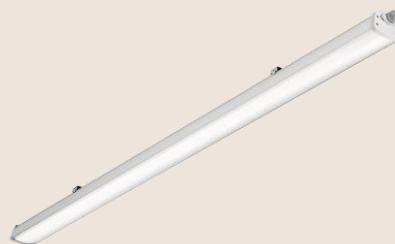


## LED Batten Armstrong

The slim and compact design of the Batten allows a wide range of installation possibilities. An intelligent rotation mechanism allows a simple installation and toolless connection of the cables. In addition, the luminaire is characterized by efficiency, long service life and resistance against external influences.



ITEM DESCRIPTION	ARTICLE CODE	EAN CODE	DIMMABLE	THROUGH WIRING
LED MPB 1170 32W/90D/840 230V	29001212	9 009453 010490	No	No
LED MPB 1470 45W/90D/840 230V	29001213	9 009453 010506	No	No
LED MPB 1200 32W/90D/840 230V TW	29001214	9 009453 010513	No	Yes
LED MPB 1500 45W/90D/840 230V TW	29001215	9 009453 010520	No	Yes
LED MPB 1200 32W/90D/840 230V TW DALI	29001216	9 009453 010537	DALI, switchDIM, corridorFUNCTION	Yes
LED MPB 1500 45W/90D/840 230V TW DALI	29001217	9 009453 010544		Yes

### GENERAL CHARACTERISTICS

	1200 mm	1200 mm DALI	1500 mm	1500 mm DALI
Luminaire Materials	Polycarbonate (PC)			
IP Rating	IP65			
Shock Resistance	IK08			
UV Resistance	Yes			
Rated Lifetime *	50 000 h			
Switching Cycles	100 000			
Start Time from 0% to 100%	< 0.5 s	< 0.7 s	< 0.5 s	< 0.7 s
Ambient Temperature	-20 °C - +40 °C			
Tc luminaire (Ta <sub>max</sub> = 35 °C)	50 °C		55 °C	
Mercury Content	0.0 mg			
Fixing	The luminaire is intended for indoor use or roofed outdoor areas only. For use in environments where an accumulation of conductive dust on the luminaire may be expected.			
Connection Type	3-pole push-in terminal for non-dimmable version 3-pole push-in terminal and 2-pole push-in terminal for DALI version			
Provided Installation Material	2 mounting brackets			
Guarantee	5 years manufacturer guarantee, 3 years full guarantee			

### LIGHT CHARACTERISTICS

Rated Luminous Flux	3500 lm	5000 lm
Luminous Efficacy	109 lm/W	111 lm/W
Color	Neutral White	
Color Temperature	4000 K	
Color Rendering Index	80	
Lumen Maintenance Factor (at end of nominal lifetime)	L80 B10	
Beam Angle	90°	
Unified Glare Rating **	< 25 UGR	

\* at an ambient temperature of 25 °C

\*\* X = 4H, Y = 8H, reflectance 70/50/20

## ELECTRICAL CHARACTERISTICS

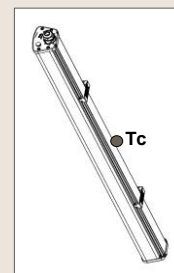
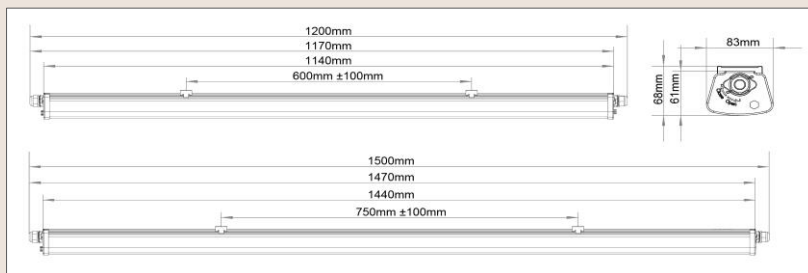
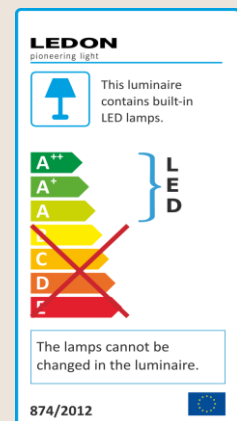
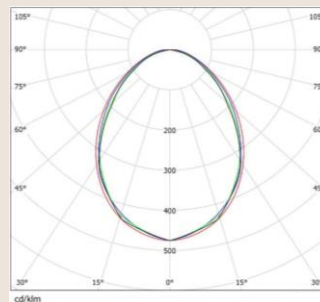
	1200 mm	1200 mm DALI	1500 mm	1500 mm DALI
Rated Wattage	32.0 W		45.0 W	
Power Input on Stand-By	n/a	< 0.15 W	n/a	< 0.15 W
Operating Frequency	50/60 Hz			
Supply Voltage	220-240 V AC			
Power Factor	> 0.95			
Input Current (measured value)	0.15 A		0.21 A	
Input Current (calculated value)	0.14 A		0.20 A	
Inrush Current	4.5 A / 36 $\mu$ s	22.4 A / 176 $\mu$ s	5 A / 37 $\mu$ s	22.4 A / 176 $\mu$ s
THD	< 15 %	< 10 %	< 15 %	< 10 %
Flicker Prozent (< 165 Hz)		< 3 %		< 3 %

## DIMENSIONS

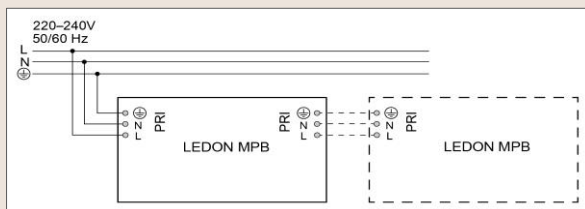
	1200 mm	1200 mm through-wiring	1500 mm	1500 mm through-wiring
Length	1170 mm	1200 mm	1470 mm	1500 mm
Width	83.3 mm	83.3 mm	83.3 mm	83.3 mm
Height (with bracket)	61 mm (68 mm)	61 mm (68 mm)	61 mm (68 mm)	61 mm (68 mm)
Weight	2.2 kg	2.3 kg	2.6 kg	2.8 kg

## GRAPHICS

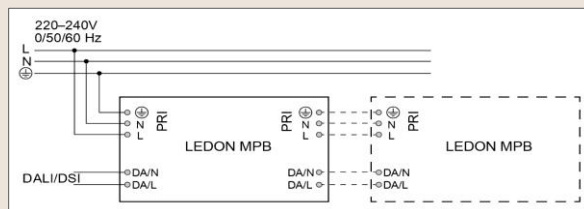
Luminaire	Typ. I <sub>peak</sub> /μs	Max. units per circuit breaker			
		Type	10 A	13 A	16 A
32 W	4.5 A / 36 $\mu$ s	B	50	65	80
		C	55	70	85
45 W	5 A / 37 $\mu$ s	B	35	45	55
		C	40	50	60
DALI versions	22.4 A / 176 $\mu$ s	B	13	17	22
		C	21	28	36



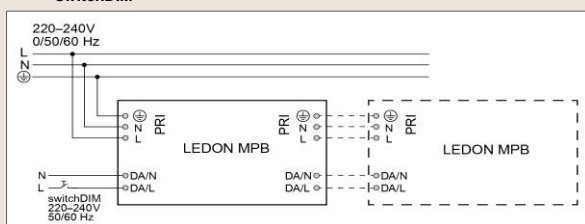
### Non-dimmable



### DALI



### switchDIM



### corridorFUNCTION

- program the corridorFUNCTION by means of software: a DALI-USB interface is needed in combination with a DALI PS
- activate the corridorFUNCTION without using software: a voltage of 230V has to be applied for five minutes at the switchDIM connection

Further information:  
<http://www.tridonic.com/en/products/lca-50w-100-400mA-one4all-lp-pre.asp>

Find here the instruction manual: <http://www.ledon.at/en/led-lamps/batten>

Data subject to change  
 Last updated on: 03.01.2018