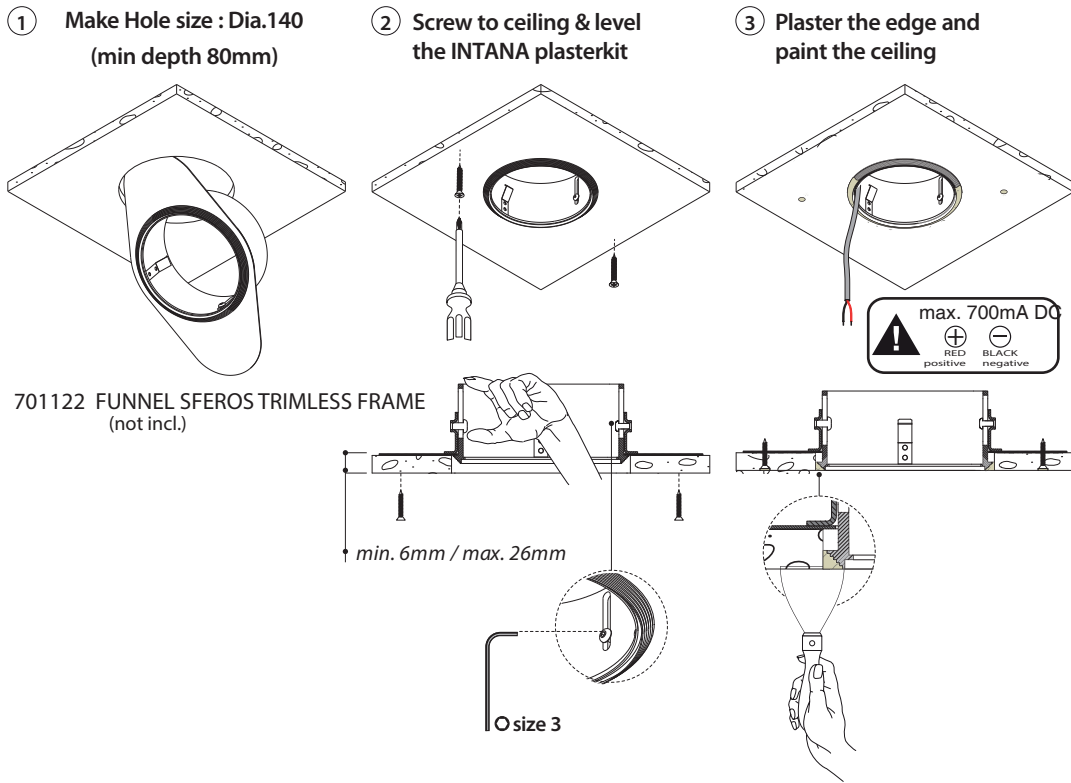


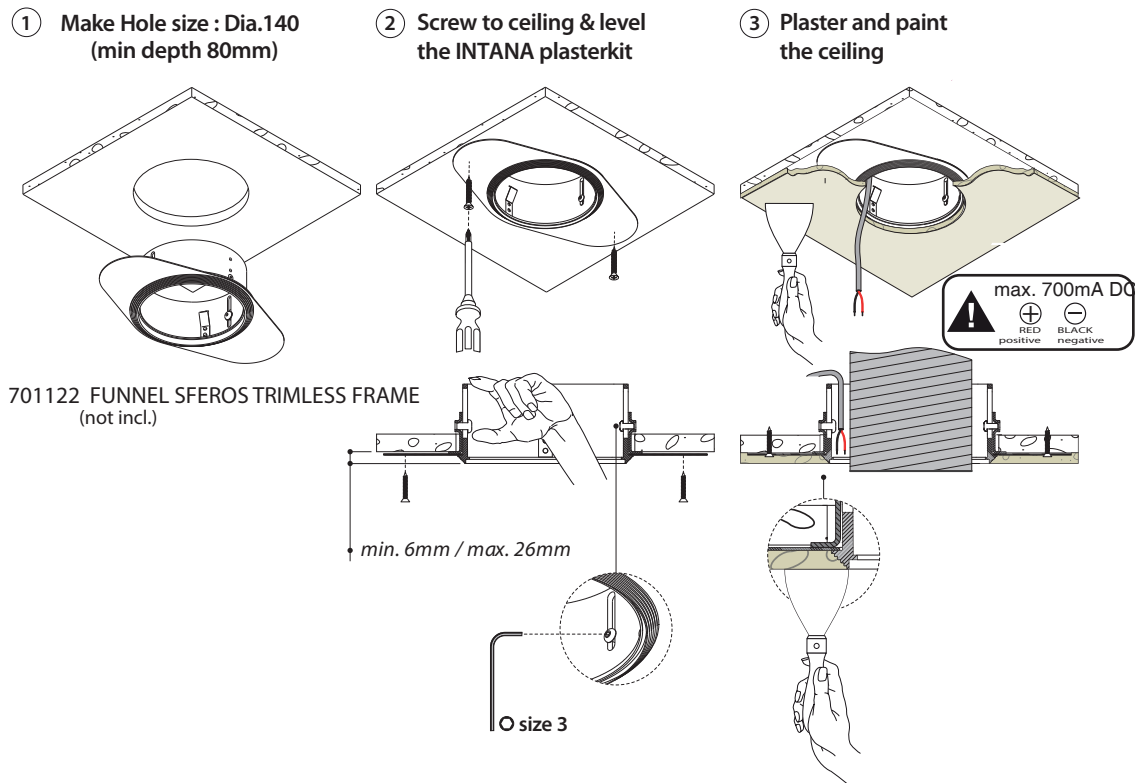
name FUNNEL SFEROS TRIMLESS 700mA

INSTALLATION

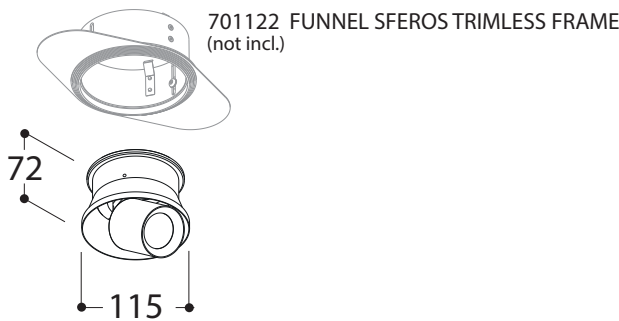
A FUNNEL SFEROS TRIMLESS IN PLASTERBOARD (HOLLOW CEILINGS)



B FUNNEL SFEROS TRIMLESS ON PLASTERBOARD (SOLID CEILINGS)

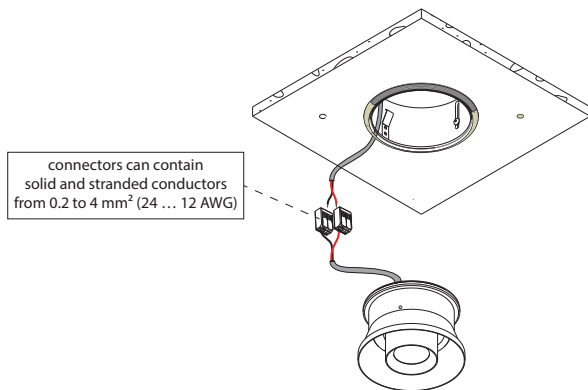


ALL REFS SEE TABLE ON VERSO PAGE

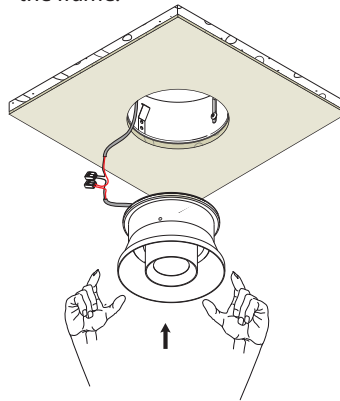


safe distance to object	- 0,1m -
lamp / (lum.flux) / (colortemp)	700mA 755lm / 2700K Luxeon M 810lm / 3000K
fitting	None
watt	7,84W
current*	700mA DC (Vf = 11,2V)
symbol	
gear	Converter not incorporated
ip/class	IP20
application	Ceiling mounted
orientability	345° Rotating, 60° Tilting
dimmability	PWM or CCR dimmable
weight	0.6
beamangle	24°/36°/60°
CRI	90
SDCM	3
ACCESSORY	MX100090: HONEYCOMB (see seperate manual)

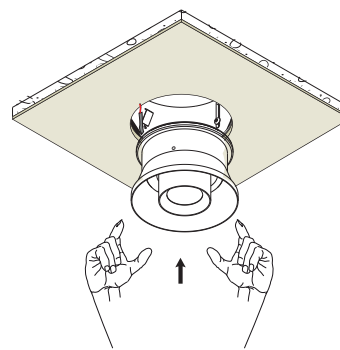
4 Make electrical connection.



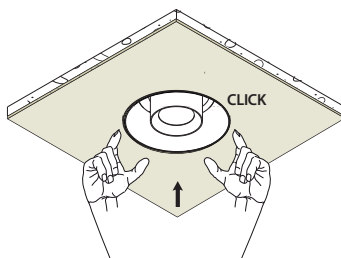
5.1 Push the luminaire gently into the frame.



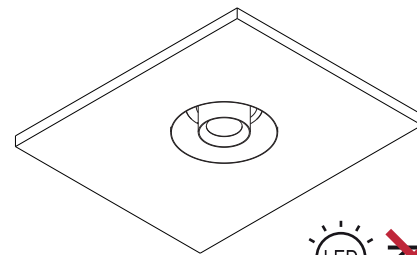
5.2



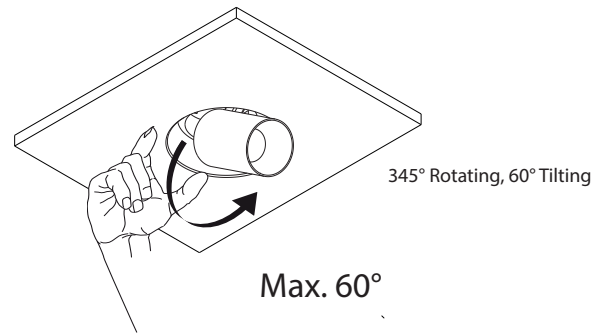
5.3



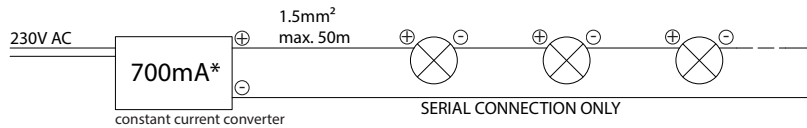
6 SWITCH ON MAINS POWER SUPPLY



7 HOLD HOUSING TO ORIENT LEDMODULE



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



FOR COMPATIBLE CONVERTERS SEE LEDCONVERTER MATRIX



Non-replaceable light source

INSTALLATIE- EN ONDERHOUDSRICHTLIJNEN m.b.t. FABRIEKSGARANTIE.

- DE VERBINDINGEN EN HET UITTESTEN VAN DEZE TOESTELLEN DIENEN ALTIJD TE GEBEUREN DOOR EEN ERKENDE ELECTRO-INSTALLATEUR.
- DEZE VERLICHTINGSTOESTELLEN MOETEN GEïNSTALLEERD, VERBONDEN EN GETEST WORDEN VOLGENS DE NATIONAAL GELDENDE REGLEMENTEN OP DE ELECTISCHE INSTALLATIES (BELGIE?, A.R.E.I., DUITSLAND: DIN VDE 0100 TEIL 559 A2, ...; DEZE OPSOMMING IS LOUÏTER INFORMATIEF)
- DE TECHNISCHE BUSLUITER MOET GEZIEN WORDEN ALS ONDERDEEL VAN DE ALGEMENE VERKOOPVOORWAARDEN VAN TAL N.V.
- DE ELECTRO-INSTALLATEUR IS VERANTWOORDELIJK VOOR HET GEBRUIKEN VAN VOORSCHAKELAPPARATUUR DIE VOLDOET AAN DE GELDENDE CE EN EMC NORMEN.
- VERVANG DE LAMP (-EN) ALTIJD MET DE GROOTSTE ZORG, ZE IS (ZIJN) UITERST BREEKBAAR.
- 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.

- LE PLACEMENT, LE RACCORDEMENT ET L'ESSAI DE CET APPAREIL DOIVENT TOUJOURS E^TRE EFFECTUES PAR UN INSTALLATEUR ELECTRICIEN AGREE.
- LES LUMINAIRES DOIVENT E^TRE 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)
- CE MANUEL D'INSTALLATION TECHNIQUE REPRESENTE UNE PARTIE DES CONDITIONS GENERALES DE VENTE DE TAL N.V.
- L'ELECTRO-INSTALLATEUR EST RESPONSABLE POUR L'USAGE DE BALLASTS, TRANSFO'S,...CONFORMES AUX NORMES CE ET EMC EN VIGUEUR.
- REMPLACEZ TOUJOURS L'AMPOULE (LES AMPOULES) AVEC PRUDENCE; ELLE(-S) EST (SONT) TRES FRAGILE (-S).
- ATTENTION: NE JAMAIS REMPLACER L'AMPOULE AUX MAINS NUES, UTILISEZ TOUJOURS UN CHIFFON!

INSTALLATION AND MAINTENANCE INSTRUCTIONS IN VIEW OF THE MANUFACTURER'S GUARANTEE.

- THE CONNECTION AND TESTING OF THE DEVICES SHOULD ALWAYS BE PERFORMED BY A RECOGNIZED ELECTRICIAN.
- 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)
- THIS TECHNICAL ENCLOSURE NEEDS TO BE ADDED TO THE GENERAL SALES CONDITION OF THE TAL N.V.
- THE ELECTRO TECHNICIAN IS RESPONSABLE TO USE BALLASTS, TRANSFORMERS,...WHICH MEET THE VALID CE AND EMC RULES.
- ALWAYS REPLACE THE LAMP (-S) WITH UTMOST CAUTIOUSNESS, THE LAMP (-S) IS (ARE) VERY FRAGILE.
- ATTENTION: NEVER REPLACE THE LAMP WITH BARE HANDS, ALWAYS USE A CLOTH!

MONTAGE- UN UNTERHALT INSTRUCTIONS ZU BEACHTEN MIT BEZUG AUF DER GARANTIE.

- DIE MONTAGE, DER ANSCHLUSS UND DAS AUSTESTEN DER LEUCHTEN SOLL IMMER VON EINEM ZUSTAENDIGEN ELECTRO-INSTALLATEUR AUSGEFUEHRT WERDEN.
- DIESE LEUCHTEN MUESSEN INSTALLIERT, ANGESCHLOSSEN UND GETESTET WERDEN NACH DER ALLGEMEINEN NAZIONALEN REGLEMENTATION UBER DIE ELEKTRISCHE INSTALLATIONEN (BELGIEN, 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).
- DIESE TECHNISCHE GEBRAUCHSANWEISUNG GEHORT ZU DEN ALLGEMEINEN VERKAUFSBEDINGUNGEN VON TAL N.V.
- DER ELEKTRO-INSTALLATEUR IST VERANTWORTLICH FUR DAS VERWENDEN VON CE UND EMC GEPRUEFTE VORSCHALTGERAETE.
- DIE LAMPE(-N) SOLL(-EN) IMMER SERH VORSICHTIG ERSAETZT WERDEN.
- VORSICHT: MAN DARF NIE DIE LAMPE MIT DEN NACKTEN HAENDEN BERTUEHREN, MAN SOL IMMER EINEN TUCH BENUTZEN!

name	FUNNEL SFEROS TRIMLESS 700mA	
133845	FUNNEL SFEROS TRIMLESS 700mA 24° 2700K	BRUSHED BRONZE ANO
133843	FUNNEL SFEROS TRIMLESS 700mA 24° 2700K	BRUSHED GOLD ANO
133844	FUNNEL SFEROS TRIMLESS 700mA 24° 2700K	BRUSHED TITANIUM ANO
133846	FUNNEL SFEROS TRIMLESS 700mA 24° 2700K	TEXTURED BLACK
133827	FUNNEL SFEROS TRIMLESS 700mA 24° 2700K	TEXTURED WHITE
133855	FUNNEL SFEROS TRIMLESS 700mA 24° 3000K	BRUSHED BRONZE ANO
133853	FUNNEL SFEROS TRIMLESS 700mA 24° 3000K	BRUSHED GOLD ANO
133854	FUNNEL SFEROS TRIMLESS 700mA 24° 3000K	BRUSHED TITANIUM ANO
133856	FUNNEL SFEROS TRIMLESS 700mA 24° 3000K	TEXTURED BLACK
133837	FUNNEL SFEROS TRIMLESS 700mA 24° 3000K	TEXTURED WHITE
133825	FUNNEL SFEROS TRIMLESS 700mA 36° 2700K	BRUSHED BRONZE ANO
133823	FUNNEL SFEROS TRIMLESS 700mA 36° 2700K	BRUSHED GOLD ANO
133824	FUNNEL SFEROS TRIMLESS 700mA 36° 2700K	BRUSHED TITANIUM ANO
133866	FUNNEL SFEROS TRIMLESS 700mA 36° 2700K	TEXTURED BLACK
133867	FUNNEL SFEROS TRIMLESS 700mA 36° 2700K	TEXTURED WHITE
133835	FUNNEL SFEROS TRIMLESS 700mA 36° 3000K	BRUSHED BRONZE ANO
133833	FUNNEL SFEROS TRIMLESS 700mA 36° 3000K	BRUSHED GOLD ANO
133834	FUNNEL SFEROS TRIMLESS 700mA 36° 3000K	BRUSHED TITANIUM ANO
133876	FUNNEL SFEROS TRIMLESS 700mA 36° 3000K	TEXTURED BLACK
133877	FUNNEL SFEROS TRIMLESS 700mA 36° 3000K	TEXTURED WHITE
133885	FUNNEL SFEROS TRIMLESS 700mA 60° 2700K	BRUSHED BRONZE ANO
133883	FUNNEL SFEROS TRIMLESS 700mA 60° 2700K	BRUSHED GOLD ANO
133884	FUNNEL SFEROS TRIMLESS 700mA 60° 2700K	BRUSHED TITANIUM ANO
133886	FUNNEL SFEROS TRIMLESS 700mA 60° 2700K	TEXTURED BLACK
133887	FUNNEL SFEROS TRIMLESS 700mA 60° 2700K	TEXTURED WHITE
133895	FUNNEL SFEROS TRIMLESS 700mA 60° 3000K	BRUSHED BRONZE ANO
133893	FUNNEL SFEROS TRIMLESS 700mA 60° 3000K	BRUSHED GOLD ANO
133894	FUNNEL SFEROS TRIMLESS 700mA 60° 3000K	BRUSHED TITANIUM ANO
133896	FUNNEL SFEROS TRIMLESS 700mA 60° 3000K	TEXTURED BLACK
133897	FUNNEL SFEROS TRIMLESS 700mA 60° 3000K	TEXTURED WHITE
701122	FUNNEL SFEROS TRIMLESS FRAME	