

CitySphere BDP780 / BDP781 / BDP782

Mounting instruction

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

Szerelési utasítások

Návod k montáži

Монтажная инструкция

						
						
Max. 16 Kg	0.1 m²	RG1				

BDP780

	LED	Lamp Color	W _(max) *				 Max.	 Min.
			NW	WW				
ECO70	56	WW	-	66	•	•	35 °C	-20 °C
ECO80	56	NW / WW	66	77	•	•	35 °C	-20 °C
ECO90	56	NW / WW	75	89	•	•	35 °C	-20 °C
ECO100	56	NW / WW	85	101	•	•	35 °C	-20 °C
ECO110	56	NW / WW	96	115	•	•	35 °C	-20 °C
ECO120	56	NW	107	-	•	•	35 °C	-20 °C
GRN30	56	NW / WW	26	29	•	•	35 °C	-20 °C
GRN40	56	NW / WW	33	37	•	•	35 °C	-20 °C
GRN50	56	NW / WW	41	46	•	•	35 °C	-20 °C
GRN60	56	NW / WW	48	55	•	•	35 °C	-20 °C
GRN70	56	NW	56	-	•	•	35 °C	-20 °C

*With colour ring add 17W

20029156_E

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Data subject to change

Printed in Spain

www.philips.com/lighting

PHILIPS

BDP781

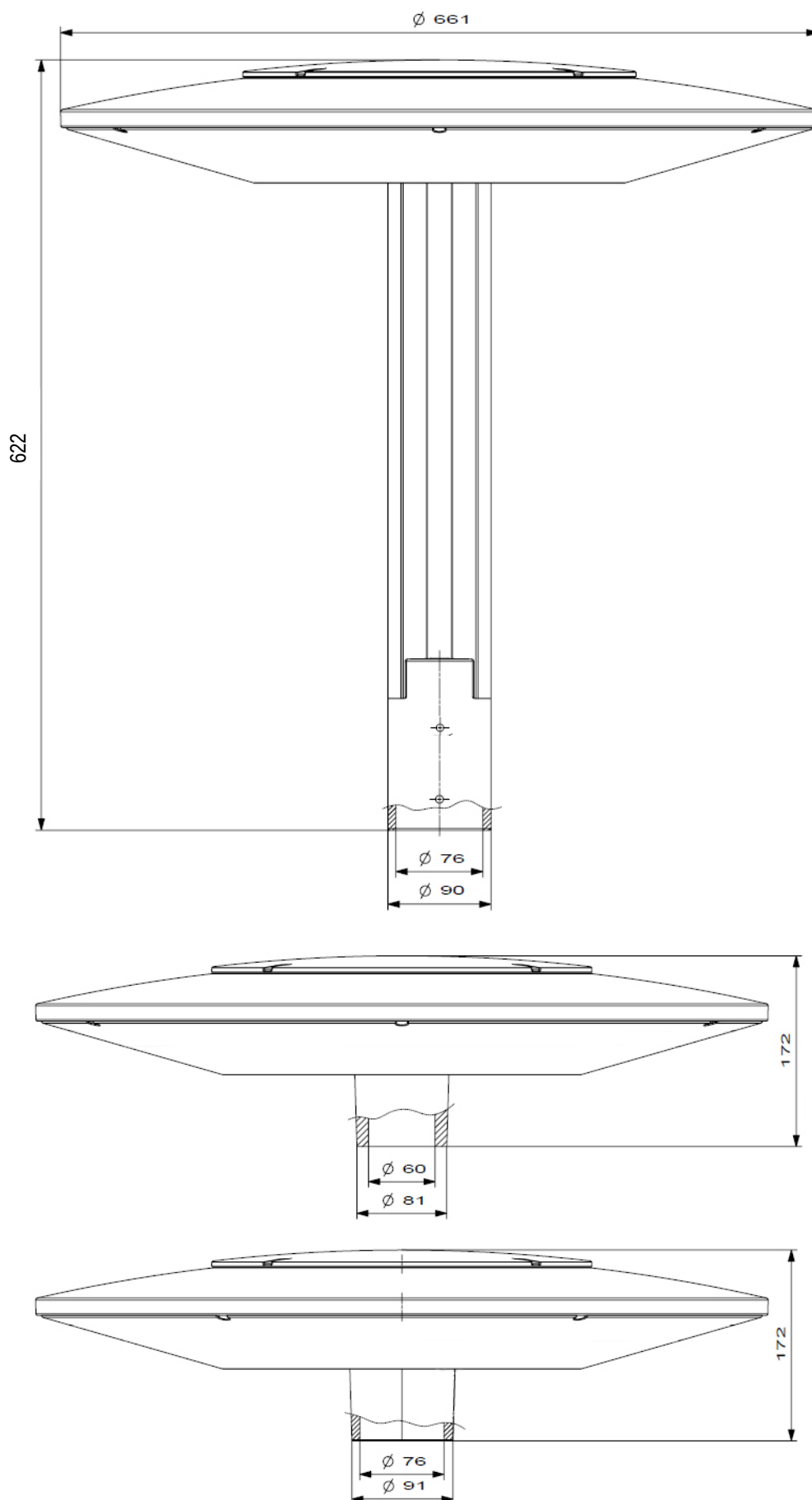
	LED	Lamp Color	$W_{(max)} *$				 Max.	 Min.
			NW	WW				
ECO40	28	NW / WW	34	40	•	•	35 °C	-20 °C
ECO50	28	NW / WW	44	52	•	•	35 °C	-20 °C
ECO60	28	NW / WW	54	63	•	•	35 °C	-20 °C
GRN25	28	NW / WW	22	25	•	•	35 °C	-20 °C
GRN30	28	NW / WW	26	29	•	•	35 °C	-20 °C

*With colour ring add 17W

BDP782

	LED	Lamp Color	$W_{(max)} *$				 Max.	 Min.
			NW	WW				
ECO25	16	NW / WW	23	26	•	•	35 °C	-20 °C
ECO30	16	NW / WW	27	32	•	•	35 °C	-20 °C
GRN15	16	NW / WW	14	16	•	•	35 °C	-20 °C
GRN20	16	NW / WW	18	21	•	•	35 °C	-20 °C

*With colour ring add 17W



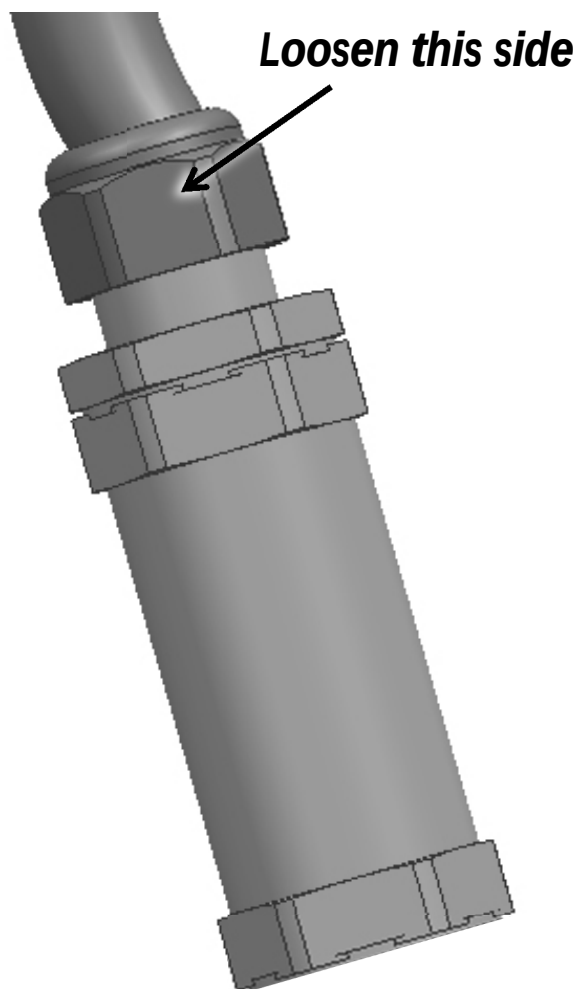
1



2

①

Remove this end



3



2

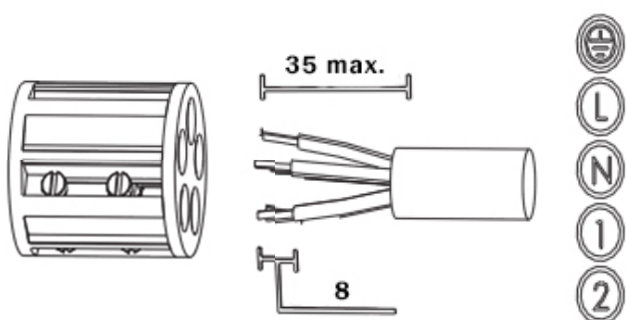
Introduce the cable thru the cablegland



*Cable diameter from 5 to 13 mm
(3 or 5 poles → cross-section 1.5 to 2.5mm²)*

3

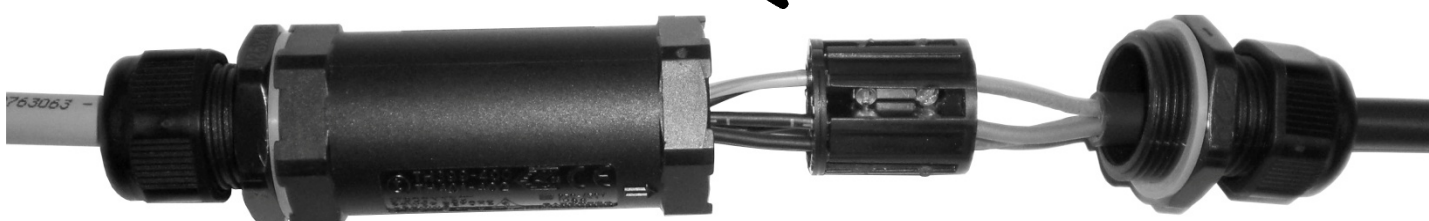
Connect following the marks (3 or 5 poles)



	Standard		With Control Line		With Dali	
	CI	CII	CI	CII	CI	CII
L	Line (Main)	Line (Main)	Line (Main)	Line (Main)	Line (Main)	Line (Main)
	Earth	-	Earth	-	Earth	-
N	Neutral (Main)	Neutral (Main)	Neutral (Main)	Neutral (Main)	Neutral (Main)	Neutral (Main)
1	-	-	Lc	Lc	Dali	Dali
2	-	-	Nc	Nc	Dali	Dali

4

*Introduce the
connector*



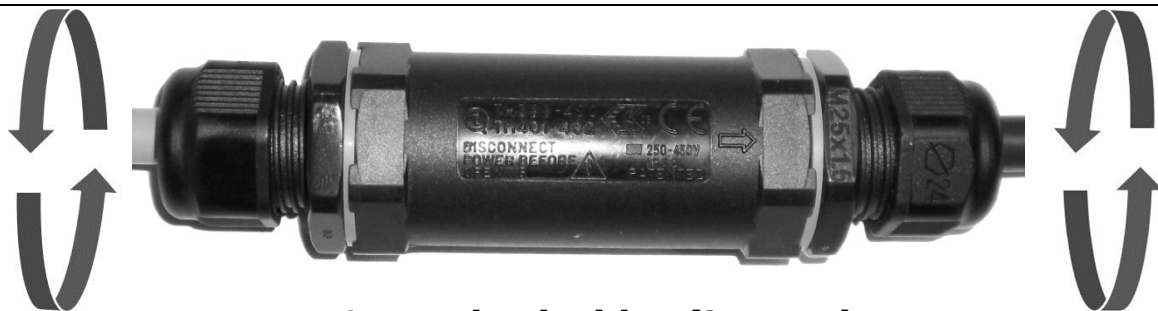
5

Close the box (2)

 29



6



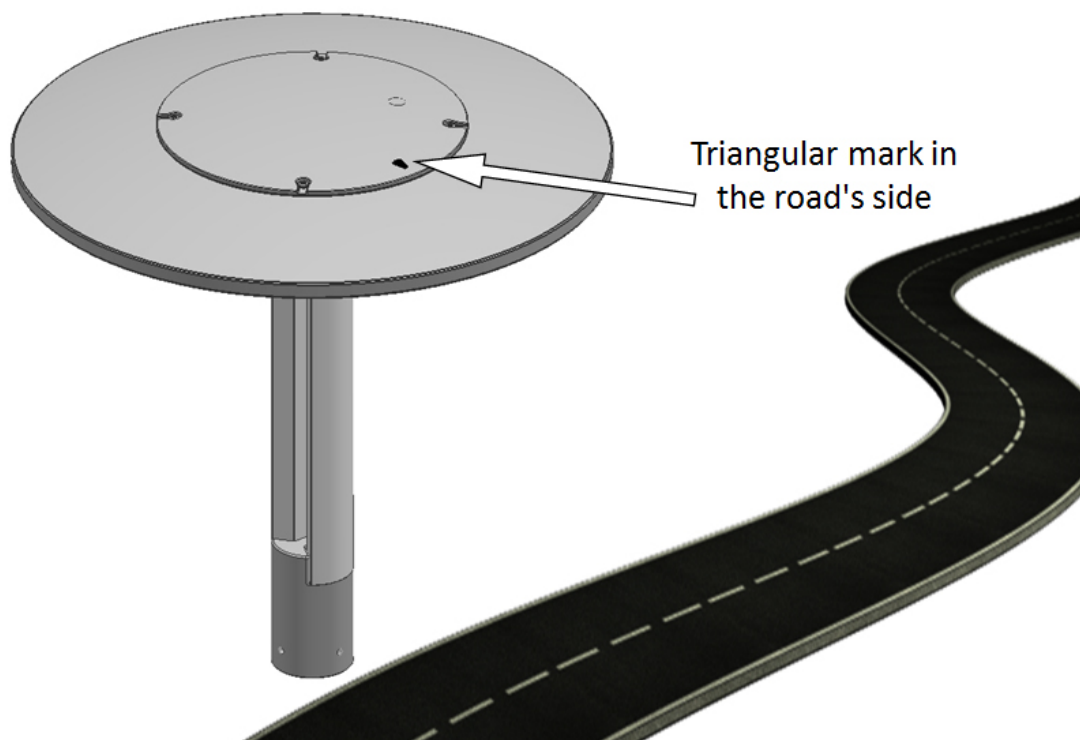
Screw both sides (2.5 Nm)

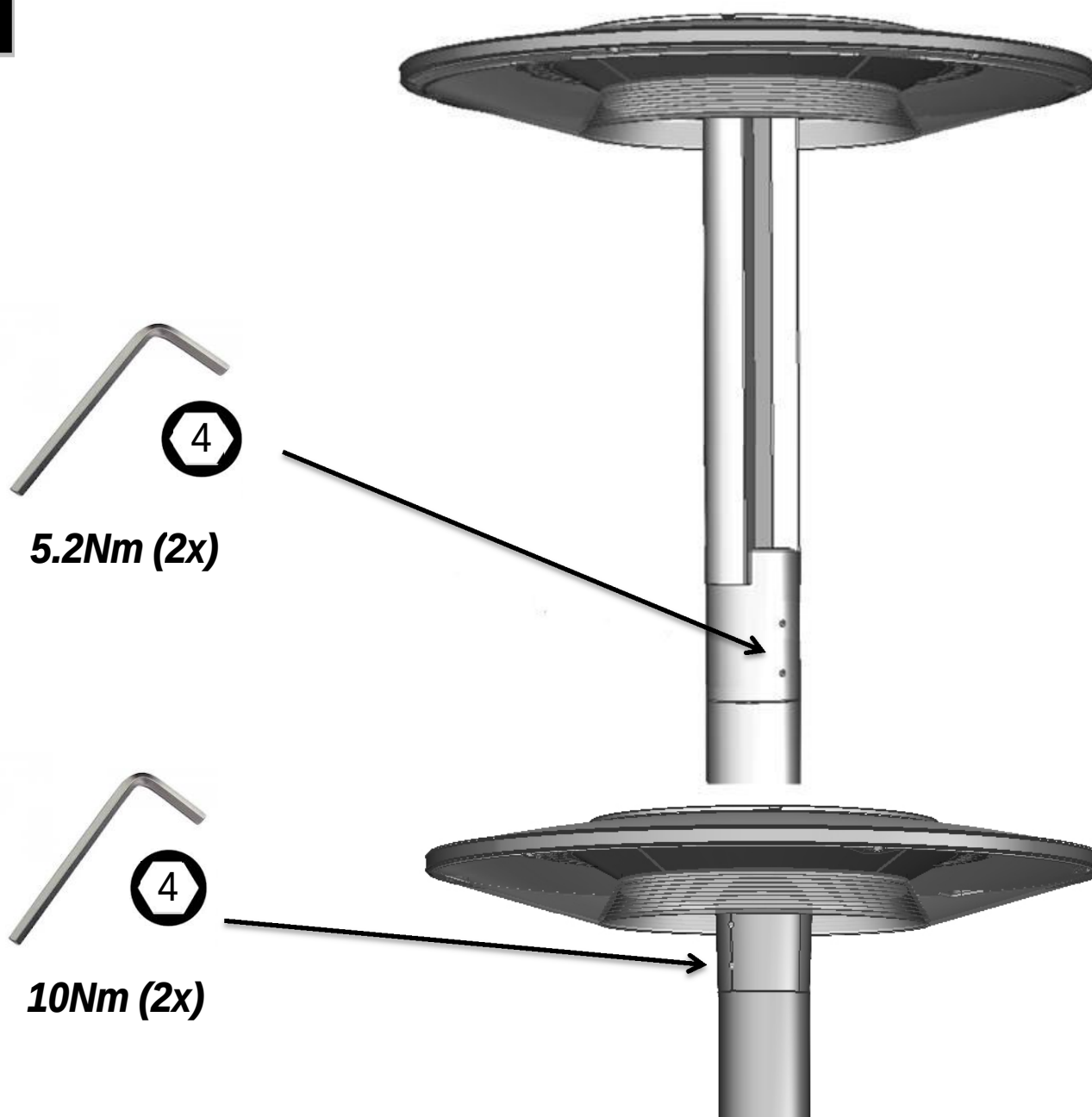
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ORIENTATION





Tolerances:

All electrical and flux values are typical values at 25°C ambient.

	Flux	W
LED	+/- 7%	-
Vf LED	-	+7% / -12%
I-driver	+/- 5%	+/- 5%
	+/- 12%	+12% / -17%

Temperature protection:

Both LED and Driver have a temperature protection. When for any reason the temperature of LED is too high the system first dims back to 50%, if it is still too hot it will switch off. If the driver is too warm it switches off. Power will return automatically when the temperature has dropped again.

T_c max. of PCB:

T_c max. = 85°C
Measurement in LED D7.