





Code	Dimension(mm)					Size(mm)	Product Weight (Kg)		Package weight (Kg)		Carton Size(cm)	Qty/ CTN	20GP (pcs)	40HQ (pcs)
	A	B	C	D	E		N.W/PC	G.W/PC	N.W/CTN	G.W/CTN				
BL020015-45-4W	45	45	42	49	57	45x45x42	0.12	0.18	13.5	14.2	54x32x33.5	75	37800	88125
BL020015-76-6W	76	45	51	58	87	76x45x51	0.16	0.22	16.5	17.2	54x32x33.5	75	37800	88125
BL020015-105-9W	105	45	51	58	117	105x45x51	0.21	0.31	15.5	16.4	59.5x31.5x43	50	17100	40950
BL020015-75-11W	75	75	51	58	87	75x75x51	0.22	0.31	18.6	19.8	63.5x42x43	60	13500	33600
BL020015-147-13W	147	45	51	58	159	147x45x51	0.27	0.37	14.8	15.7	67x32.5x37	40	14160	34440
BL020015-105-23W	105	105	51	58	117	105x105x51	0.43	0.55	16.5	17.4	54x30.5x43	30	11970	28800
BL020015-280-25W	280	45	51	58	292	280x45x51	0.51	0.64	12.8	13.5	49x32.5x37	20	9720	23800
BL020015-413-37W	413	45	51	58	425	413x45x51	0.71	0.91	18.2	19.1	62.5x32.5x37	20	7560	18620

## Driver Datasheet (Non-dimmable)

Total load wattage		4W	6W	9W	11W	13W	23W	25W	37W
Output	Output Voltage range	2-4V	5-9V	9-18V	9-18V	9-18V	25-34V	25-34V	36-51V
	Rated output current	700mA							
	Line Regulation	±5%							
	Setup, Rise Time	0.5S							
	Flickering Index	1.5%							
Input	Input Voltage	AC 198-264V							
	Rated Input Voltage(V)	AC 220-240V							
	Frequency	50/60 Hz							
	Input Current	≤0.05A	≤0.04A	≤0.06A	≤0.07A	≤0.09A	≤0.13A	≤0.14A	≤0.21A
	Rated Input Current	≤0.04A	≤0.04A	≤0.06A	≤0.07A	≤0.08A	≤0.12A	≤0.13A	≤0.19A
	Power Factor	0.5	0.8	0.8	0.8	0.8	0.9	0.9	0.9
	THD	-					≤15%(230V)		
	Efficiency	65%	71%	78%	78%	78%	88%	88%	89%
	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:3KVac, <5mA 60S							
	Isolation Resistance	I/P-O/P: 500VDC, ≥100M Ω							
	Surge	IEC/EN61000-4-5(L-N:1KV)							
	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		9W	11W	13W	23W	25W	37W
Output	Output Voltage range	8-14V	8-14V	12-20V	26-42V	26-42V	30-52V
	Rated output current	700mA					
	Line Regulation	± 5%					
	Setup, Rise Time	≤0.5S (230VAC)					
	Flickering Index	1.5%					
Input	Input Voltage	AC 198-264V					
	Rated Input Voltage(V)	AC 220-240V					
	Frequency	50/60 Hz					
	Input Current	80mA	80mA	100mA	160mA	160mA	220mA
	Rated Input Current	46mA	56mA	66mA	117mA	127mA	187mA
	Power Factor	0.90					
	THD	-			≤20% (230VAC)		
	Efficiency	78%	78%	81%	86%	86%	87%
	No load wattage	≤0.5W @230VAC					
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(L-N:1KV)					
	EMC Emission	EN55015, EN61000-3-2					
	EMC Immunity	EN61000-4-2,3,4,5,6,8,11; EN61547					

Driver Datasheet (0-10V Dimmable )

Total load wattage		9W	11W	13W	23W	25W	37W
Output	Output Voltage range	3-84V					
	Rated output current	700mA					
	Line Regulation	± 3%					
	Setup, Rise Time	≤0.5S (230VAC)					
	Flickering Index	1.5%					
Input	Input Voltage	AC 180-264V					
	Rated Input Voltage(V)	AC 200-240V					
	Frequency	47-63 Hz					
	Input Current	300mA					
	Rated Input Current	50mA	62mA	73mA	128mA	139mA	206mA
	Power Factor	0.90					
	THD	≤20% (230VAC)					
	Efficiency	89%					
	No load wattage	≤0.5W @230VAC					
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(L-N:2KV)					
	EMC Emission	EN55015, EN61000-3-2					
	EMC Immunity	EN61000-4-2,3,4,5,6,8,11; EN61547					

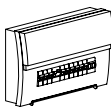
Driver Datasheet (DALI Dimmable )

Total load wattage		9W	11W	13W	23W	25W	37W
Output	Output Voltage range	3-84V					
	Rated output current	700mA					
	Line Regulation	± 3%					
	Setup, Rise Time	≤0.5S (230VAC)					
	Flickering Index	1.5%					
Input	Input Voltage	AC 180-264V					
	Rated Input Voltage(V)	AC 200-240V					
	Frequency	47-63 Hz					
	Input Current	300mA					
	Rated Input Current	50mA	62mA	73mA	128mA	139mA	206mA
	Power Factor	0.90					
	THD	≤20% (230VAC)					
	Efficiency	78%					
	No load wattage	≤0.5W @230VAC					
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(L-N:2KV)					
	EMC Emission	EN55015, EN61000-3-2					
	EMC Immunity	EN61000-4-2,3,4,5,6,8,11; EN61547					

Installation Procedure

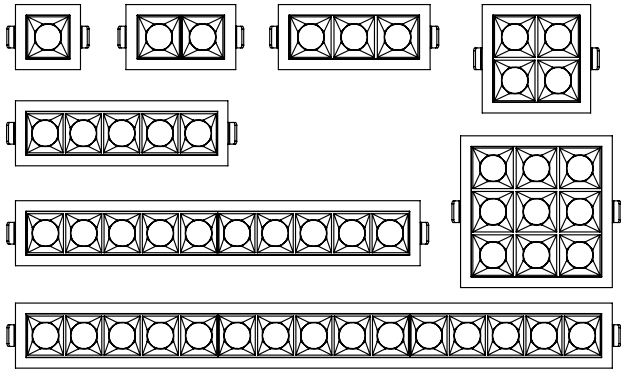
WARNING ⚡

- 1.Switch off before installation / maintenance.
- 2.Switch on only after complete installation and examination of the circuit.
- 3.Professional electrician for installation and maintenance only.



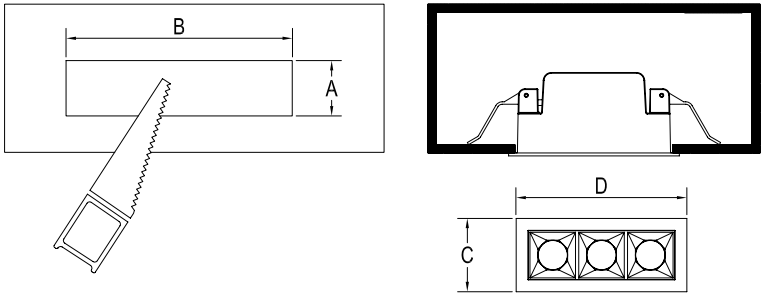
Turn Off power supply before starting any installation. Read instructions & check you have all the tools & accessories to complete the installation correctly.

Type A Symmetric light



Step 1

Open a hole according to the cutout size of the lamp.

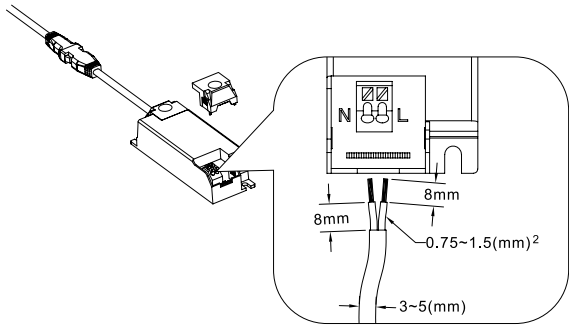


AxB mm	CxDmm
37x37	45x45
68x37	76x45
97x37	105x45
67x67	75x75
139x37	147x45
97x97	105x105
272x37	280x45
405x37	413x45

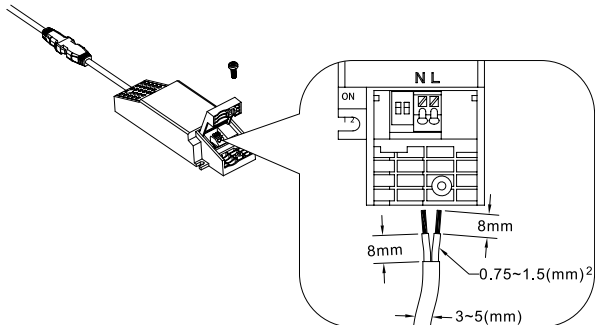
Step 2

Remove the driver cover, do wire connection accordingly, then fix the driver cover.

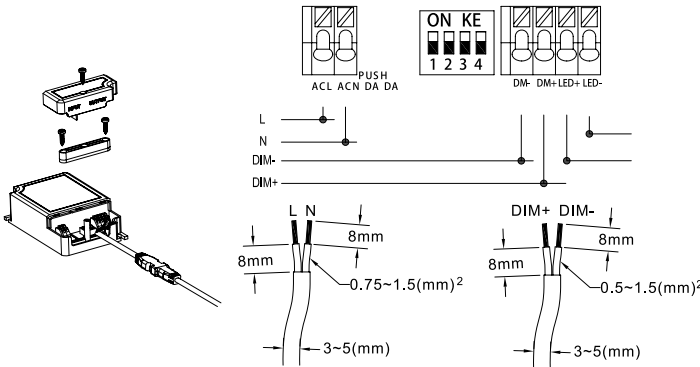
2.1 Non-dimmable driver



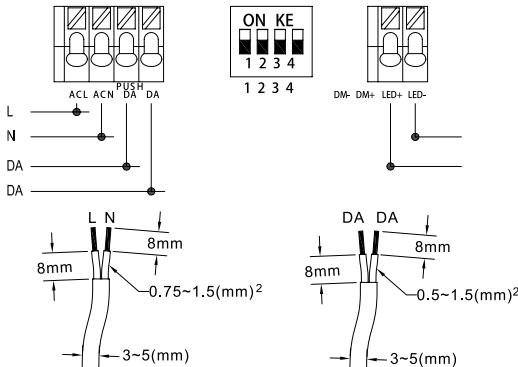
2.2 RPC triac dimmer( 10%-100%)



2.3 0-10V dimmable driver

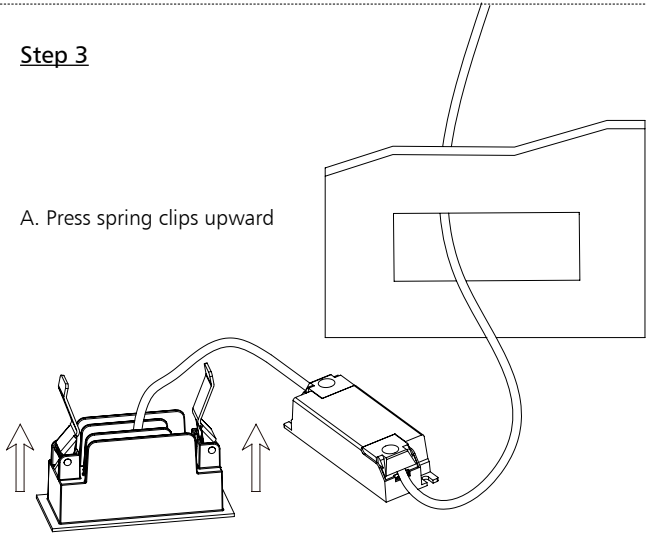


2.4 DALI dimmable driver



Step 3

A. Press spring clips upward



B. Push downlight into position

Step 4

Release spring clips which will hold luminaire securely

