

Add: Unit 3, 50-54 Deeds Road, North Plympton, SA, 5037
Tel: +61 (08) 8377 6666
Email: sales@elwa.com.au
Website: www.elwa.com.au