PHILIPS

Clearflood

BVP650

0,25m

At 90º 0,26m² At 0º 0,04m² At 15º 0,10m² RG1

Inrush Current (230VAC) (Apk/µs)	106/300
Luminaire Surge Protection	6KV
Luminaire Surge Protection with SPD Optional	10KV

Type of electrical protection installation		Maximun number of luminaires to install	
		1 driver 150W	2 driver 150W
MCB16A	B TYPE	8	4
	C TYPE	13	6
MCB10A	B TYPE	4	2
	C TYPE	8	4

Tc max. of PCBA = 95ºC
Measurement in LED nr 63.

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Printed in Spain
Data subject to change without notice
Keep for future reference: www.philips.com/lighting

led color	ledgine	LEDs	Lamp lumen +/- 7%	W +/- 11%			Ta Max. °C	Ta Max. °C Indoor	Ta Min. °C	kg standard	kg citytouch
740/ 757	LED70-4S	48	7200	44	✓	✓	45	35	-40	15 Kg	16Kg
	LED80-4S		8000	49							
	LED100-4S	64	10000	60							
	LED120-4S		12000	73							
	LED140-4S	82	14000	87						16Kg	17kg
	LED160-4S		16000	100							
	LED180-4S		18000	112							
	LED200-4S		20000	128							
	LED220-4S		22000	142							
	LED240-4S	120	24000	148							
	LED260-4S		26000	160							
	LED280-4S		28000	176							
	LED300-4S		30000	190							
	LED320-4S		32000	205							
	LED340-4S		34000	220							
	LED360-4S		36000	235			45*	35*			
	LED380-4S		38000	255							
	LED400-4S		40000	270			35	25			

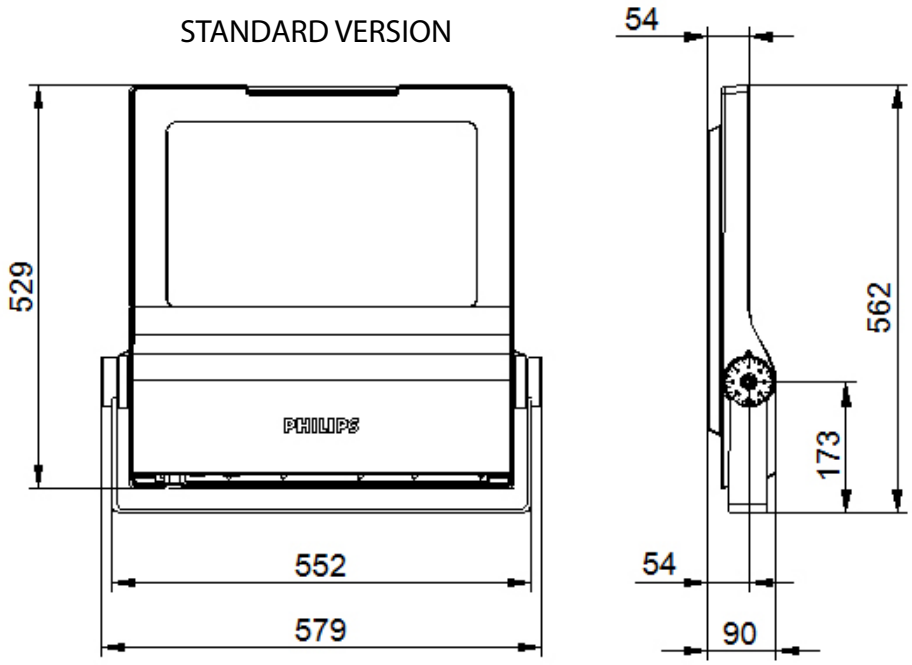
*Only for OFA52 and S optics (Check with Philips) . All optics are available for Ta 35°C outdoor / Ta 25°C indoor .

led color	ledgine	LEDs	Lamp lumen +/- 7%	W +/- 11%			Ta Max. °C Outdoor	Ta Max. °C Indoor	Ta Min. °C	kg standard	kg citytouch
830	LED70-4S	48	7000	56	✓	✓	45	35	-40	15 Kg	16Kg
	LED90-4S		9000	76							
	LED110-4S	64	11000	90							
	LED130-4S	82	13000	106						16Kg	17kg
	LED140-4S		14000	116							
	LED160-4S		16000	136							
	LED180-4S		18000	158							
	LED200-4S	120	20000	164							
	LED220-4S		22000	184							
	LED240-4S		24000	205							
	LED260-4S		26000	225							
	LED280-4S		28000	245							
	LED300-4S		30000	270			35	25			
	LED320-4S		32000	295							
	LED340-4S		34000	320			25	15			

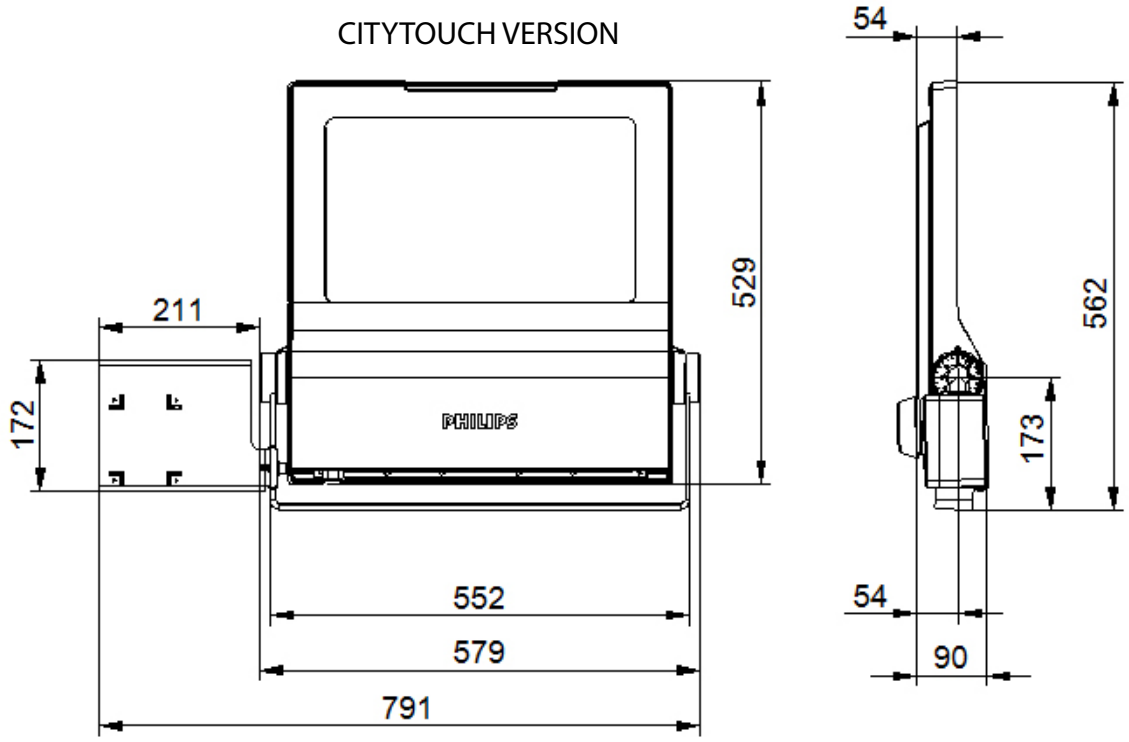
This luminaire must be installed only by qualified personnel

Disconnect before servicing

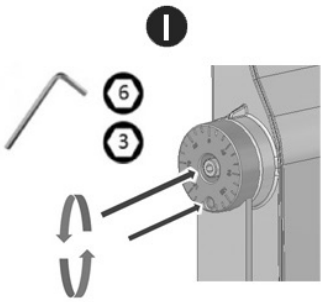
STANDARD VERSION



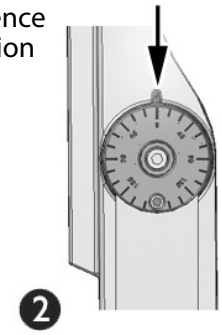
CITYTOUCH VERSION

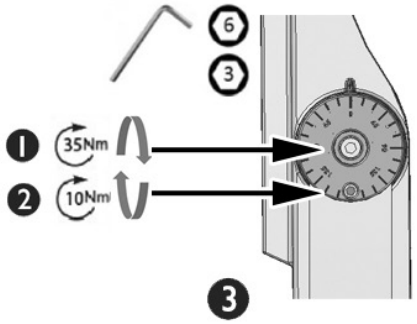


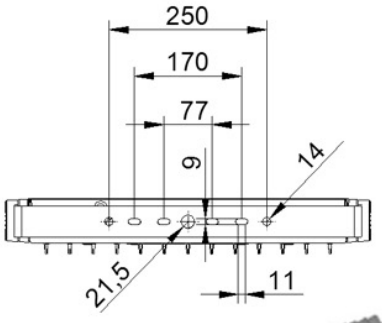
BRACKET FIXATION



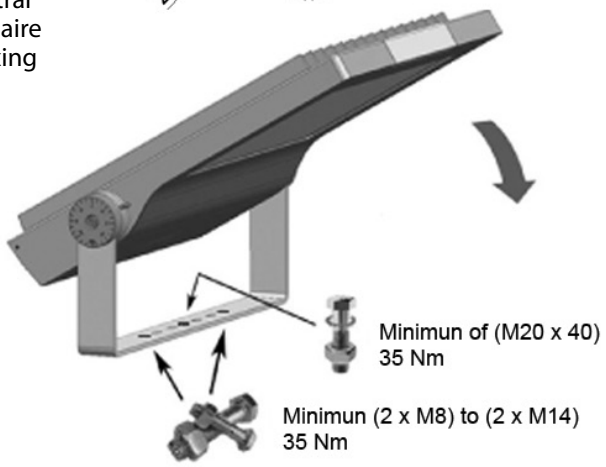
Reference position





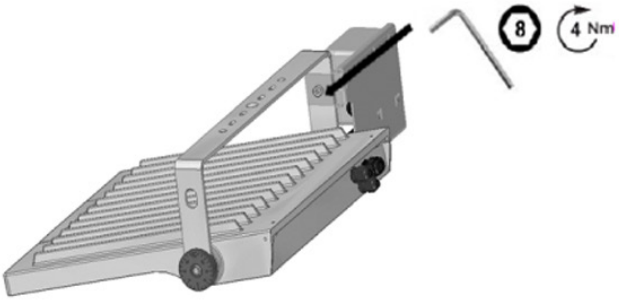


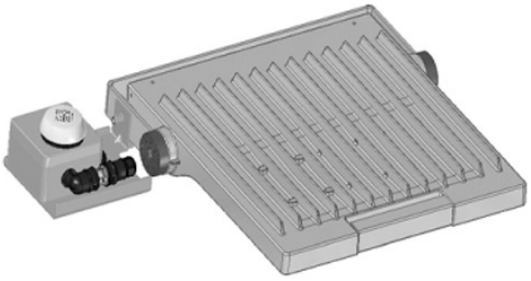
In case of using only the central hole fixation and if the luminaire is higher >3m, the use 2 nd fixing security system is needed.

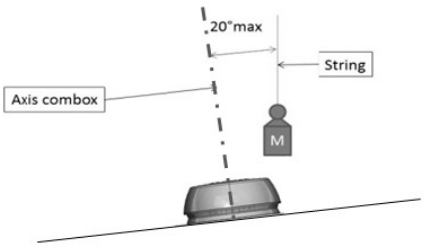


1

CITYTOUCH BOX INSTALLATION / FIXATION



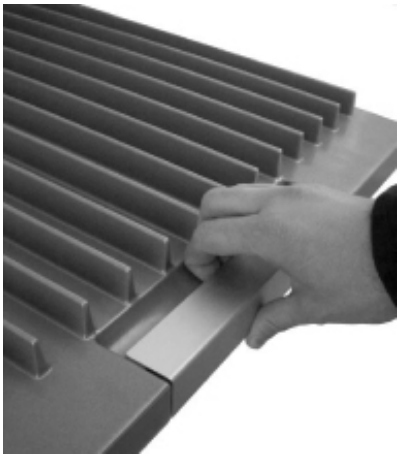




2

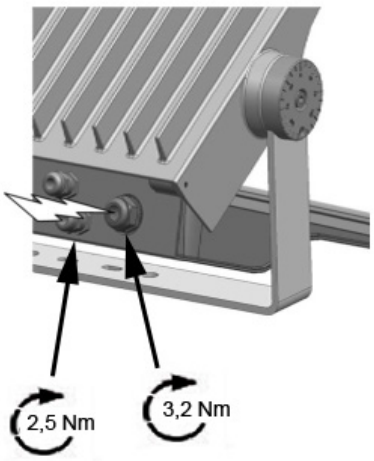
LUMINAIRE OPENING

1



2

TYPES OF MAIN CONNECTOR



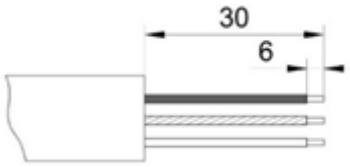
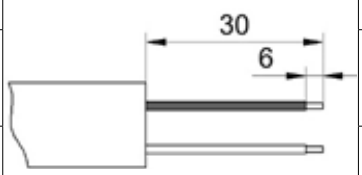
STANDARD MAIN IN
or MAIN + LINESWITCH

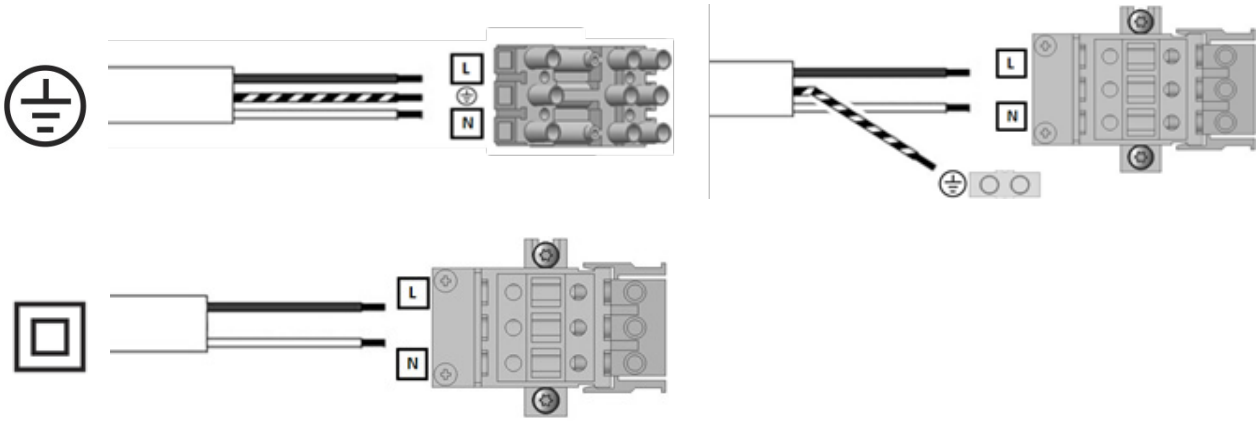
MAIN IN + DALI IN

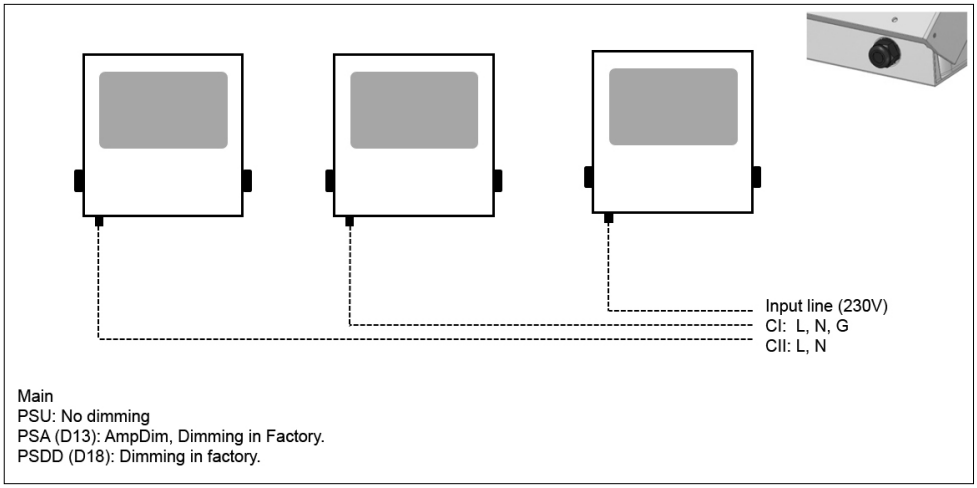
MAIN IN+
DALI IN / OUT

MAIN IN+ LINESWITCH IN / OUT

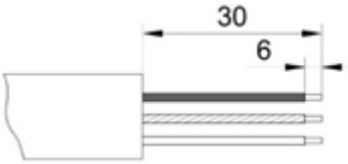
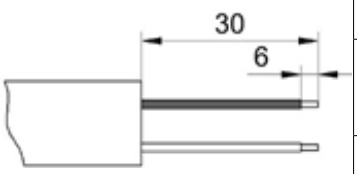
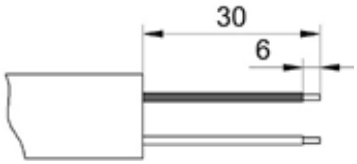
TYPES OF MAIN CONNECTOR

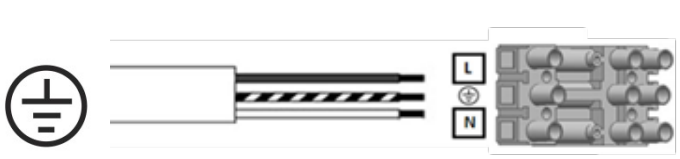
PSU, PSA (D13), PSDD (D18) CONNECTION					
Main connection Class-I			Main connection Class-II		
	L	LINE (Brown)		L	LINE (Brown)
	⏚	GROUND (Yellow & Green)		-	-
	N	NEUTRAL (Blue)		N	NEUTRAL (Blue)

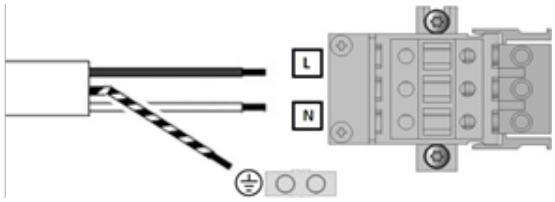


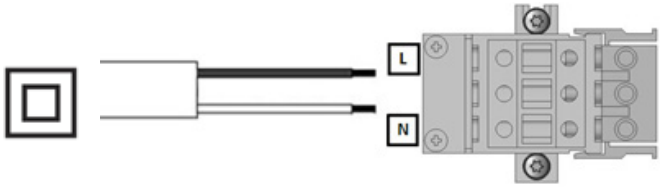


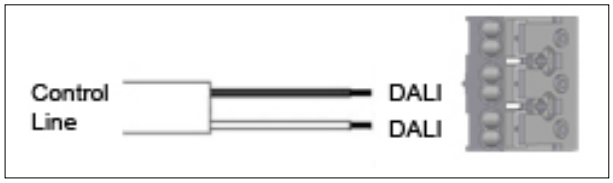
Main
PSU: No dimming
PSA (D13): AmpDim, Dimming in Factory.
PSDD (D18): Dimming in factory.

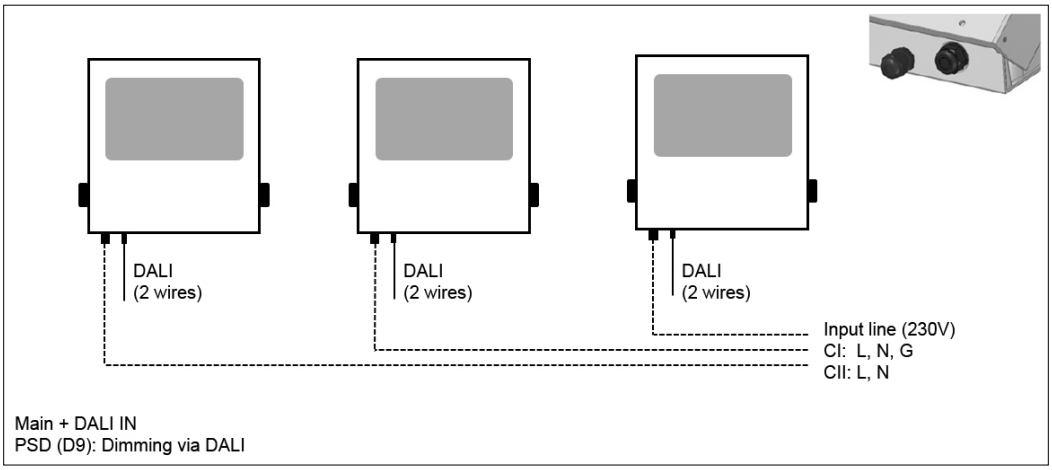
PSD DALI (D9) CONNECTION					
Main connection Class-I			Control connection I		
Ø6-12 mm (wire section 2 - 4 mm²)			Ø4-9 mm (wire section 1,5 - 2,5 mm²)		
	L	LINE (Brown)		1	DALI
	⏚	GROUND (Yellow & Green)		2	DALI
	N	NEUTRAL (Blue)			
Main connection Class-II					
Ø6-12 mm (wire section 2 - 4 mm²)					
	L			LINE (Brown)	
	N			NEUTRAL (Blue)	

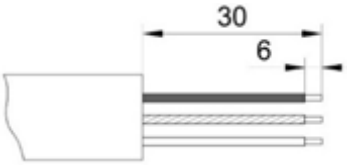
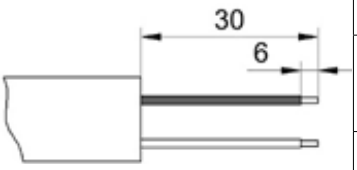
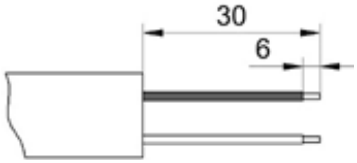


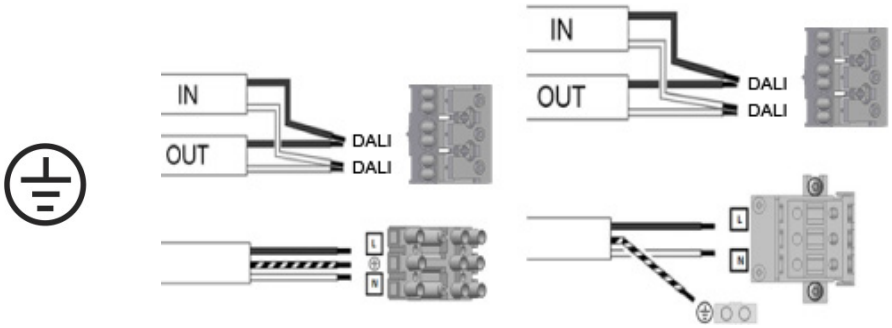


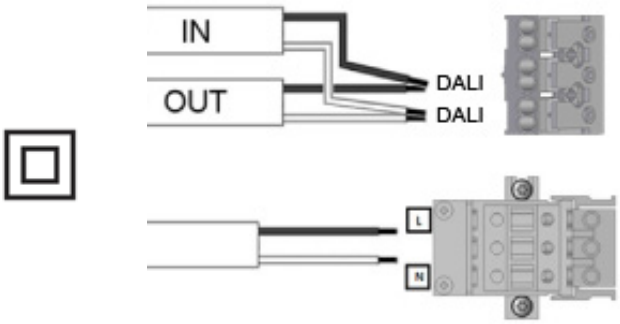


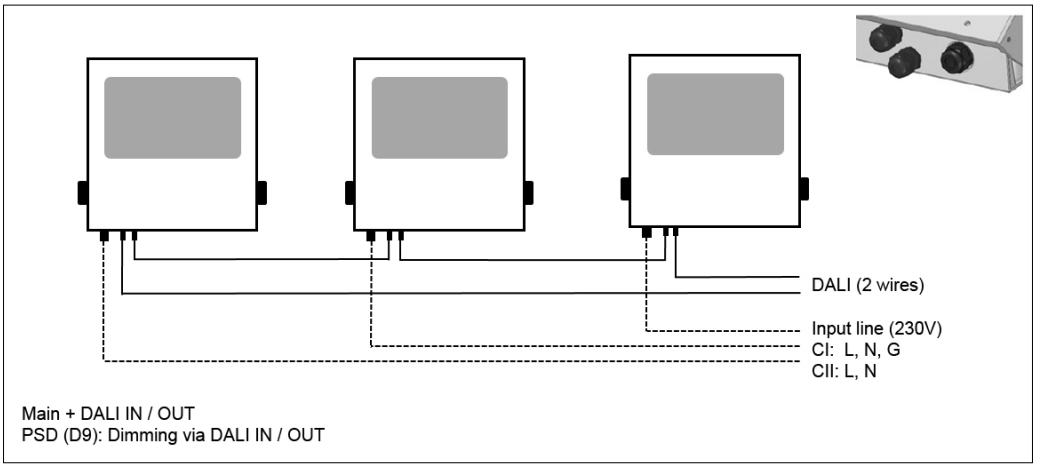


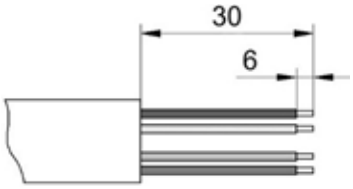
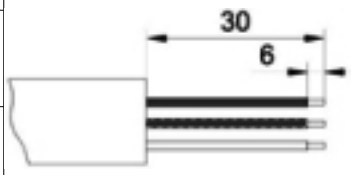


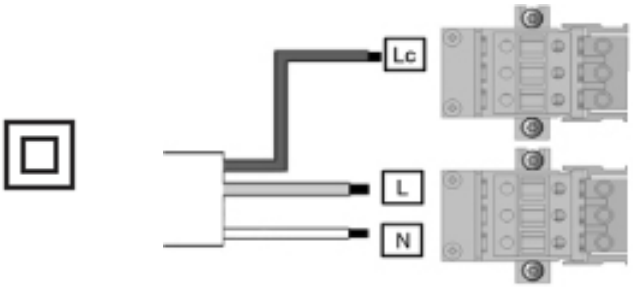
PSD DALI (D9) IN/OUT CONNECTION					
Main connection Class-I			Control connection IN/OUT		
Ø6-12 mm (wire section 2 - 4 mm²)			Ø4-9 mm (wire section 1,5 - 2,5 mm²)		
	L	LINE (Brown)		1	DALI
	⏚	GROUND (Yellow & Green)		2	DALI
	N	NEUTRAL (Blue)			
Main connection Class-II					
Ø6-12 mm (wire section 2 - 4 mm²)					
	L		LINE (Brown)		
	N		NEUTRAL (Blue)		

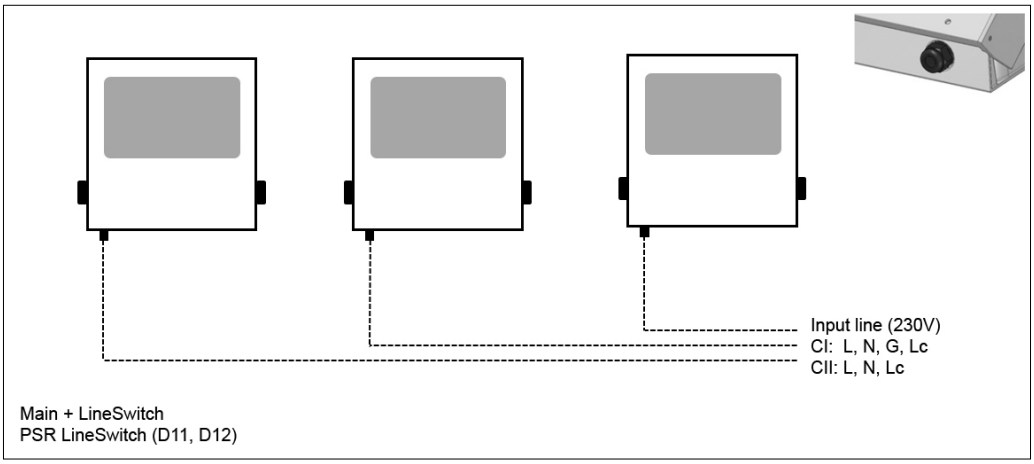


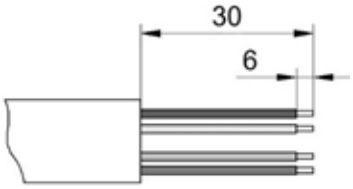
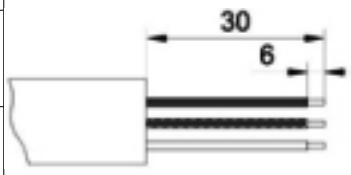


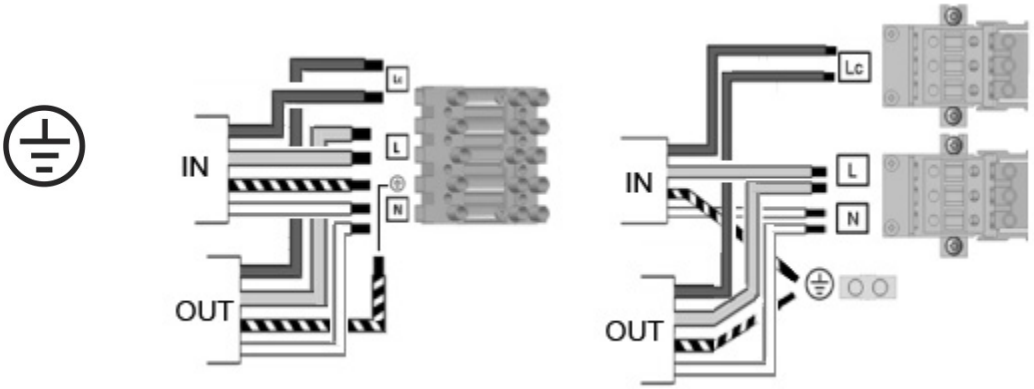


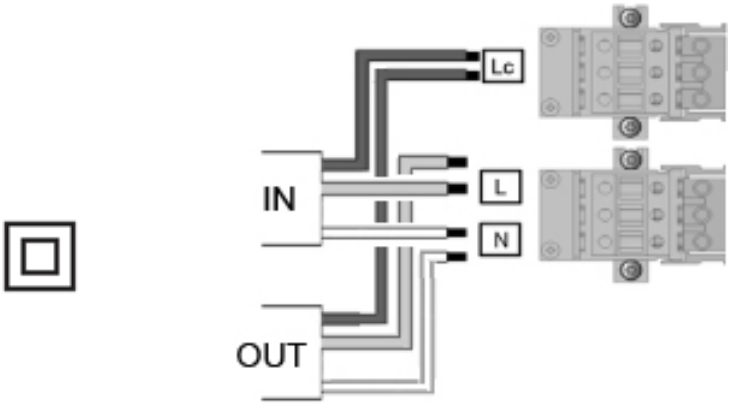
PSR Lineswitch (D11,D12) CONNECTION					
Main connector Class-I			Main connector Class-II		
Ø6-12 mm (wire section 2 - 4 mm²)					
	L	LINE (Brown)		L	LINE (Brown)
	⏚	GROUND (Yellow & Green)		-	-
	N	NEUTRAL (Blue)		N	NEUTRAL (Blue)
	L2	Lc		L2	Lc

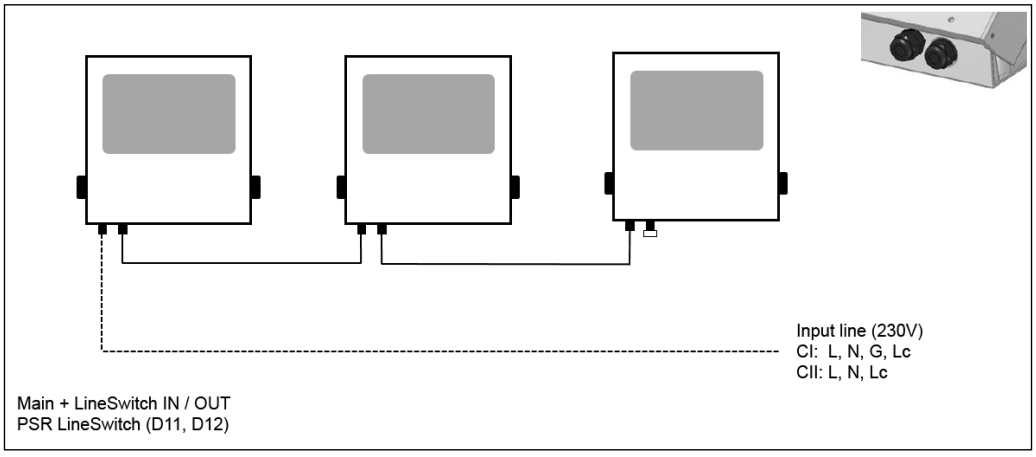




PSR Lineswitch (D11,D12) IN / OUT CONNECTION					
Main connector Class-I IN/OUT			Main connector Class-II IN/OUT		
Ø6-12 mm (wire section 2 - 4 mm²)					
	L	LINE (Brown)		L	LINE (Brown)
	⏚	GROUND (Yellow & Green)		-	-
	N	NEUTRAL (Blue)		N	NEUTRAL (Blue)
	L2	Lc		L2	Lc

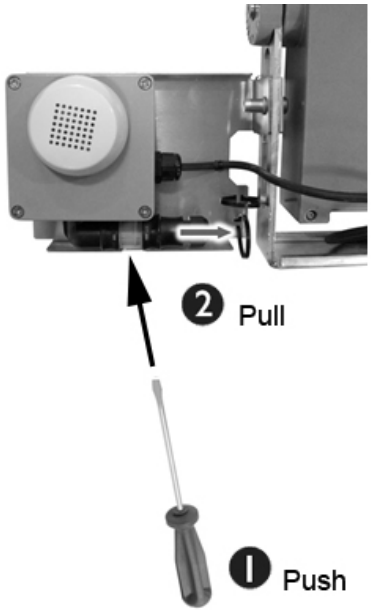




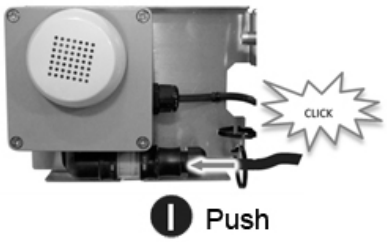


CITYTOUCH CONNECTION
Ø10-14 mm 2-4 mm²

OPEN MAIN CONNECTOR

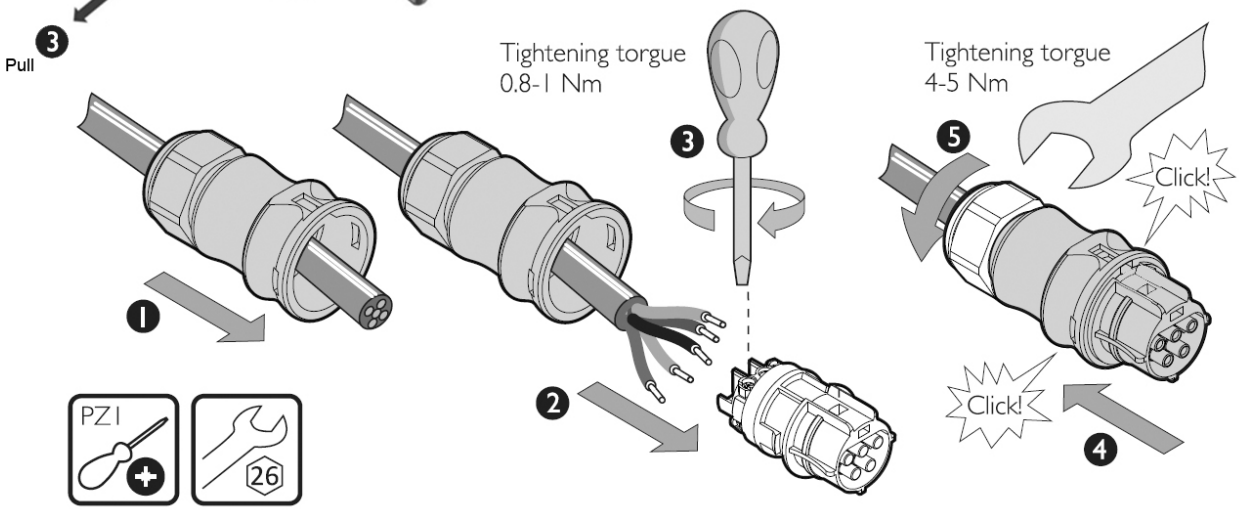


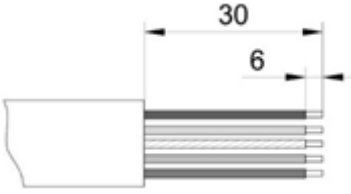
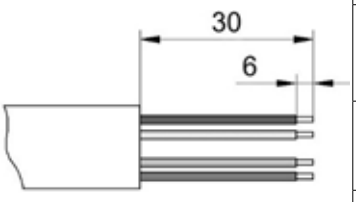
CLOSE MAIN CONNECTOR

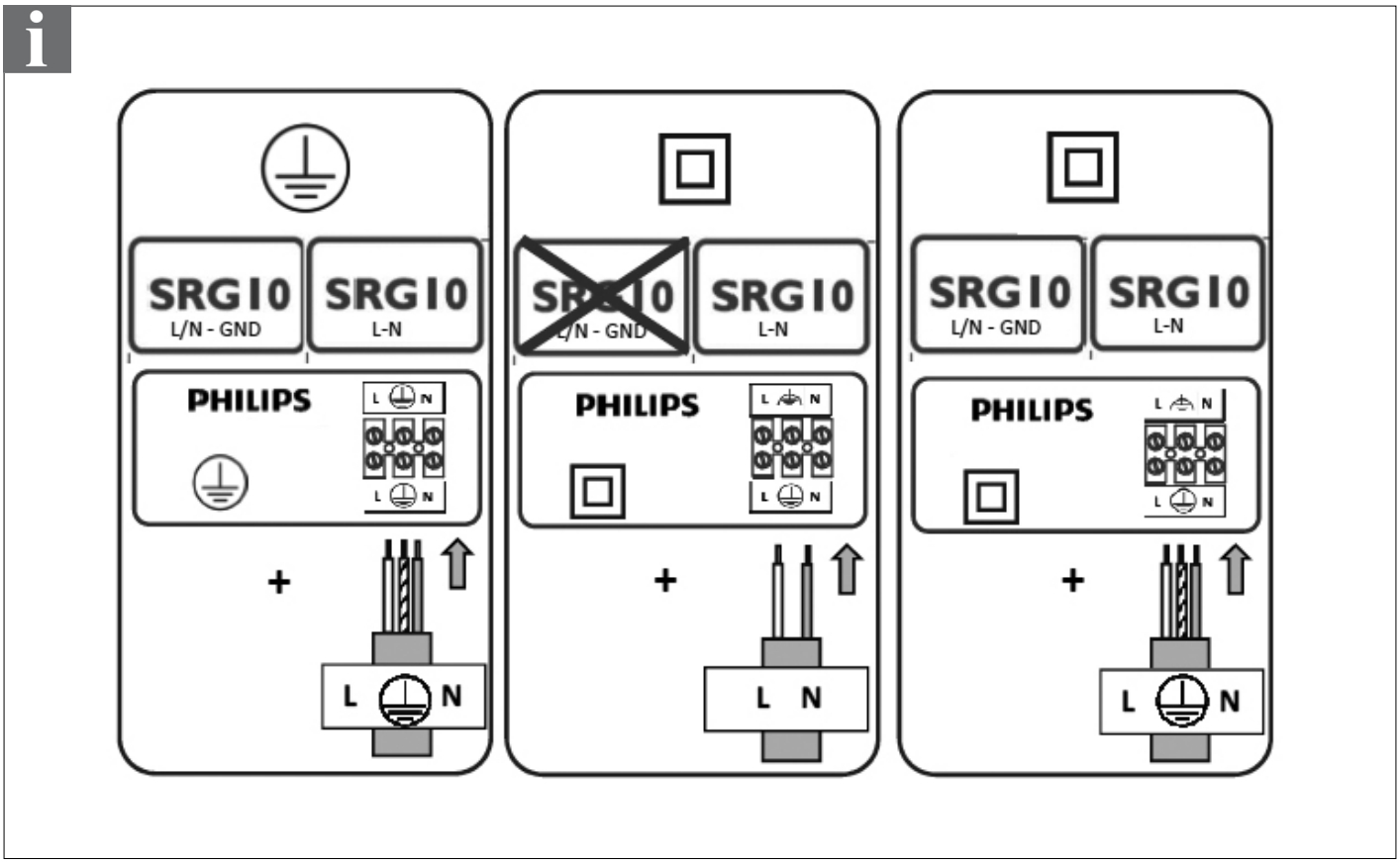


WIRE CONNECTION TO WIELAND

The connectors are not for current interrupting.
Never connect or disconnect under load.



CITYTOUCH CONNECTION					
Main connector Class-I			Main connector Class-II		
	L	LINE (Brown)		1	LINE (Brown)
	⏚	GROUND (Yellow & Green)		2	-
	N	NEUTRAL (Blue)		3	NEUTRAL (Blue)
	1	DALI		4	DALI
	2	DALI		5	DALI


SRG10
L/N - GND
SRG10
L-N
PHILIPS
L N
+
L N
SRG10
L-N
PHILIPS
L N
+
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L/N - GND
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+
L N

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