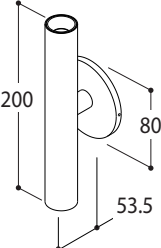


name	NOBEL UP-DOWN EVO 350mA		
ref.	ALL REFS SEE TABLE ON VERSO PAGE 		
			
safe distance to object	 - 0,1m - 		
lamptype	BRIDGELUX 2x476lm / 495lm* 2700K / 3000K*		
fitting	NONE		
watt	2x4,11W (Vf 23,6V = 2leds are connected in serie) 		
voltage	350 mA - DC		
symbol			
gear	converter not incorporated		
ip/class	IP20		
application	Wall mounted UP & DOWN		
orientability	not orientable		
dimmability	PWM dimmable		
weight	 0.2		
beam angle	15° / 36° / 50°		
CRI	90		
SDCM	3		

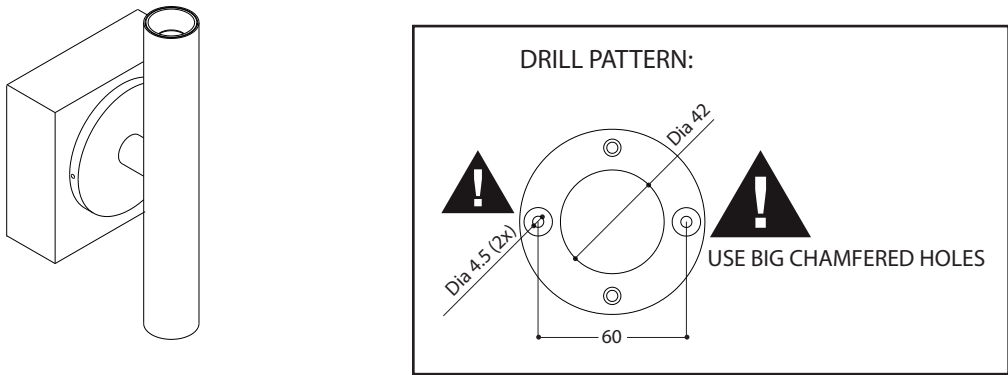
INSTALLATIE- EN ONDERHOUDSRICHTLIJNEN m.b.t. FABRIEKSGARANTIE.
1. DE VERBINDINGEN EN HET UITTESTEN VAN DEZE TOESTELLEN DIENEN ALTIJD TE GEBEUREN DOOR EEN ERKEND ELECTRO-INSTALLATEUR.
2. DEZE VERLICHTINGSTOESTELLEN MOETEN GE-INSTALLEERD, VERBONDEN EN GETEST WORDEN VOLGENS DE NATIONAAL GELDENDE REGLEMENTEN OP DE ELECTRISCHE INSTALLATIES (BELGIE, A.R.E.I., DUITSLAND: DIN VDE 0100 TEIL 559 A2, ...; DEZE OPSOMMING IS LOUWER INFORMATIEF)
3. DE TECHNISCHE BUSLUITER MOET GEZIEN WORDEN ALS ONDERDEEL VAN DE ALGEMENE VERKOOPSVOORWAARDEN VAN TAL N.V.
4. DE ELECTRO-INSTALLATEUR IS VERANTWOORDELIJK VOOR HET GEBRUIKEN VAN VOORSCHAKELAPPARATUUR DIE VOLDOET AAN DE GELDENDE CE EN EMC NORMEN.
5. VERVANG DE LAMP (-EN) ALTIJD MET DE GROOTSTE ZORG, ZE IS (ZIJN) UITERST BREEKBAAR.
6. OPGEPAST: PLAATS NOOIT DE LAMP MET BLOTE HANDEN, GEBRUIK ALTIJD EEN DOEK !

INSTRUCTIONS D'INSTALLATION ET D'ENTRETIEN A RESPECTER VIS-A-VIS DE LA GARANTIE.
1. LE PLACEMENT, LE RACCORDEMENT ET L'ESSAI DE CET APPAREIL DOIVENT TOUJOURS ETRE EFFECTUES PAR UN INSTALLATEUR ELECTRICIEN AGREE.
2. LES LUMINAIRES DOIVENT ETRE INSTALLEZ, BRANCHES ET TESTES SUIVANT LE REGLEMENT NATIONAL SUR LES INSTALLATIONS ELECTRIQUES EN VIGUEUR. (BELGIQUE, A.R.E.I., ALLEMAGNE: DIN VDE 0100 TEIL 559 A2, ...; CETTE ENUMERATION EST INDICATIVE)
3. CE MANUEL D'INSTALLATION TECHNIQUE REPRESENTE UNE PARTIE DES CONDITIONS GENERALES DE VENTE DE TAL N.V.
4. L'ELECTRO-INSTALLATEUR EST RESPONSABLE POUR L'USAGE DE BALLASTS, TRANSFO'S,...CONFORMES AUX NORMES CE ET EMC EN VIGUEUR.
5. REMPLACEZ TOUJOURS L'AMPOULE (LES AMPOULES) AVEC PRUDENCE; ELLE(-S) EST (SONT) TRES FRAGILE (-S).
6. ATTENTION: NE JAMAIS REMPLACER L'AMPOULE AUX MAINS NUES, UTILISEZ TOUJOURS UN CHIFFON !

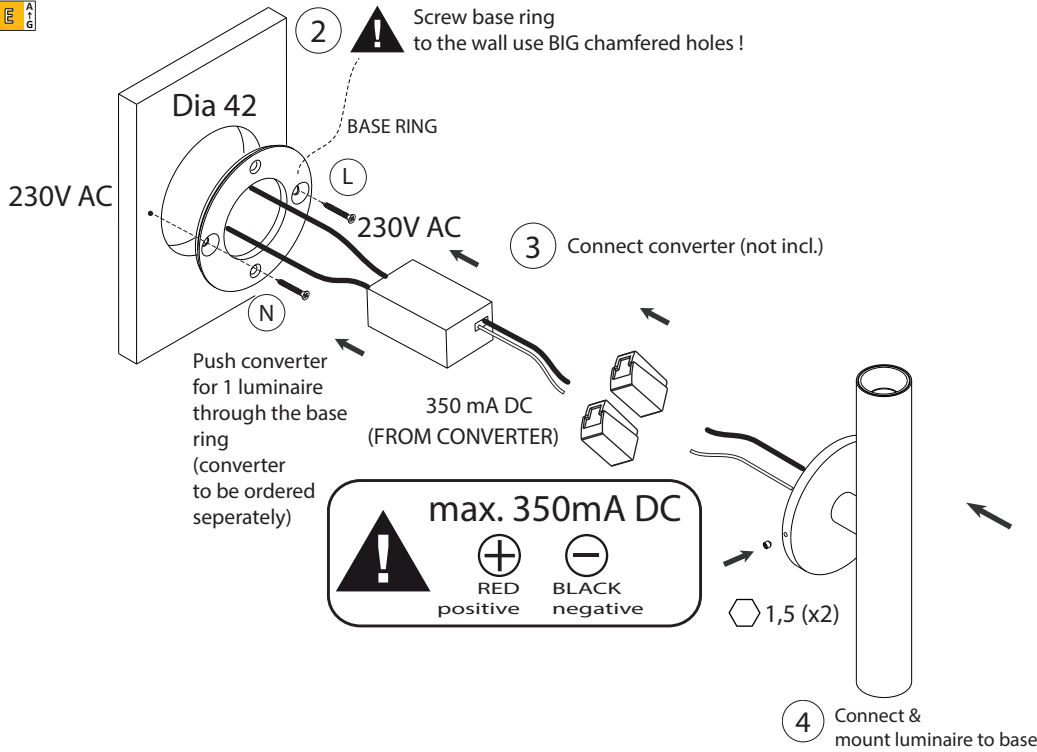
INSTALLATION AND MAINTENANCE INSTRUCTIONS IN VIEW OF THE MANUFACTURER'S GUARANTEE.
1. THE CONNECTION AND TESTING OF THE DEVICES SHOULD ALWAYS BE PERFORMED BY A RECOGNIZED ELECTRICIAN.
2. THESE LIGHTING DEVICES NEED TO BE INSTALLED, CONNECTED AND TESTED FOLLOWING THE OFFICIAL NATIONAL INSTRUCTION GUIDE FOR ELECTRICAL INSTALLATIONS (BELGIUM, A.R.E.I., GERMANY: DIN VDE 0100 TEIL 559 A2, ...; THIS ENUMERATION IS JUST AN INDICATION)
3. THIS TECHNICAL ENCLOSURE NEEDS TO BE ADDED TO THE GENERAL SALES CONDITION OF THE TAL N.V.
4. THE ELECTRO TECHNICIAN IS RESPONSABLE TO USE BALLASTS, TRANSFORMERS,...WHICH MEET THE VALID CE AND EMC RULES.
5. ALWAYS REPLACE THE LAMP (-S) WITH UTMOST CAUTIOUSNESS, THE LAMP (-S) IS (ARE) VERY FRAGILE.
6. ATTENTION: NEVER REPLACE THE LAMP WITH BARE HANDS, ALWAYS USE A CLOTH !

MONTAGE- UN UNTERHALT INSTRUCTIONEN ZU BEACHTEN MIT BEZUG AUF DER GARANTIE.
1. DIE MONTAGE, DER ANSCHLUSS UND DAS AUSTESTEN DER LEUCHTEN SOLL IMMER VON EINEM ZUSTANDIGEN ELECTRO-INSTALLATEUR AUSGEFUHRT WERDEN.
2. DIESE LEUCHTEN MUSSSEN INSTALLIERT, ANGESCHLOSSEN UND GETESTET WERDEN NACH DER ALLGEMEINEN NATIONALEN REGLEMENTATION UBER DIE ELEKTRISCHE INSTALLATIONEN (BELGIUM, A.R.E.I., DEUTSCHLAND: DIN VDE 0100 TEIL 559 A2, ...; DIESE AUFSTELLUNG GESCHICHT DURCH EXEMPLATIVEN TITEL UND KANN NICHT ALS LIMITATIV ODER EXHAUTIV BETRACHTET WERDEN).
3. DIESE TECHNISCHE GEBRAUCHSANWEISUNG GEHORT ZU DEN ALLGEMEINEN VERKAUFSBEDINGUNGEN VON TAL N.V.
4. DER ELEKTRO-INSTALLATEUR IST VERANTWORTLICH FUR DAS VERWENDEN VON CE UND EMC GEPRUFTE VORSCHALTGERATE.
5. DIE LAMPE(-N) SOLL(-EN) IMMER SERH VORSICHTIG ERSATZT WERDEN.
6. VORSICHT: MAN DARF NIE DIE LAMPE MIT DEN NACKTEN HANDEN BERUHREN, MAN SOL IMMER EINEN TUCH BENUTZEN !

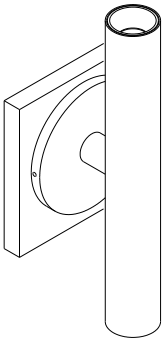
A) DIRECT SURFACE MOUNTED on HOLLOW WALL:



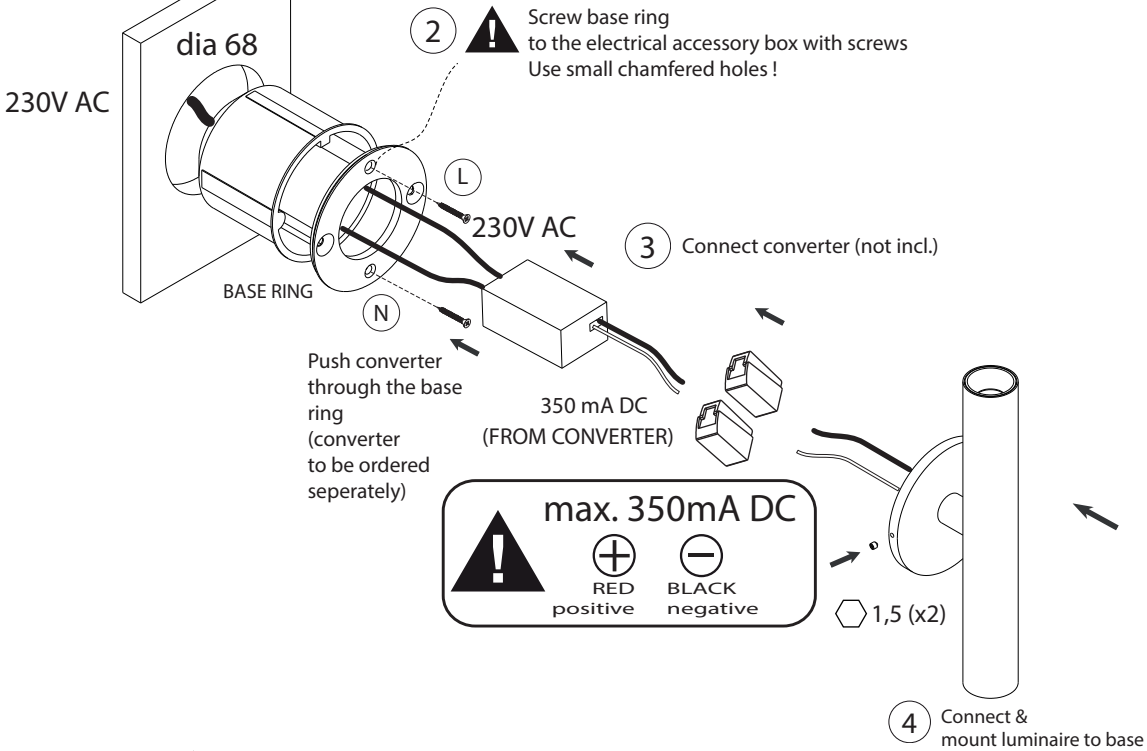
1 Drill hole dia 42mm (depth 40mm) and make drillpattern as seen above



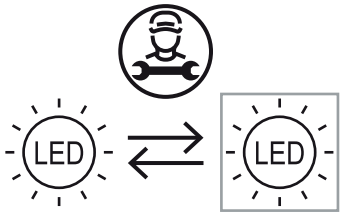
B) RECESSED MOUNTED in HOLLOW WALL on ELECTRICAL ACCESSORY BOX:



1 Drill hole dia 68 and fit electrical accessory box in wall or ceiling



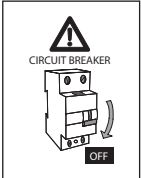
 FOR COMPATIBLE CONVERTERS SEE LEDCONVERTER MATRIX



Replaceable (LED only) light source
by a professional

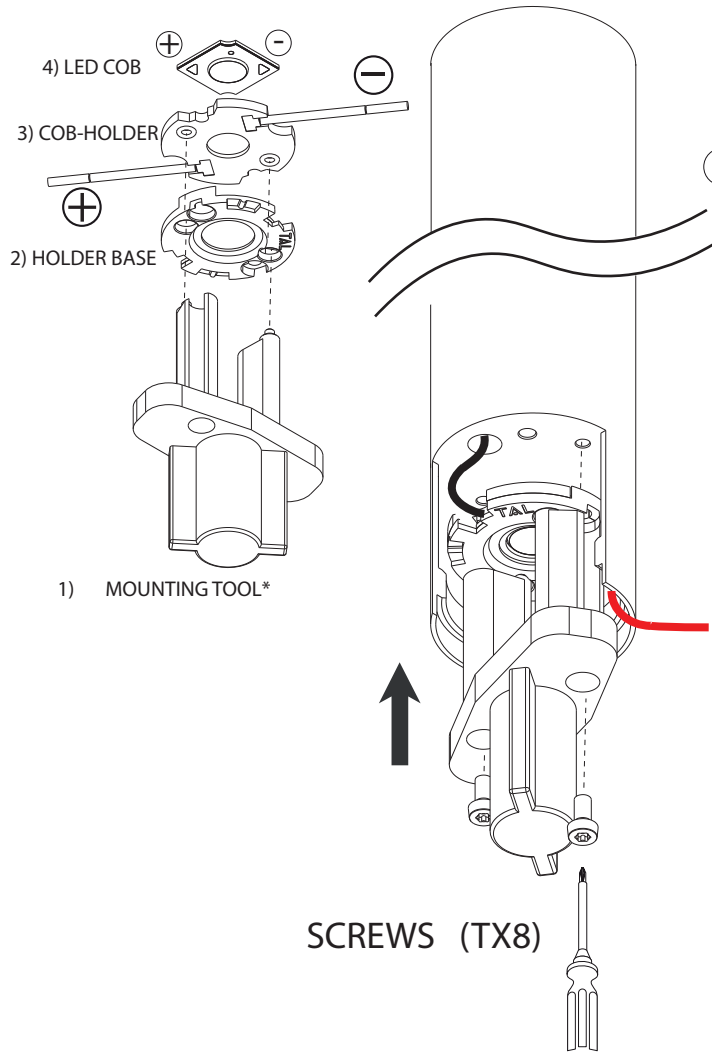


ALWAYS DISCONNECT MAINS POWER SUPPLY
FROM CONVERTER BEFORE SWITCHING "ON"
LED LUMINAIRES TO PREVENT HOT PLUGGING ISSUES

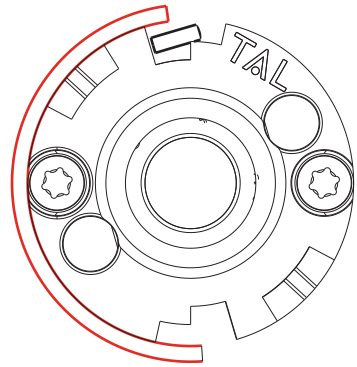


EXCHANGE ACTIONS TO REPLACE LED-COB

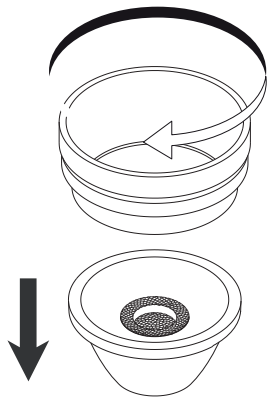
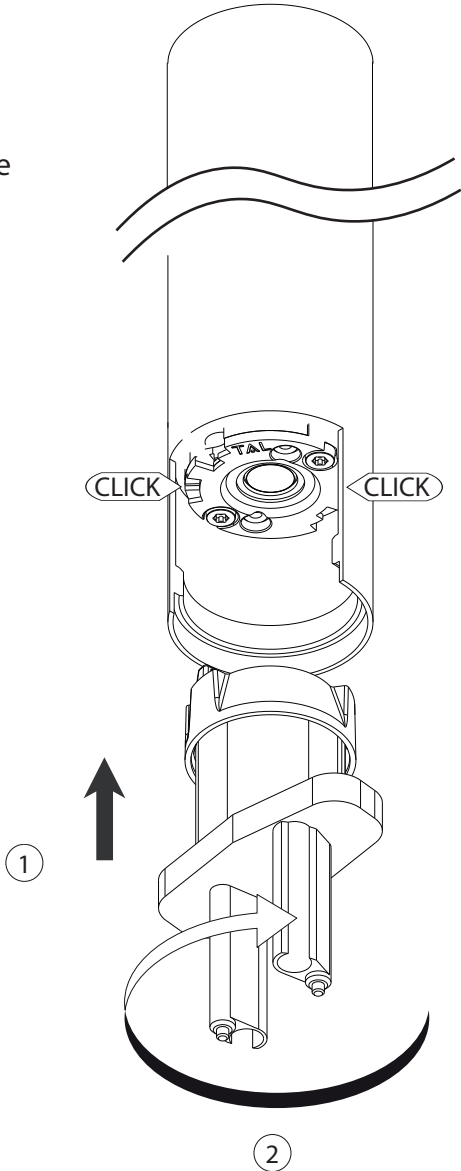
A Mounting led-parts into the lampfitting



B Placing cables against base



C Mounting lensholder



D Placing Lens and turn the focusing in the fitting

667147N	NOBEL UP-DOWN EVO 15° 350mA 2700K	TEXTURED WHITE
667157N	NOBEL UP-DOWN EVO 15° 350mA 2700K	CU29 + TEXTURED BLACK BASE & FOCUS
667126N	NOBEL UP-DOWN EVO 15° 350mA 2700K	TEXTURED BLACK
667196N	NOBEL UP-DOWN EVO 15° 350mA 2700K	BLACK + GOLD
667167N	NOBEL UP-DOWN EVO 15° 350mA 3000K	TEXTURED WHITE
667177N	NOBEL UP-DOWN EVO 15° 350mA 3000K	CU29 + TEXTURED BLACK BASE & FOCUS
667146N	NOBEL UP-DOWN EVO 15° 350mA 3000K	TEXTURED BLACK
667116N	NOBEL UP-DOWN EVO 15° 350mA 3000K	BLACK + GOLD
667147M	NOBEL UP-DOWN EVO 36° 350mA 2700K	TEXTURED WHITE
667157M	NOBEL UP-DOWN EVO 36° 350mA 2700K	CU29 + TEXTURED BLACK BASE & FOCUS
667126M	NOBEL UP-DOWN EVO 36° 350mA 2700K	TEXTURED BLACK
667196M	NOBEL UP-DOWN EVO 36° 350mA 2700K	BLACK + GOLD
667167M	NOBEL UP-DOWN EVO 36° 350mA 3000K	TEXTURED WHITE
667177M	NOBEL UP-DOWN EVO 36° 350mA 3000K	CU29 + TEXTURED BLACK BASE & FOCUS
667146M	NOBEL UP-DOWN EVO 36° 350mA 3000K	TEXTURED BLACK
667116M	NOBEL UP-DOWN EVO 36° 350mA 3000K	BLACK + GOLD
667147W	NOBEL UP-DOWN EVO 50° 350mA 2700K	TEXTURED WHITE
667157W	NOBEL UP-DOWN EVO 50° 350mA 2700K	CU29 + TEXTURED BLACK BASE & FOCUS
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667146W	NOBEL UP-DOWN EVO 50° 350mA 3000K	TEXTURED BLACK
667116W	NOBEL UP-DOWN EVO 50° 350mA 3000K	BLACK + GOLD