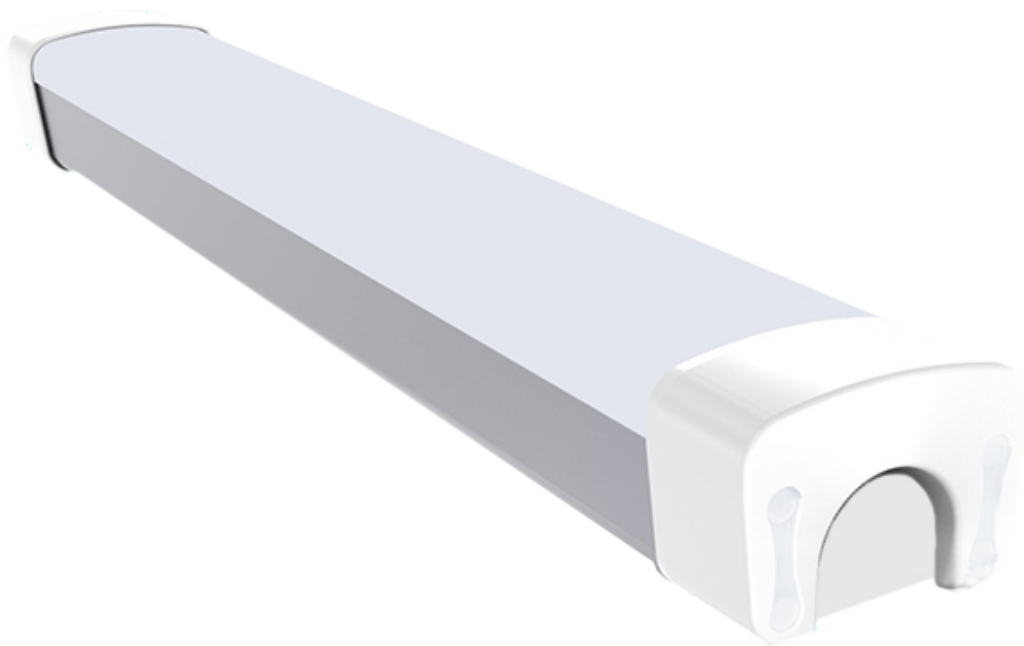# LU GEN4 ELV-BATTEN

BETTER LIGHTING - BETTER PERFORMANCE

ELV 300 / 600, linear batten is an Extra Low Voltage (ELV) LED suitable for 12V and 24V DC power systems.

Compact, high output, IP 65 Waterproof rating and IK 08 impact resistance. A perfect solution for lighting wet and dry areas at a safe voltage..

Available with an OPTIONAL built-in Micro-Wave sensor to activate on   ion for security or utility type applications.

IP65

IK08
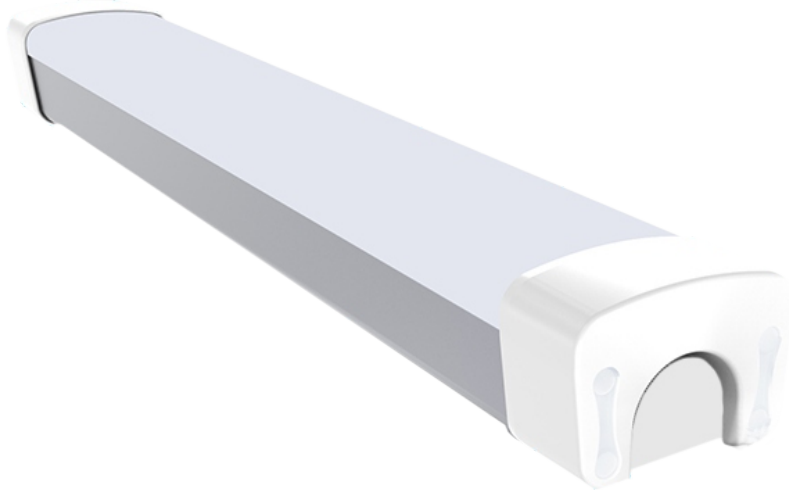
ELV10-32VDC

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p. +64 9 218 5318

DUALCOM TECHNOLOGY
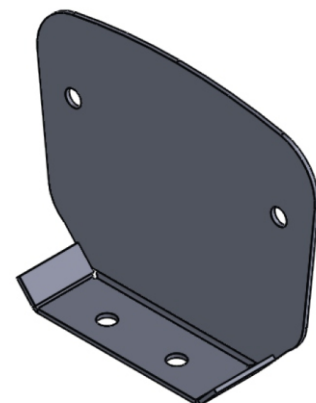
LU GEN4 ELV-BATTEN

BETTER LIGHTING - BETTER PERFORMANCE

3 YEAR WARRANTY

|	EXE300-10W-5K-V2	EXE600-20W-5K-V2
Light Source	LED SMD2835	LED SMD2835
Power Consumption	10W	20W
Colour Temp (CCT)	5000K	5000K
Lumen Output	1000Lm	2000Lm
CRI	›83 CRI	›83 CRI
Micro-Wave Sensor	*OPTIONAL*	*OPTIONAL*
Beam Angle	120 degree	120 degree
IP Protection Rating	IP 65	IP 65
IK Protection Rating	Ik08	Ik08
Overall Dimensions	L300*W90*H74mm	L600*W90*H74mm
Construction	AL+PC	AL+PC
Lens Type	Diffused	Diffused
Driver Type	ELV Internal Mulitvolt	ELV Internal Mulitvolt
Driver Input Voltage	10-32vDC	10-32vDC
Rated Lifespan	40,000+ hours	40,000+ hours

90

90

73.7
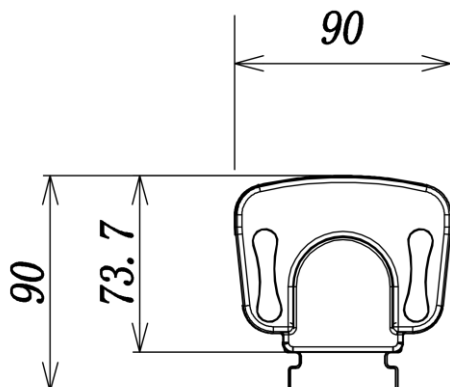
"Optional" Custom Mounting Bracket"

LU GEN4 ELV-BATTEN
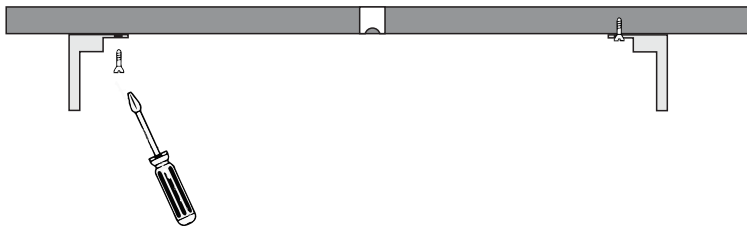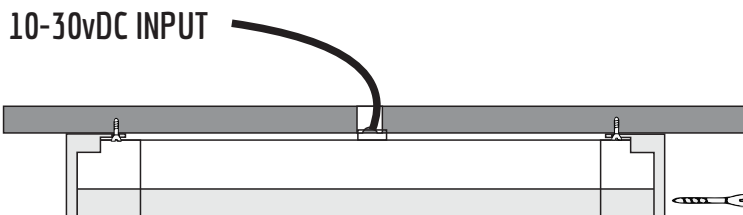
BETTER LIGHTING - BETTER PERFORMANCE
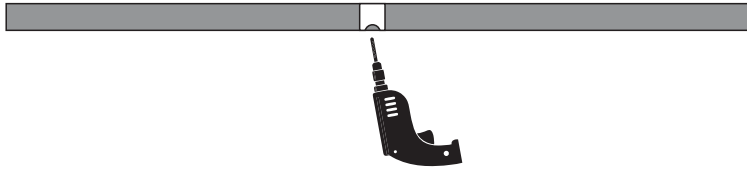
A. Drill 18mm hole for cable. This should be drilled in relation to the centre of light position.
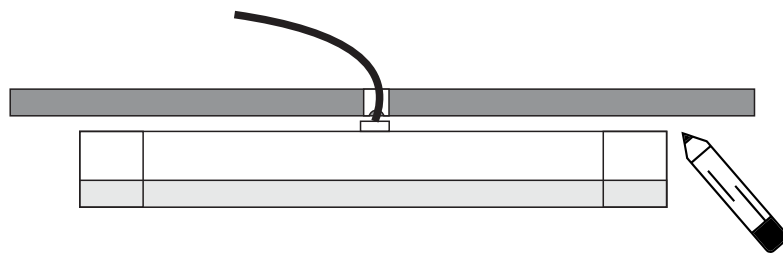
B. With a marker, pencil the batten light edge for new bracket position.

C. Position brackets and fix to wall or ceiling with screws.

10-30vDC INPUT

D. Attach batten light to new brackets with security screws provided.

*(M4*40mm Torx security screw)*

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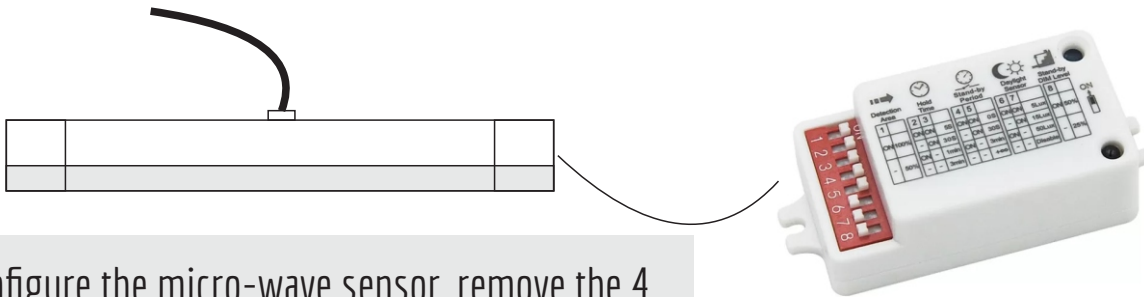www.dualcom.co.nz

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LU GEN4 ELV-BATTEN
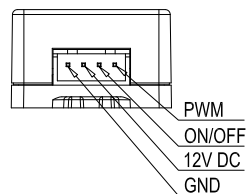
BETTER LIGHTING - BETTER PERFORMANCE

Optional Microwave and Daylight Sensor Settings

To configure the micro-wave sensor, remove the 4 screws to release end cap. You will see a white box inside with RED dip switch block.

Detection Area	1	2		Hold Time	3	4		Daylight Sensor	5	6		Operating Mode	7	8	
I	ON	ON	100%	I	ON	ON	5S	I	ON	ON	+∞	I	ON	ON	0S
II	-	ON	75%	II	-	ON	90S	II	-	ON	90lux	II	-	ON	30S
III	ON	-	50%	III	ON	-	3min	III	ON	-	15lux	III	ON	-	10min
IV	-	-	25%	IV	-	-	10min	IV	-	-	5lux	IV	-	-	+∞

ON

Example Operation.

After entering room, regardless of day or night (lux) the light will auto switch on to 100% brightness for 10 Minutes (see hold time). After Hold Time is complete, Light will drop to 20% brightness for 30s and turn Off.

Detection area - 1- OFF, 2- OFF *(Using 25% detection for smaller areas)*
Hold time – 3 - OFF, 4 - OFF *(10 minutes)*
Daylight senzor, 5 - ON, 6 – ON *(Function regardless of being day or night time)*
Operating mode, 7 – OFF, 8 – ON *(Operation after hold time ends)*

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LU GEN4 ELV-BATTEN

BETTER LIGHTING - BETTER PERFORMANCE

Microwave Motion Sensor

merrytek ®

MC002D 6
Sensor Module

CE

Wall light

Step dimming

ON/OFF function

Normal motion detecting

DC Operation

Daylight threshold

5 Year Guarantee

5 Year Guarantee

PWM
ON/OFF
12V DC
GND
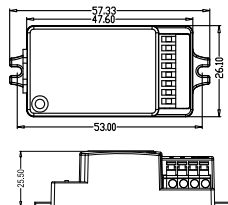
SPECIFICATIONS

Operating voltage	12VDC+/-2V
HF system	5.8GHz±75MHz, ISM wave band
Transmitting power	<0.5mW
Power consumption	≤0.5W(stand-by)
Detection Area(Radius)	4m Max.
Max. Mounting height	6m
Hold time	5s/90s/3min/10min
Stand-by Period	0s/30s/10min/+∞
Stand-by DIM Level	20%
Daylight sensor	5lux/15lux/50lux/disable
Operating temperature	-25℃~60℃
IP rating	IP20

Detection Pattern (typical)

3m

3.5m
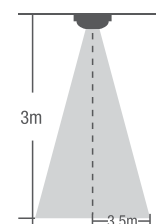
Detection area*

100%	3.5m
75 %	2.5m
50 %	1.5m
10%	1m

＊These data were tested by a 165cm height person and his walking speed is 1m/s.

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