

PHILIPS

TownTune Asymmetric

BDP265/266/267/268
BDP270/271/272/273



BDP265



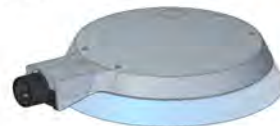
BDP272



BDP273



BDP266



220V
240V

50Hz
60Hz



IEC
EN60598



IP66

IK09

LEDs



Max.
35 °C
Min.
-40 °C



4-8m

Photobiological Risk
Luminaire Surge Protection
Luminaire Surge Protection with SPD *optional

RG1 (valid for Neutral and Warm White)
DM/CM 6/8 kV (C-I/C-II)
DM/CM 10/10 kV (C-I) - 10/8 kV (C-II) - 10/10 kV (C-II) (optional ground for installer)



LEDs

W
+/-10%

Source
+/-7%



740

LED08	6	5,8	800
LED10	6	7,0	1000
LED12	10	8,1	1200
LED14	10	9,4	1400
LED16	10	10,6	1600
LED18	10	11,8	1800
LED20	10	13,0	2000
LED22	10	14,4	2200
LED24	10	15,6	2400
LED27	10	17,8	2700
LED30	10	20,0	3000
LED34	20	21,5	3400
LED35	20	22,0	3500
LED39	20	24,5	3900
LED40	20	25,0	4000
LED44	20	27,5	4400
LED45	20	28,5	4500
LED50	30	30,0	5000
LED55	30	33,0	5600
LED59	30	35,5	6000
LED64	30	38,5	6400
LED69	30	42,0	7000
LED74	30	45,0	7400
LED79	40	47,0	8000
LED 84	40	50,0	8400
LED90	40	54,0	9000
LED 94	40	56,0	9400
LED109	40	66,0	11000
LED120	40	74,0	12000
LED130	40	83,0	13000



6,8kg*



830

LED06	6	5,5	600
LED10	6	7,0	800
LED08	6	8,6	1000
LED12	10	9,9	1200
LED14	10	11,4	1400
LED16	10	13,0	1600
LED18	10	14,6	1800
LED20	10	16,2	2000
LED22	10	18,0	2200
LED24	10	19,8	2400
LED27	20	21,0	2700
LED30	20	23,0	3000
LED34	20	26,5	3400
LED35	20	27,5	3500
LED39	20	30,5	3900
LED40	20	31,5	4000
LED44	20	35,0	4400
LED45	20	35,5	4500
LED50	20	40,0	5000
LED55	30	41,5	5600
LED59	30	44,5	6000
LED64	30	49,0	6400
LED69	30	53,0	7000
LED74	30	58,0	7400
LED79	40	59,0	8000
LED84	40	63,0	8400
LED90	40	68,0	9000
LED94	40	72,0	9400



6,8kg*

Surface to the wind (m²) without embellishment accessories

* Weight without mounting devices

Weight of decorative ring 0,6 kg

Weight of top accessory cone 1,1 kg

Weight of top accessory dome 0,8 kg

Weight of Lyre (BDP270/271/272/273) 3,785 kg

As accessories are not a structural part of the luminaire housing, the IK rating for the luminaire housing remains IK09.

MODEL	Wind surface (m ²)	SCx (m ²)
BDP265 (standard)	0,042	0,033
BDP266 (bottom ring)	0,066	0,036
BDP267 (top cone)	0,110	0,052
BDP267 (cone + ring)	0,130	0,071
BDP268 (top dome)	0,082	0,039
BDP268 (dome + ring)	0,110	0,057
BDP270 (standard)	0,042	0,089
BDP271 (standard with decorative ring)	0,066	0,095
BDP272 (top cone)	0,110	0,121
BDP272 (top cone + decorative ring)	0,130	0,132
BDP273 (Top dome)	0,082	0,095
BDP273 (top dome + decorative ring)	0,110	0,112

Temperature protection:

The LED drivers have temperature protection circuits to switch off the output when the device gets too warm. Power will return automatically when the temperature has dropped again.

Remark:

Photometric data will be provided upon customer request.



WARNING

This luminaire must be installed only by qualified personnel.
If the external flexible cable or cord of this luminaire is damaged, it shall be exclusively replaced by the manufacturer or his service agent or a similar qualified person in order to avoid a hazard.
The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person



Disconnect before servicing



Use gloves to manipulate the luminaire



The space between lyre and luminaire could be a pinch point
Keep hands clear during operation.



Free rotation of the lyre can cause damage in painted parts



Follow this mounting instructions to fix install and maintain



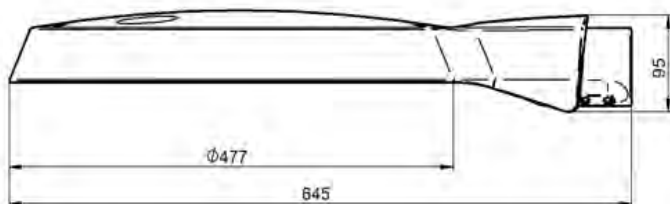
Never modify the luminaire or the fixations



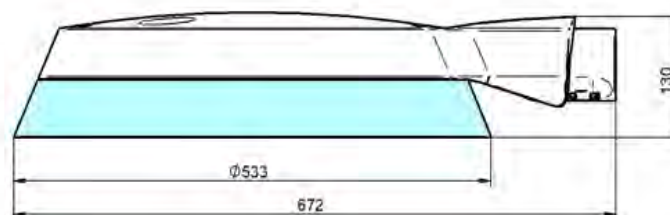
Risk of accident due to incorrect tightening torque



TOWNTUNE ASYMMETRIC BDP265
(Wind surface 0,042 m² / SCx 0,033 m²)



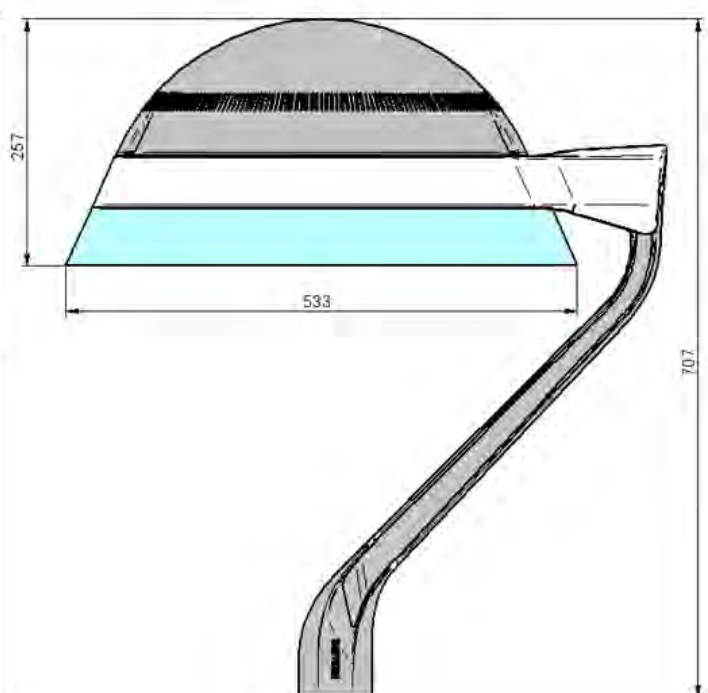
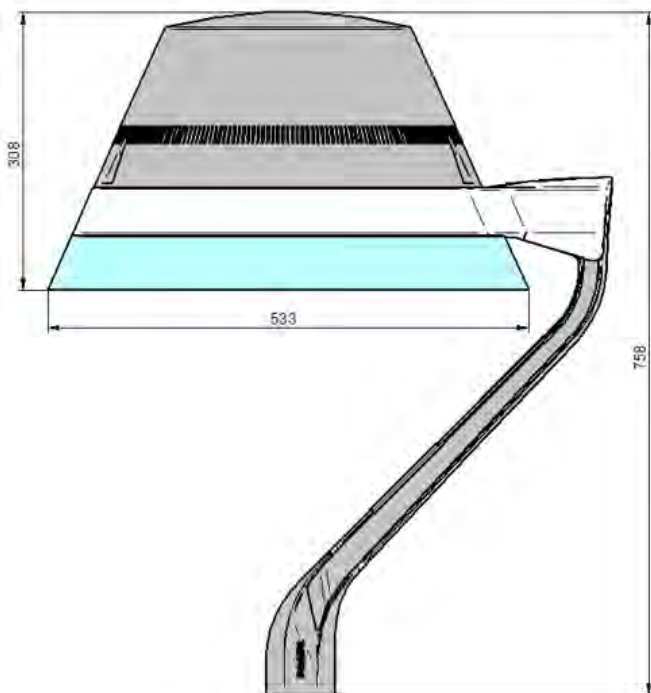
TOWNTUNE ASYMMETRIC BDP266
(Wind surface 0,066 m² / SCx 0,036 m²)



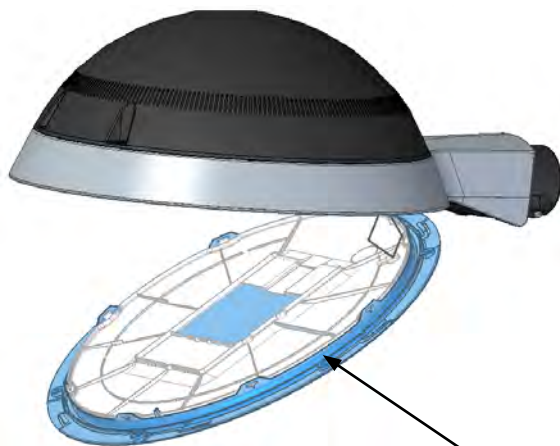


TOWNTUNE ASYMMETRIC BDP272-DR
(Wind surface 0,130 m² / SCx 0,132m²)

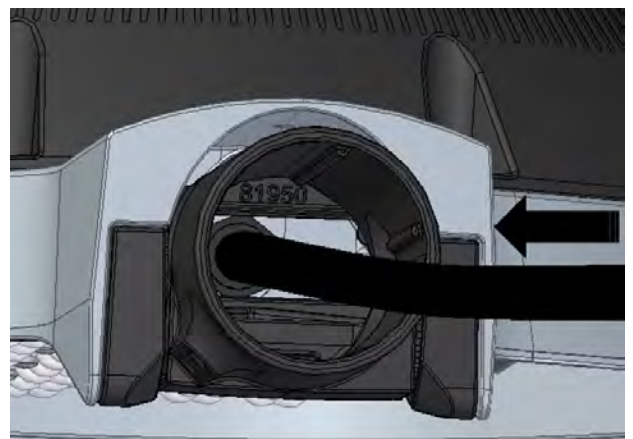
TOWNTUNE ASYMMETRIC BDP273-DR
(Wind surface 0,110 m² / SCx 0,112m²)



OPEN / CLOSE / MOUNTING CABLE (BDP265/266/267/268 versions)

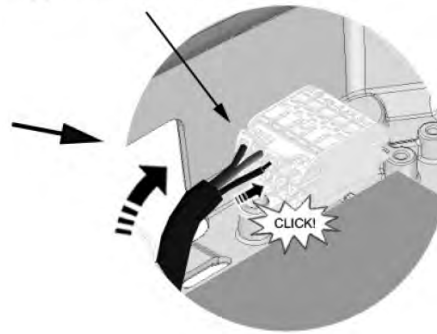


SCREWS WITH RETENTION SYSTEM

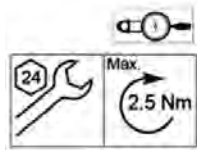




always connect to
upper terminals of the connector

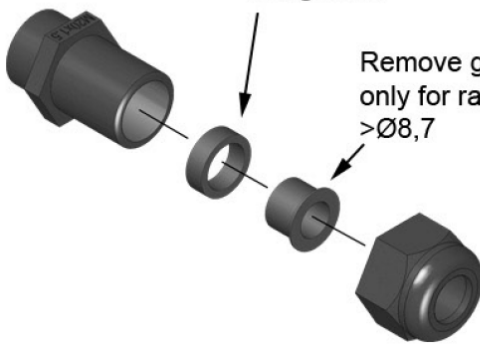


STANDARD VERSION

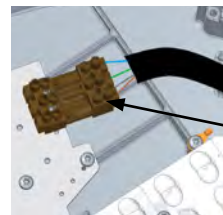


Don't remove
this gasket

Remove gasket
only for range cable
>Ø8,7



LC05 VERSION



4x0,8 mm
Min. 0,8 Nm



Allowed cable range Ø5-Ø8,7-Ø12 mm



BRACKET / POLE FIXATION (BDP265/266/267/268 versions)



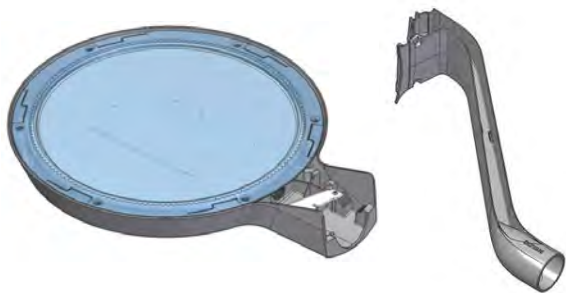
15 Nm 4





OPEN / CLOSE / MOUNTING CABLE (BDP270/271/272/273 versions)

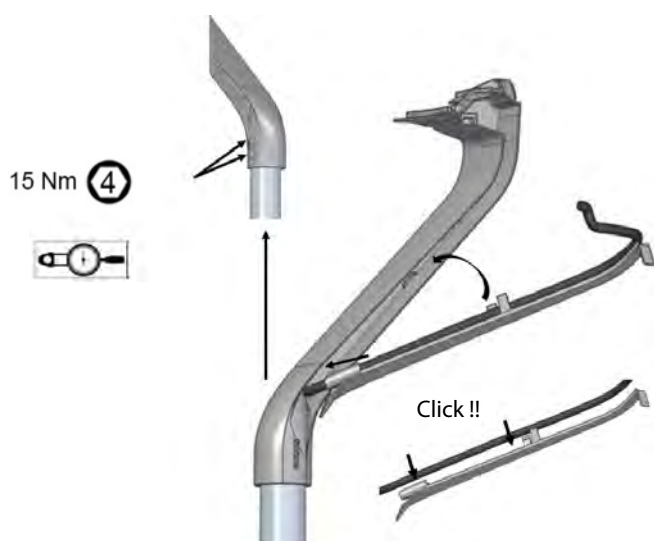
- 1 Take the parts from the box



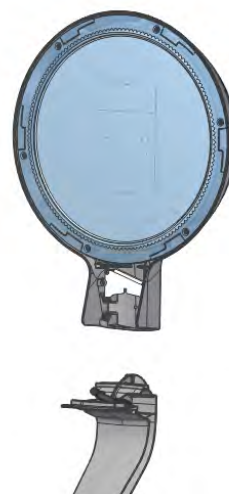
- 2 Put the cable sticking out the pole to the LYRE bracket hole



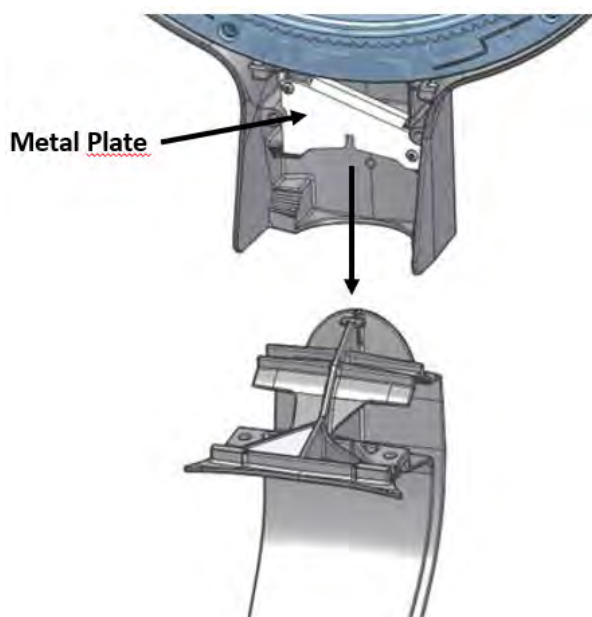
- 3 Connect LYRE bracket and pole, tightening 2 screws on the bottom



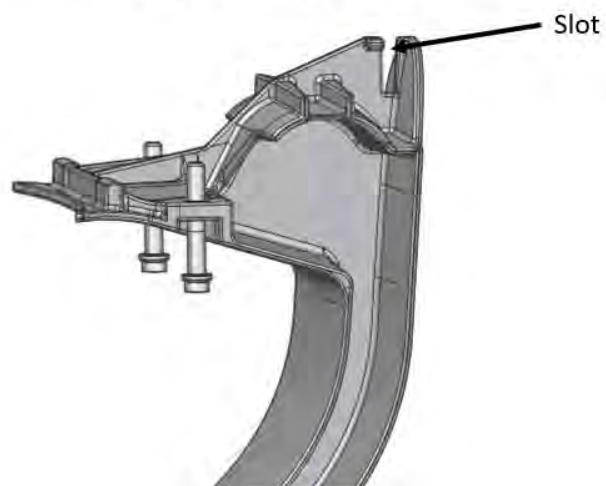
- 4 Connect LYRE bracket and luminaire on the vertical position the bottom



- 5 Use Slot and metal plate for connection



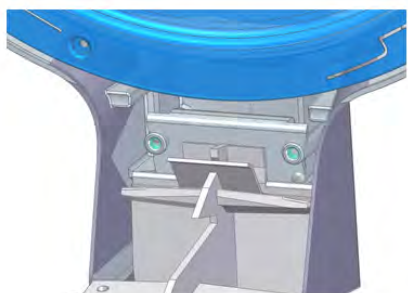
To connect LYRE bracket and luminaire use Slot in the bracket and metal plate connected to the luminaire



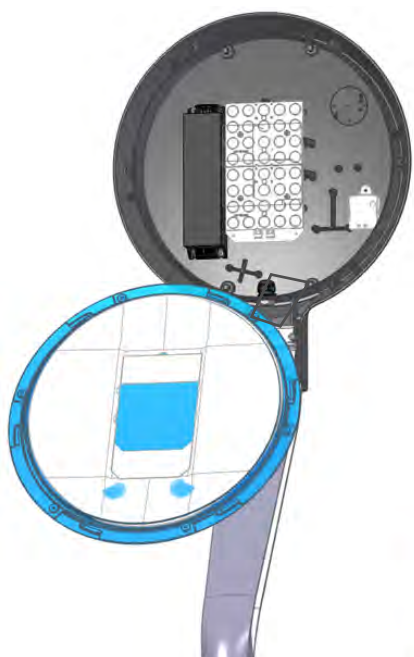


6 Luminaire on Vertical Position

When the luminaire is "parked" on the vertical position, you have 2 hands free for starting electrical installation



7 Bowl opening



- Unscrew 6 bowl screws
- Don't worry – retainers will keep screws with bowls still
- When the bowl is unfixed you can lower down

In case of bowl with white mask

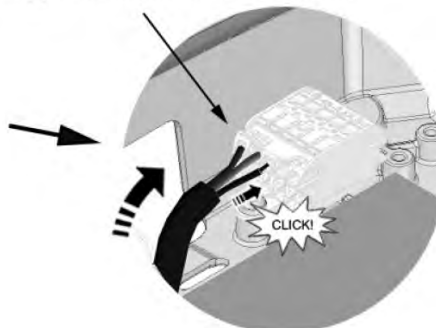
- Set will be kept by bowl holder
- Put the cable to the cable gland hole
- Make electrical connection
- Tighten the cable gland



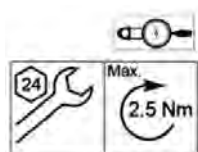
8 Cabling connection



always connect to
upper terminals of the connector

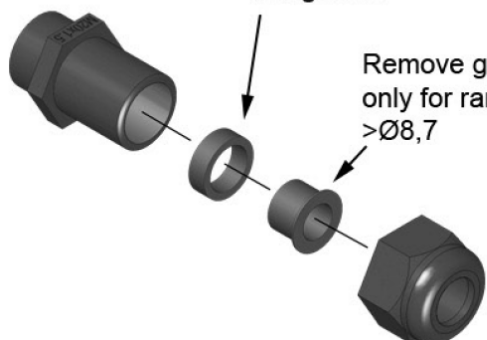


STANDARD VERSION

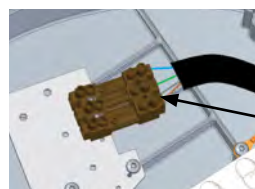


Don't remove
this gasket

Remove gasket
only for range cable
>Ø8,7

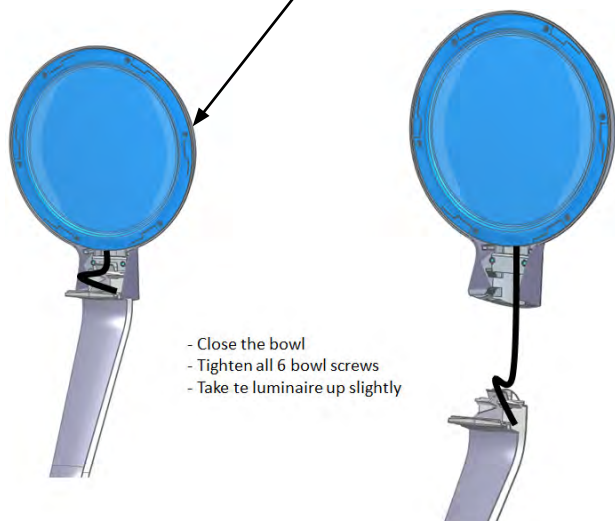


LC05 VERSION



4x0,8 mm
Min. 0,8 Nm

9 Bowl closing



- Close the bowl
- Tighten all 6 bowl screws
- Take the luminaire up slightly

10 Put luminaire on final positioning

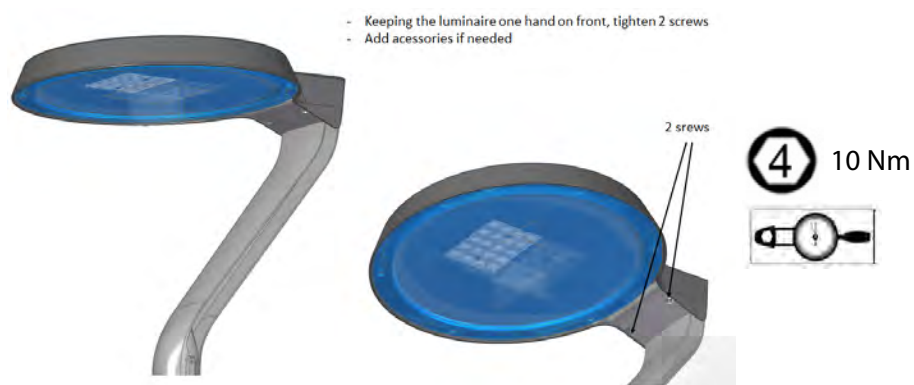
Put the luminaire to the final position on the LYRE bracket



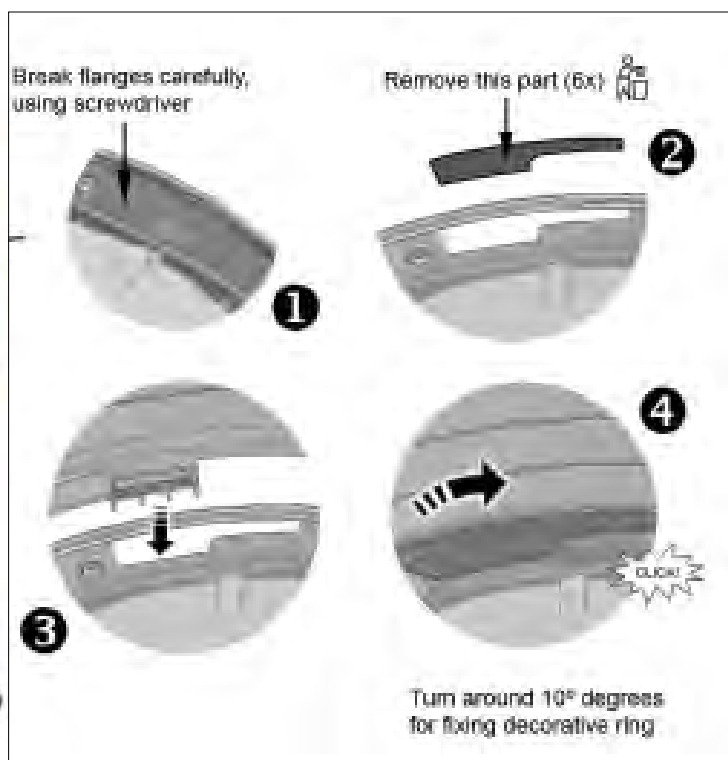


OPEN / CLOSE / MOUNTING CABLE (BDP270/271/272/273 versions)

11 Final fixation of the luminaire to the lyre



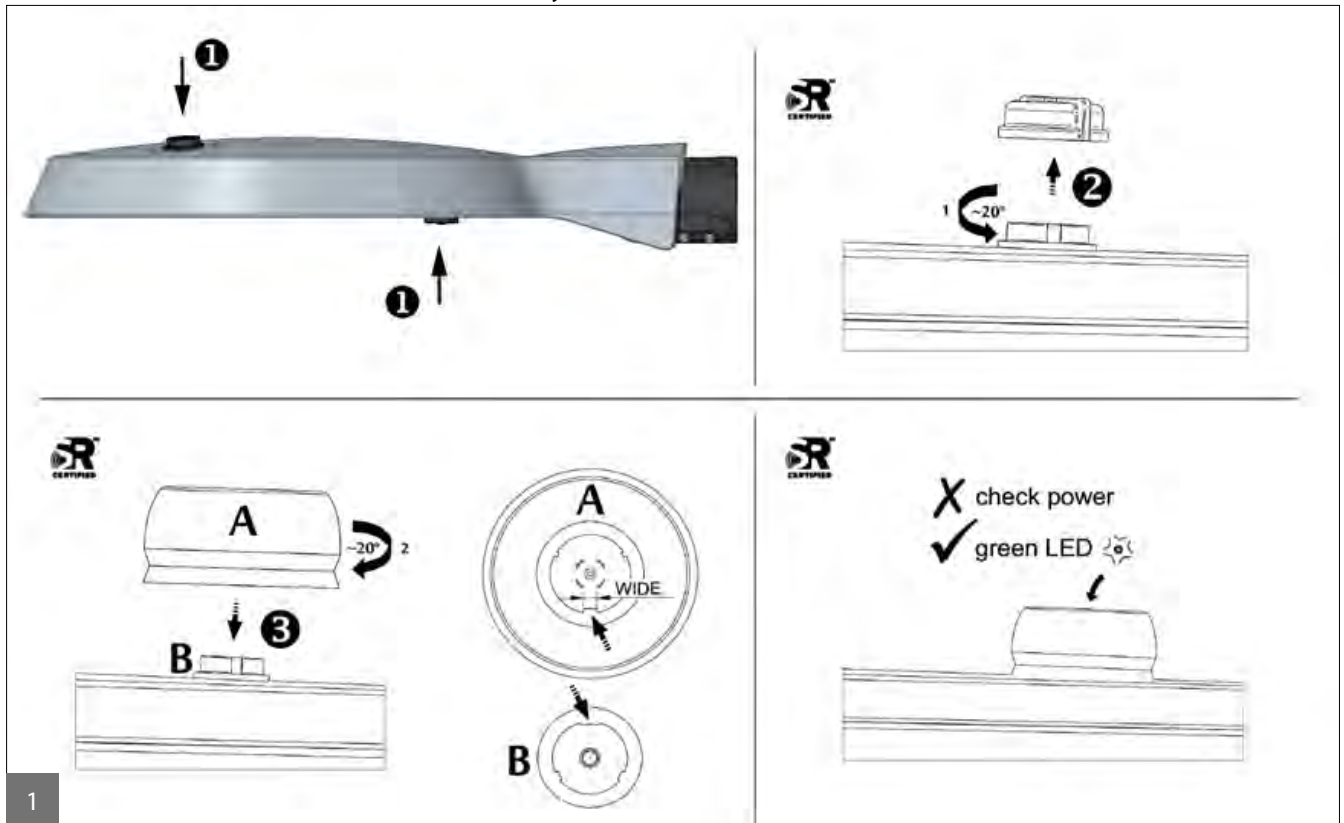
DECORATIVE RING FIXATION



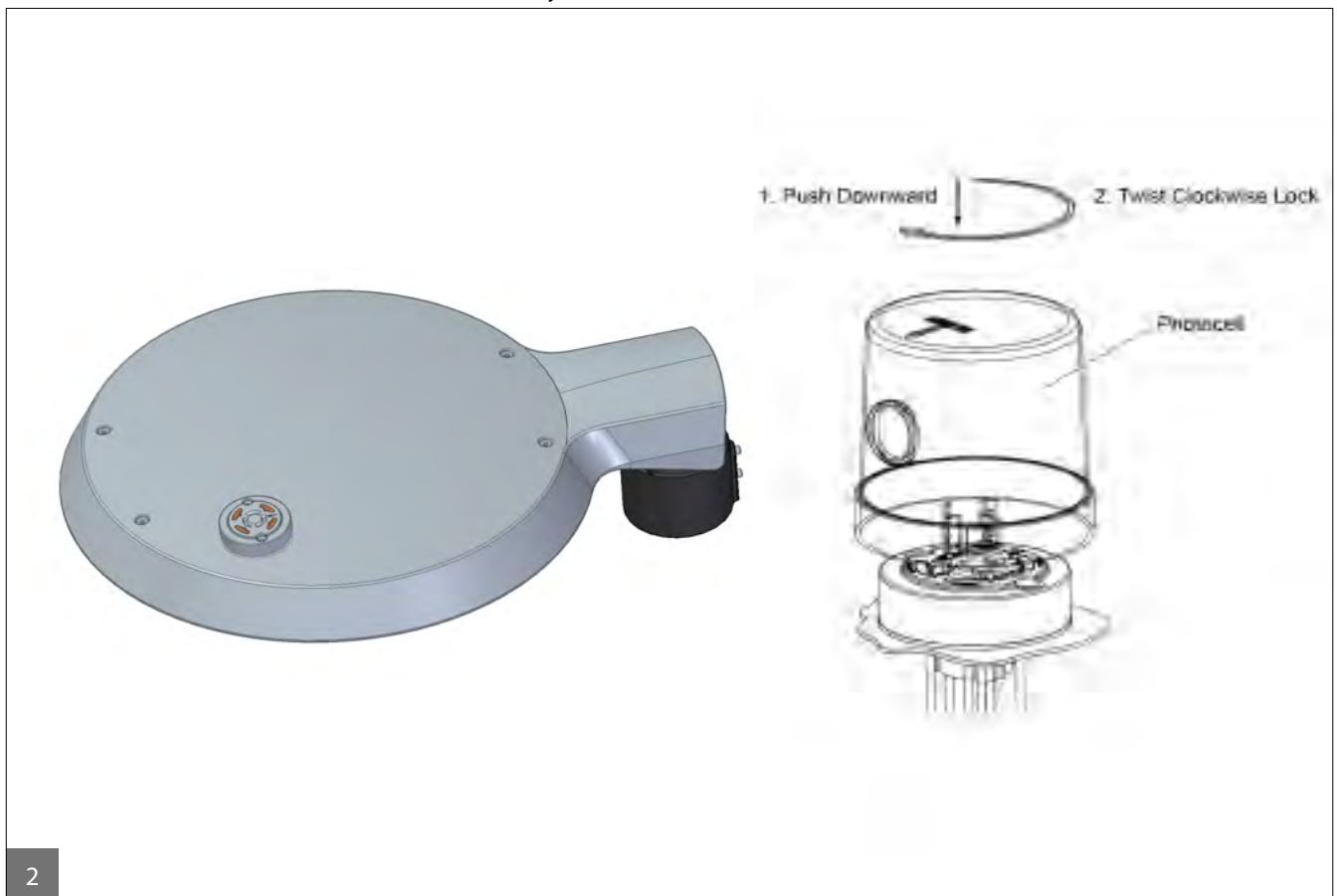


MOUNTING OF PHOTOCELLS

Citytouch OLC COM SR

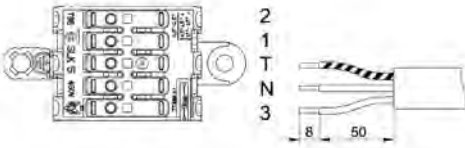
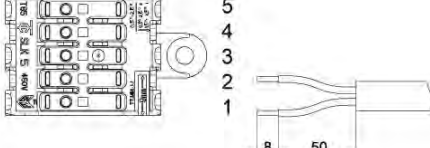


Citytouch OLC NEMA SR

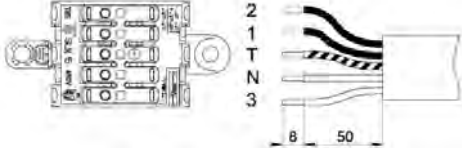
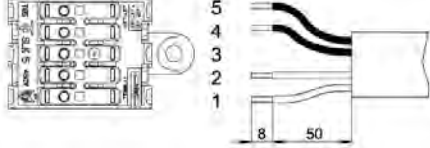


TYPES OF MAIN CONNECTION (STANDARD VERSION)

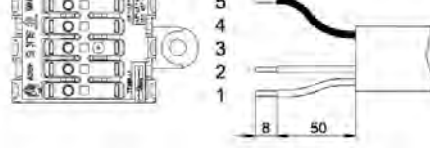
(PSU) (PSA) (PSDD) CONNECTION

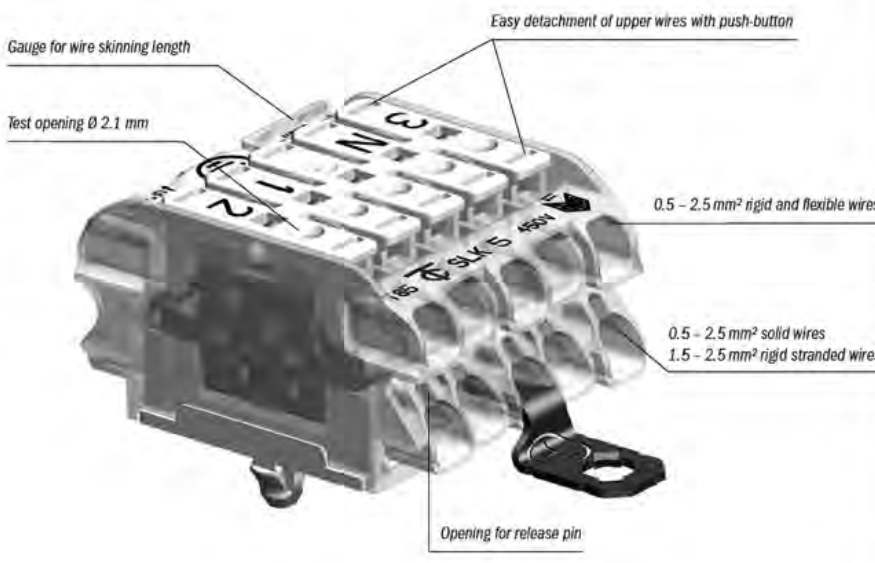
Class-I			Class-II		
	3	LINE (Brown)		1	LINE (Brown)
	N	NEUTRAL (Blue)		2	NEUTRAL (Blue)
		GROUND (Yellow & Green)		3	(Optional for installer) GROUND
	1	-		4	-
	2	-		5	-

(PSD) CONNECTION

Class-I			Class-II		
	3	LINE (Brown)		1	LINE (Brown)
	N	NEUTRAL (Blue)		2	NEUTRAL (Blue)
		GROUND (Yellow & Green)		3	(Optional for installer) GROUND
	1	DALI		4	DALI
	2	DALI		5	DALI

(PSR) CONNECTION

Class-I			Class-II		
	3	LINE (Brown)		1	LINE (Brown)
	N	NEUTRAL (Blue)		2	NEUTRAL (Blue)
		GROUND (Yellow & Green)		3	(Optional for installer) GROUND
	1	-		4	-
	2	Lineswitch		5	Lineswitch



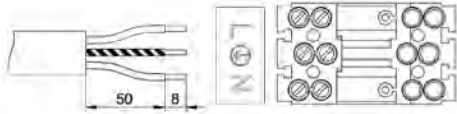


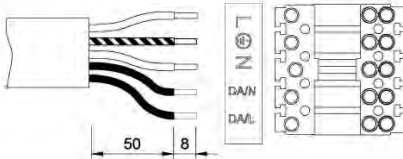
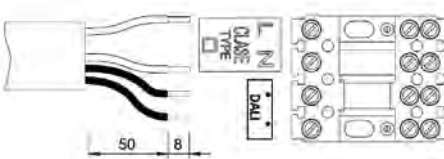
Nominal voltage 450 V
Nominal current 24 A
Clamping range upper terminals 0.5 - 2.5 mm² rigid and flexible wires
Clamping range lower terminals 0.5 - 2.5 mm² solid wires, 1.5 - 2.5 mm² rigid stranded wires, detachment of wire with release pin
Wire skinning length 9 ± 1 mm

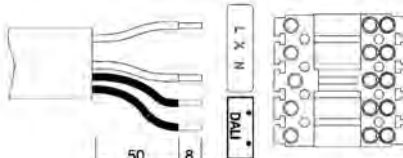
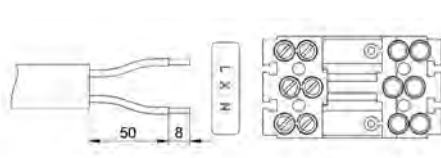


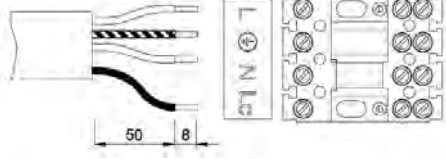
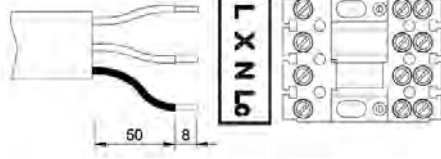
Nominal voltage 300 V  according to EN 60598-1
Nominal current 24 A
Clamping range upper terminals 0.5 - 2.5 mm² rigid and flexible wires
Clamping range lower terminals 0.5 - 2.5 mm² solid wires, 1.5 - 2.5 mm² rigid stranded wires, detachment of wire with release pin
Wire skinning length 9 ± 1 mm

TYPES OF MAIN CONNECTION (LC05 VERSION)

(PSU) (PSA) (PSDD) CONNECTION						
Class-I				Class-II		
	L	LINE (Brown)		L	LINE (Brown)	
		GROUND (Yellow & Green)		N	NEUTRAL (Blue)	
	N	NEUTRAL (Blue)		-	-	

(PSD) CONNECTION						
Class-I				Class-II		
	L	LINE (Brown)		L	LINE (Brown)	
		GROUND (Yellow & Green)		N	NEUTRAL (Blue)	
	N	NEUTRAL (Blue)		DA	DALI	
	DA/L	DALI		DA	DALI	
	DA/N	DALI		-	-	

(PSD) CONNECTION (with Surge Protection)				(PSU) (PSA) (PSDD) CONNECTION (with Surge Protection)		
Class-II						
	L	LINE (Brown)		L	LINE (Brown)	
	X	(Optional for installer) GROUND		X	(Optional for installer) GROUND	
	N	NEUTRAL (Blue)		N	NEUTRAL (Blue)	
	DA	DALI		-	-	
	DA	DALI		-	-	

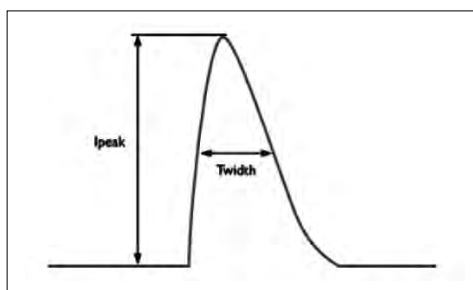
(PSR) CONNECTION						
Class-I				Class-II		
	L	LINE (Brown)		L	LINE (Brown)	
		GROUND (Yellow & Green)		X	(Optional for installer) GROUND	
	N	NEUTRAL (Blue)		N	NEUTRAL (Blue)	
	Lc	LineSwitch		Lc	LineSwitch	

(PHOTOCELL) CONNECTION						
Class-I				Class-II		
	L	LINE (Brown)		L	LINE (Brown)	
		GROUND (Yellow & Green)		X	(Optional for installer) GROUND	
	N	NEUTRAL (Blue)		N	NEUTRAL (Blue)	



	Full Prog	Coded Mains	System Ready
The maximum number of luminaires with driver 40W to be connected in MCB 16A TYPE B (mains impedance 200 mΩ + 400 μH)	20	20	21
Inrush current Ipeak*	22 A	22 A	21 A
Inrush current Twidth **	290 μs	290 μs	300 μs
* input voltage 230V			
** input voltage 230V, measured at 50% Ipeak			

	Full Prog	Coded Mains	System Ready
The maximum number of luminaires with driver 75W to be connected in MCB 16A TYPE B (mains impedance 200 mΩ + 400 μH)	11	11	6
Inrush current Ipeak*	65 A	65 A	21 A
Inrush current Twidth **	330 μs	330 μs	300 μs
* input voltage 230V			
** input voltage 230V, measured at 50% Ipeak			



CLEANING

The luminaire is protected against water ingress to IP66. Sealed design ensures that this rating will be maintained over the full lifetime of the product.



The luminaire may be cleaned by brush with short&soft bristles.

Extra care must be taken when cleaning around the external cables and connector in order to prevent damage.

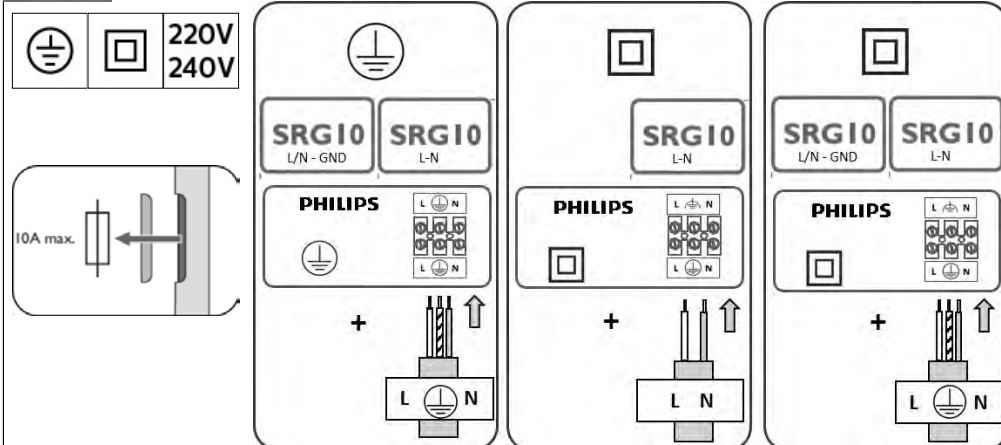


Do not use high pressure water jet or high pressure cleaners.

If clear water is not sufficient for cleaning, use a neutral, synthetic, not-scratching and non-abrasive substances.

Never use alkaline and/or acetous cleaning substances. Make sure that cleaning substance is fully removed by rinsing with clean water.

SRG10 10 KV PROTECTION



10kV extra surge protection (SRG10) is ensuring Differential mode protection.

In class II:
In order to also cover Common mode, PE(Protective Earth) connection to the SPD is to be added at installation. Surges due to discharge for electrostatic fields (ESD) are not covered when installed onto insulated material poles (to protect an equipotential connection is required between the metal housing of the luminaire and the earth; in that case it is better to use a Class I (luminaire).

Have you already downloaded the Philips Service tag app?

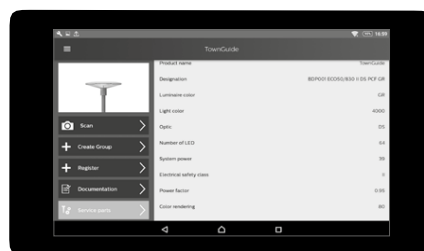
It helps you make LED maintenance easier and faster!

1.Download the app

App herunterladen

Descargar la app

Télécharger l'application



iOS



Android

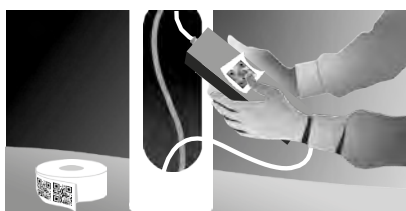


2.Place tag on the fuse box

Stelle den Tag auf den Sicherungskasten

Colocar la etiqueta en la caja de fusibles

Placer le tag sur le boîtier appareillage



3.Register the product

Produktregistrierung

Registrar el producto

Enregistrer le produit



And also...

Und ebenso... Y también... Et aussi...



Mounting instructions

Montageanleitung

Instrucciones de montaje

Instructions de montage

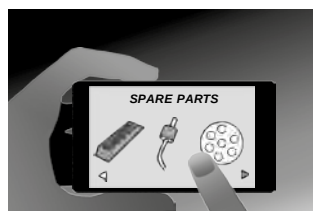


Troubleshooting

Problemebehebung

Resolución de problemas

Dépannage

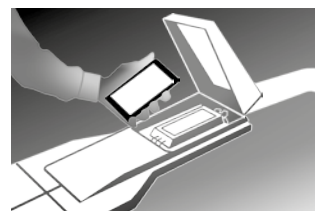


Spare parts list

Ersatzteilliste

Listado de repuestos

Liste des pièces de rechange



Driver re-programming

Treiber Neuprogrammierung

Reprogramación del driver

Reprogrammation du Driver

Want to know more about Service tag?

Go to www.philips.com/servicetag

Annex I : Simplified EU Declaration of Conformity

Hereby, **Philips Lighting B.V** declares that the radio equipment type included into the luminary is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address : <http://www.lighting.philips.com/main/prof>

	Philips Lighting B.V
ES	Por la presente, declara que el tipo de equipo radioeléctrico es conforme con la Directiva 2014/53/UE. El texto completo de la declaración UE de conformidad está disponible en la dirección Internet siguiente: http://www.lighting.philips.com/main/prof
EN	Hereby, declares that the radio equipment type is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: http://www.lighting.philips.com/main/prof
FR	Le soussigné, déclare que l'équipement radioélectrique du type est conforme à la directive 2014/53/UE. Le texte complet de la déclaration UE de conformité est disponible à l'adresse internet suivante: http://www.lighting.philips.com/main/prof
IT	Il fabbricante, dichiara che il tipo di apparecchiatura radio è conforme alla direttiva 2014/53/UE. Il testo completo della dichiarazione di conformità UE è disponibile al seguente indirizzo Internet: http://www.lighting.philips.com/main/prof
DE	Hiermit erklärt dass der Funkanlagentyp der Richtlinie 2014/53/EU entspricht. Der vollständige Text der EU-Konformitätserklärung ist unter der folgenden Internetadresse verfügbar: http://www.lighting.philips.com/main/prof
DA	Hermed erklærer, at radioudstyrstypen er i overensstemmelse med direktiv 2014/53/EU. EU-overensstemmelseserklæringens fulde tekst kan findes på følgende internetadresse: http://www.lighting.philips.com/main/prof
NL	Hierbij verklaar ik, dat het type radioapparatuur conform is met Richtlijn 2014/53/EU. De volledige tekst van de EU-conformiteitsverklaring kan worden geraadpleegd op het volgende internetadres: http://www.lighting.philips.com/main/prof
PL	niniejszym oświadczam, że typ urządzenia radiowego jest zgodny z dyrektywą 2014/53/UE. Pełny tekst deklaracji zgodności UE jest dostępny pod następującym adresem internetowym: http://www.lighting.philips.com/main/prof
HU	igazolja, hogy a típusú rádióberendezés megfelel a 2014/53/EU irányelvnek. Az EU-megfelelőségi nyilatkozat teljes szövege elérhető a következő internetes címen: http://www.lighting.philips.com/main/prof
CS	Tímto prohlašuji, že typ rádiového zařízení je v souladu se směrnicí 2014/53/EU. Úplné znění EU prohlášení o shodě je k dispozici na této internetové adrese: http://www.lighting.philips.com/main/prof
SL	potrjuje, da je tip radijske opreme skladen z Direktivo 2014/53/EU. Celotno besedilo izjave EU o skladnosti je na voljo na naslednjem spletnem naslovu: http://www.lighting.philips.com/main/prof
LV	Ar šo deklarē, ka radioiekārta atbilst Direktīvai 2014/53/ES. Pilns ES atbilstības deklarācijas teksts ir pieejams šādā interneta vietnē: http://www.lighting.philips.com/main/prof
LT	Aš, patvirtinu, kad radijo įrenginių tipas atitinka Direktyvą 2014/53/ES. Visas ES atitikties deklaracijos tekstas prieinamas šiuo interneto adresu: http://www.lighting.philips.com/main/prof
PT	O abaixo assinado declara que o presente tipo de equipamento de rádio está em conformidade com a Diretiva 2014/53/UE. O texto integral da declaração de conformidade está disponível no seguinte endereço de Internet: http://www.lighting.philips.com/main/prof
SV	Härmed försäkrar att denna typ av radioutrustning överensstämmer med direktiv 2014/53/EU. Den fullständiga texten till EU-försäkran om överensstämmelse finns på följande webbadress: http://www.lighting.philips.com/main/prof



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