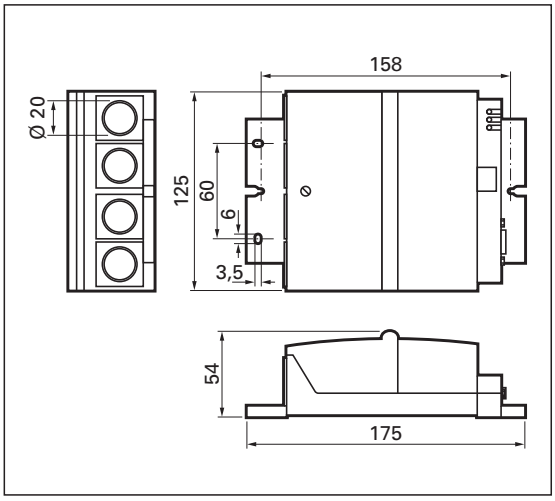
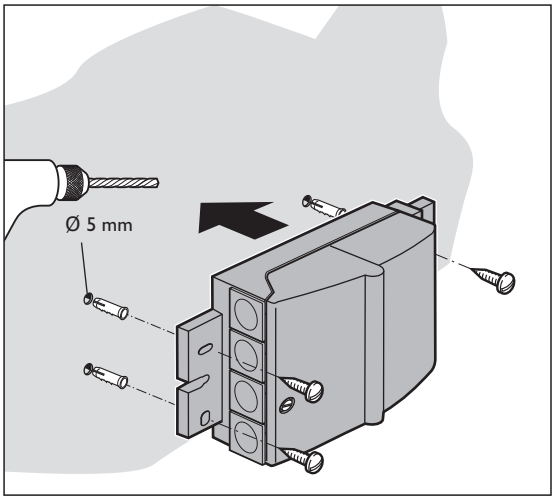
LRC1010, LRC1020, LRC1030

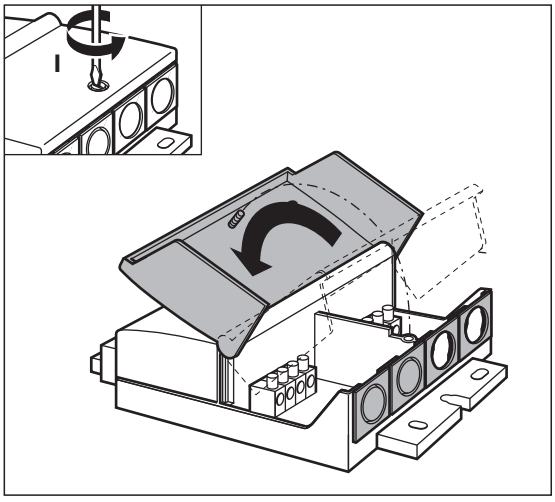
Installation instructions

Instructions de montage
Montageanleitung
Montage instructie
Istruzioni di montaggio
Instrucciones de montaje
Instruções de montagem
Monteringsinstruktioner
Monteringsvejledning
Kokoonpano- ja kiinnitysohjeet
Montaj yönergesi
Οδηγίες συναρμολόγησης
Instrukcja montazu



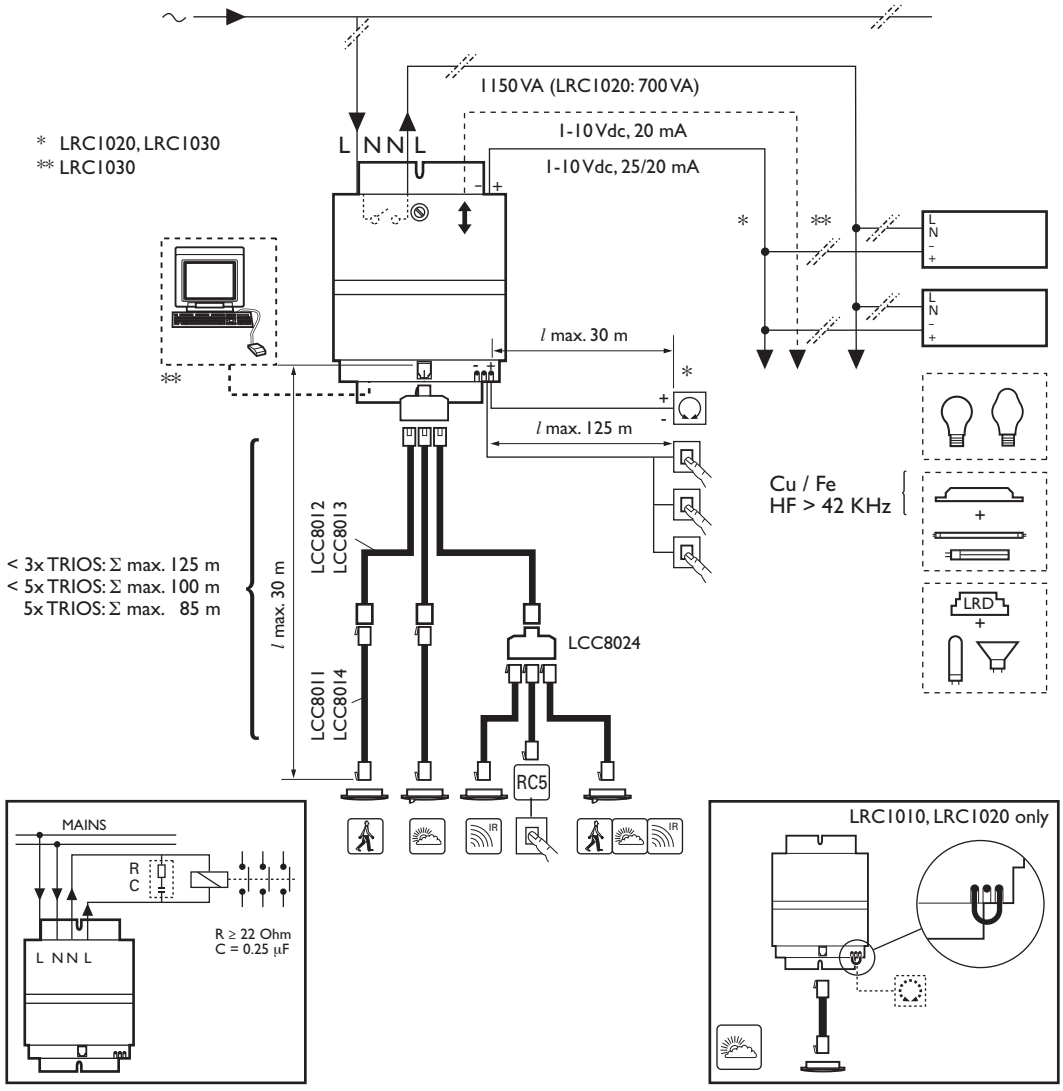






TRIOS multi functional light controller
LRC1010: switching only
LRC1020: switching and dimming
LRC1030: switching and dimming (programmable)

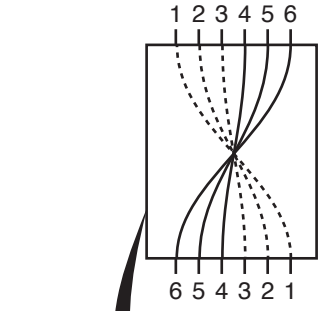
PHILIPS



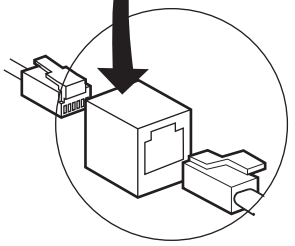
LEGEND

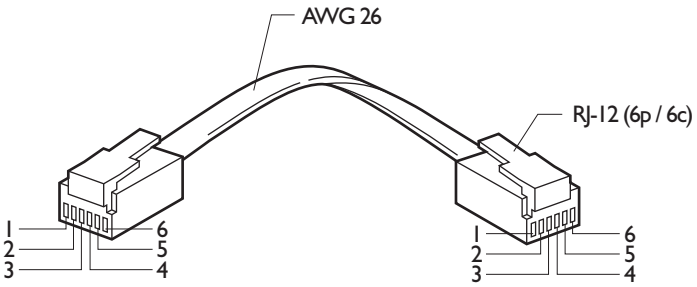
	GB	F	NL	D	I	E	S
IR	Infrared receiver	Récepteur infrarouge	Infra-rood ontvanger	Infrarot Empfänger	Ricevitore infrarosso	Receptor Infrarrojos	IR-mottagare
	Movement detector	Détecteur de mouvement	Bewegingsmelder	Bewegungsmelder	Rilevatore movimento	Detector de movimiento	Rörelse detector
	Light sensor	Cellule photo-électrique	Lichtmeetcel	Lichtsensor	Fotocellula	Fotocellula	Ljussensor
	Potentiometer	Potentiomètre	Potentiometer	Potentiometer	Potenziometro	Potenciometro	Potentiometer
	Push-button	Bouton poussoir	Druktoets	Taster	Pulsante	Pulsador	Tryckknapp
RC5	Push-button interface	Interface bouton poussoir	Drukknopinterface	Tastermodul	RC5-Interfaccia pulsanti	Codificador pulsadores	Tryckknappsinterface

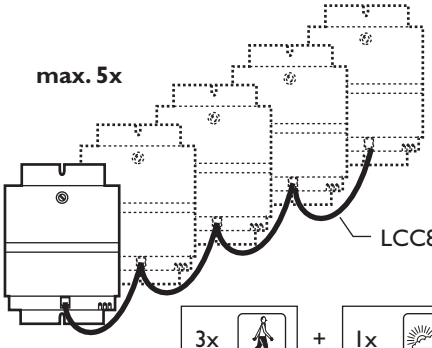
sensor cable

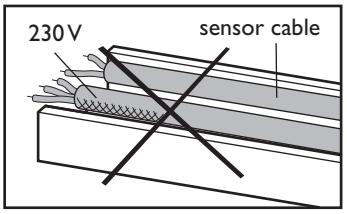


Pin / core	Colour wire	Function
1	White	+12 Vdc
2	Black	GND
3	Red	+5 Vdc
4	Green	
5	Yellow	RC5
6	Blue	





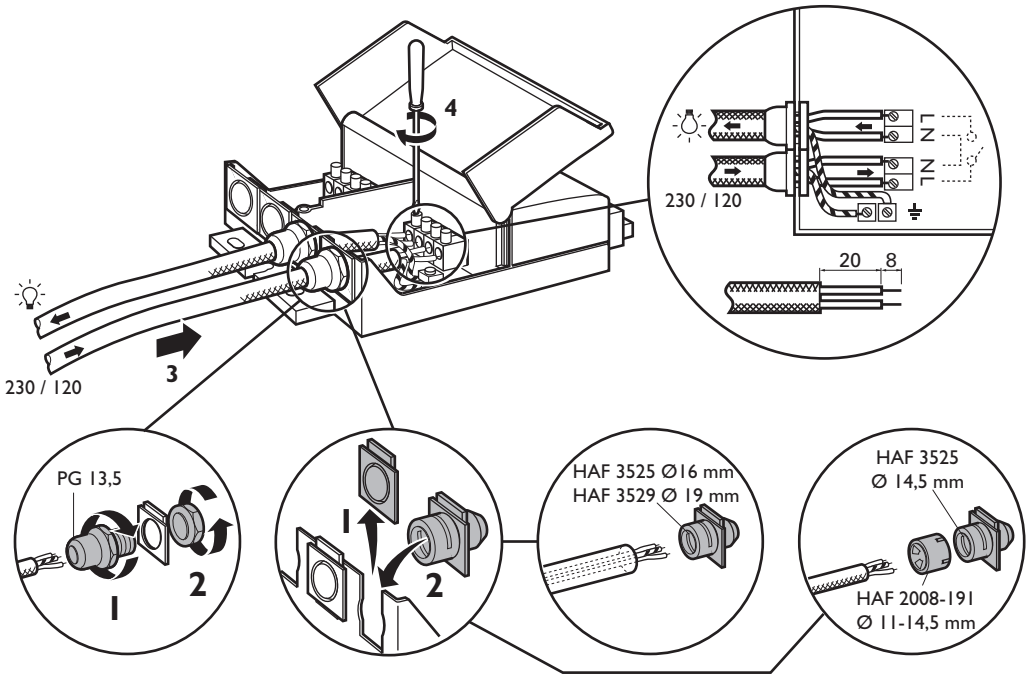




3x	+	1x	+	3x IR	=	40 mA @ 12 Vdc 9 mA @ 5 Vdc	✓
2x	+	~~2x~~	+	1x RC5	=	45 mA @ 12 Vdc	✗
5x	+	1x	+	2x IR	=	60 mA @ 12 Vdc 6 mA @ 5 Vdc	✗

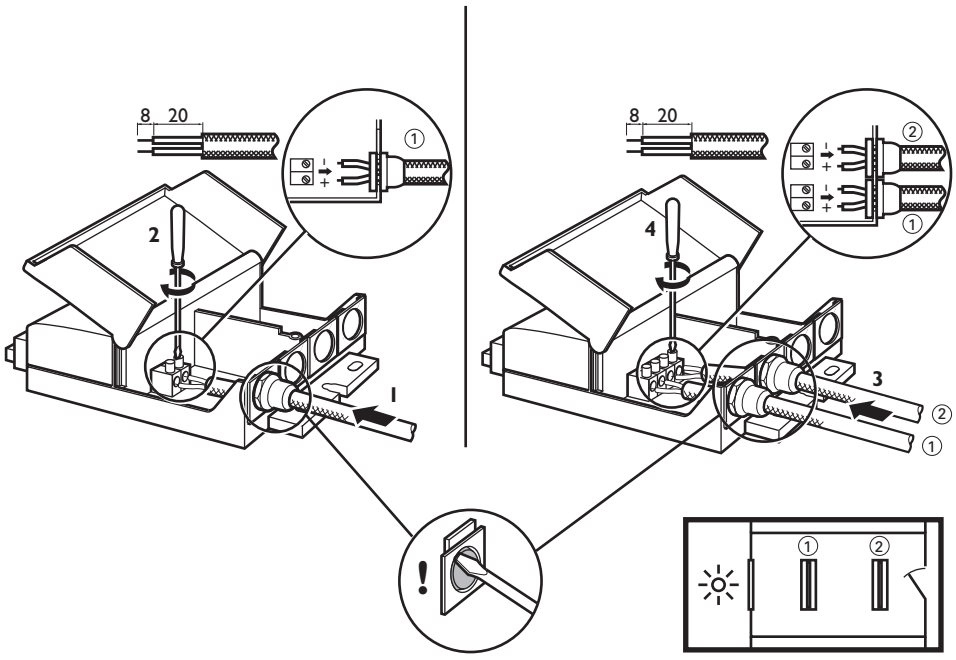
12 V	50 mA (max.)	10 mA max.5x	10 mA max.1x	RC5 5 mA max.6x	Σ ≤ 50 mA
5 V	9 mA (max.)	IR 3 mA max.3x			Σ ≤ 9 mA

230 Vac
LRC1010, LRC1020, LRC1030

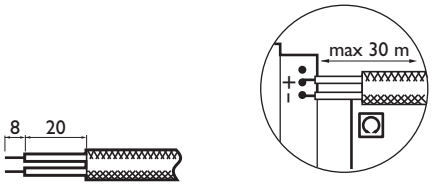


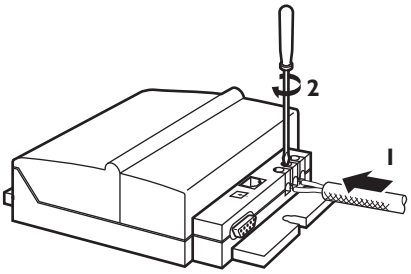
1-10 Vdc
LRC1020

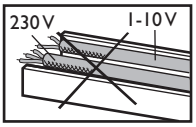
1-10 Vdc
LRC1030



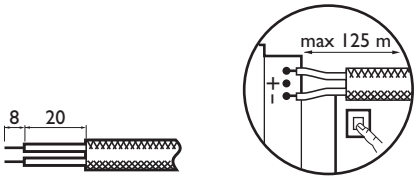
analogue input (1-10Vdc)
LRC1020, LRC1030

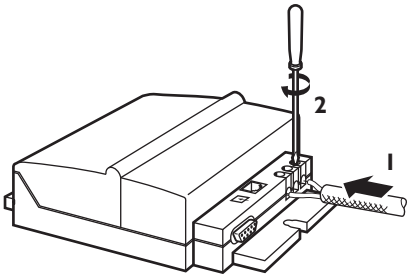


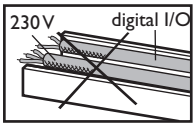




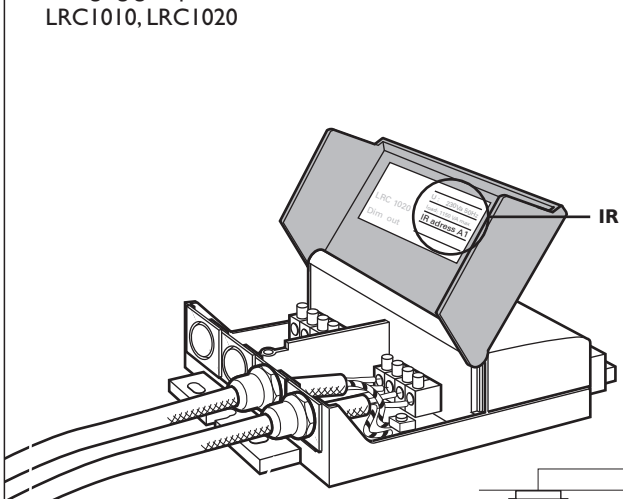
digital input (I/O)
LRC1010, LRC1020, LRC1030

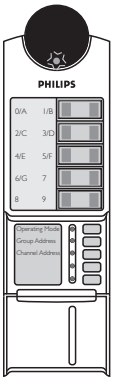




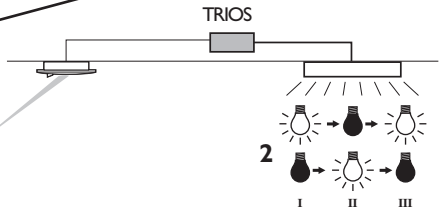


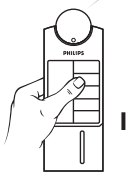
changing group / channel address
LRC1010, LRC1020











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Printed in EU
Data subject to change

http://www.philips.com/lightingcontrols

Technical information

- Mains supply	LRC10x0	230 Vac +/- 10 %; 50 Hz / 60 Hz +/- 5 %
- Output switching	LRC10x0	1150 VA, any lighting load
- Output regulation	LRC1010	N.A.
	LRC1020	1 x 1-10 Vdc; 25 mA current sinking
	LRC1030	2 x 1-10 Vdc; 20 mA current sinking each
- Analogue input	LRC1010	N.A.
	LRC1020, LRC1030	screw connections for a 1-10 Vdc (current sinking) potentiometer.
- Digital input	Screw connections for push-button. Digital input is active low	
- Screw connections	All screw connections are suited for solid or stranded wires with a cross-section of 0.5 .. 2.5 mm^2.	
- Sensor input	1 modular socket for 6-pin telejack plug or branching connector. Sensor input suited for: - IR receiver - Pushbutton interface unit - Light sensor - Movement detector	
- Programming input	LRC1030 only	Connector (9-pin; D-sub) for PC programming tool
- Mounting	Screw mounting against a wall or ceiling	
- Operating conditions		
Operating temp.	5 .. 55 °C	
Rel. humidity	15 .. 90 %, no condensation	
- Safety		
Housing	Protection class IP20	
Flammability class.	V0	
Mains part	Double insulation (4 kV) between: - mains and sensor part, - mains and control voltage	
Sensor part	Basic insulation (2 kV) between - sensor part and control voltage	
Sensor cables	Cables comply with signal wire rules.	
Ballasts/dimmers	Connected dimmers and regulating ballasts shall have at least basic insulation at their 1-10 V input.	
Safety compliance	IEC 669-2	