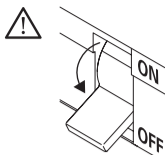


## TTP 70 (T5)

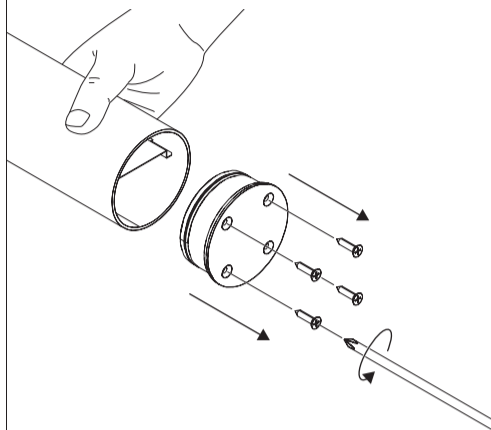
**EN** LAMP REPLACEMENT  
**FR** REMPLACEMENT DES LAMPES  
**DE** LAMPEN ERSATZ  
**PT** SUBSTITUIÇÃO DE LÂMPADA  
**ES** REEMPLAZO DE LÁMPARA



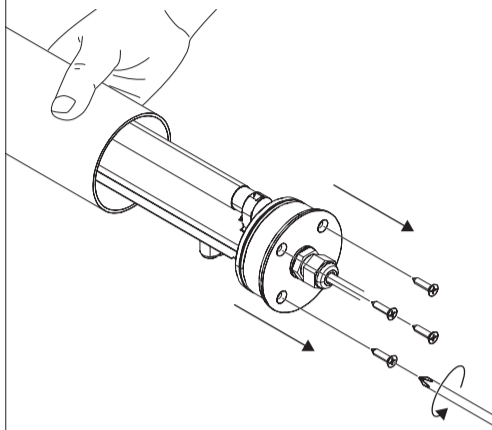
**EN** Turn off the electricity to the lamp replacement procedure, when you opening the luminaire it lose the class.  
**FR** Coupez l'alimentation électrique pour le remplacement des tubes, lors de l'ouverture du luminaire celle-ci perdra la classe de protection.  
**DE** Schalten Sie die Stromversorgung aus um die Lampen zu ersetzen, beim Öffnen der Leuchte verliert diese die Klasse.

**PT** Desligar a corrente eléctrica para o procedimento de substituição de lâmpadas, ao abrir a luminária esta terá perda da classe.  
**ES** Desconectar la corriente eléctrica para el procedimiento de sustitución de lámparas, al abrir la luminaria esta perderá la clase.

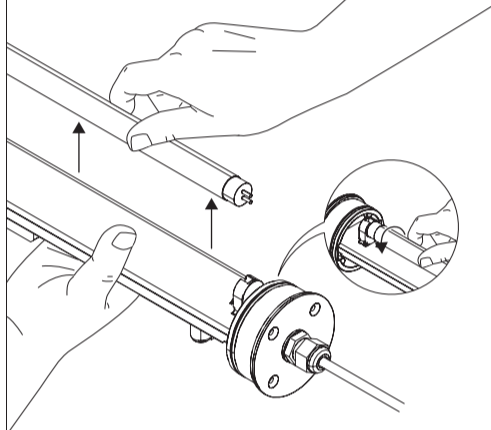
### 4 - TTP 70 (T5)



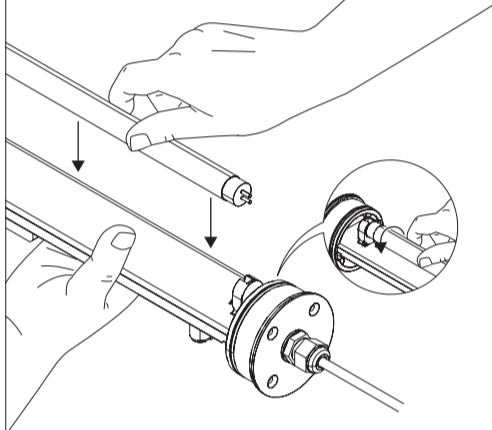
### 5 - TTP 70 (T5)



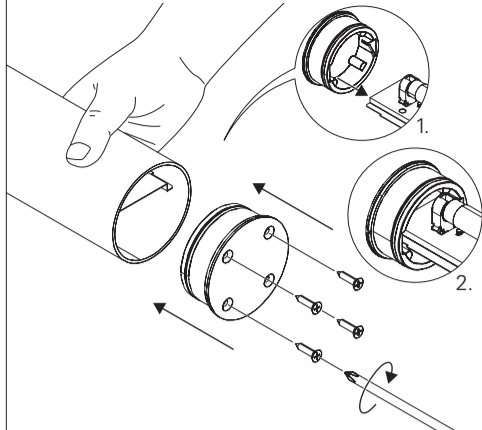
### 6 - TTP 70 (T5)



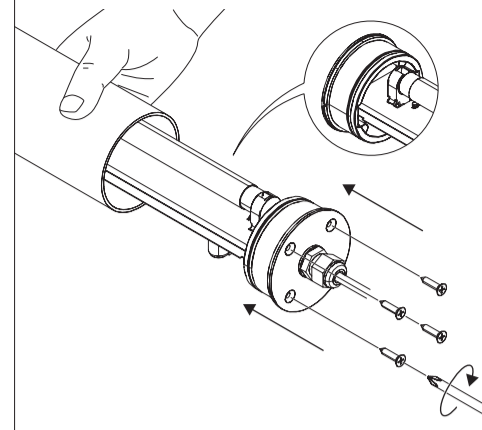
### 7 - TTP 70 (T5)



### 8 - TTP 70 (T5)



### 9 - TTP 70 (T5)

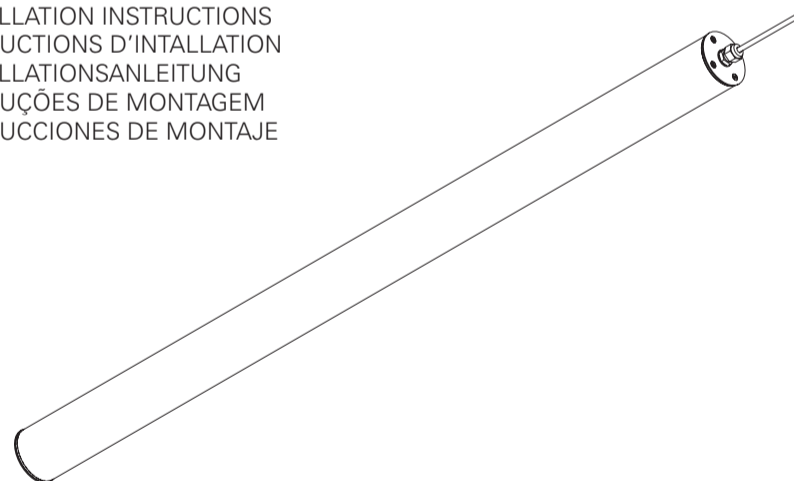


ROXO lighting

MADE IN PORTUGAL

## TTP 70 LED | TTP 70

**EN** INSTALLATION INSTRUCTIONS  
**FR** INSTRUCTIONS D'INSTALLATION  
**DE** INSTALLATIONSANLEITUNG  
**PT** INSTRUÇÕES DE MONTAGEM  
**ES** INSTRUCCIONES DE MONTAJE



### TTP 70 LED

CE IP 68 (1,2m) IK 10 230V/50Hz

**EN** Surface mounted luminaire  
**FR** Luminaire saillie  
**DE** Aufbauleuchte  
**PT** Luminária saliente  
**ES** Luminaria de superficie

**EN** Suspended luminaire  
**FR** Luminaire suspendu  
**DE** Hängeleuchte  
**PT** Luminária suspensa  
**ES** Luminaria suspendida

### TTP 70 (T5)

CE IP 68 (1,2m) IK 10 230V/50Hz

**EN** Wall mounted luminaire  
**FR** Applique murale  
**DE** Wandleuchte  
**PT** Luminária de parede  
**ES** Luminaria de pared

**LED VERSION | VERSION LED | VERSÃO LED | VERSÃO LED | VERSIÓN LED**

**EN** Do not open the luminaire. Any anomalies, please contact the manufacturer.  
**FR** Ne pas ouvrir l'appareil. Pour toute anomalie détectée contacter le fabricant.  
**DE** Leuchte nicht aufmachen, falls Anomalien vorfinden, bitte den Hersteller kontaktieren.  
**PT** Não abrir a luminária. Qualquer anomalia detetada contactar o fabricante.  
**ES** No abrir la luminaria. Para cualquier anomalía detectada contactar con el fabricante.

**EN** Caution, risk of electric shock.  
**FR** Attention, risque de choc électrique.  
**DE** Achtung, Gefahr eines Stromschlags.  
**PT** Cuidado, risco de choque elétrico.  
**ES** Precaución, riesgo de descarga eléctrica.

**T5 VERSION | VERSION T5 | VERSÃO T5 | VERSÃO T5 | VERSIÓN T5**

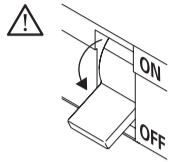
**EN** To ensure the IP, replace the lamps as instructed in this manual.  
**FR** Pour garantir le IP, remplacer les lampes suivant nos instructions.  
**DE** Um den IP-Grad zu sichern, ersetzen Sie die Lampen wie auf den Betriebsanweisungen gezeichnet ist.  
**PT** Para garantir o IP, substitua as lâmpadas conforme as instruções deste folheto.  
**ES** Para garantizar el IP, sustituya las lámparas conforme las instrucciones de este folleto.

**EN** If glass or diffuser break or crack, please replace it.  
**FR** En cas de casse ou fissuration, remplacez le verre ou diffuseur.  
**DE** Bei Bruch oder Riss, Glas oder Diffuser ersetzen.  
**PT** Em caso de quebra ou fissura, substituir o vidro ou difusor.  
**ES** En caso de rotura o fisura, sustituir el vidrio o difusor.

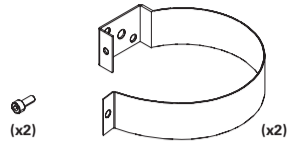
**EN** Read carefully the general terms and conditions of use and environmental concern with recycling attached. | **FR** Lire attentivement les conditions générales d'utilisations et de préoccupation environnementales avec les recyclage ci-joint. | **DE** Bitte lesen Sie de Allgemeinen Geschäftsbedingungen und Umweltbewusstsein über Recycling angeschlossen. | **PT** Ler atentamente as condições gerais de uso e preocupação ambiental com a reciclagem, em anexo. | **ES** Lea atentamente las condiciones generales de uso y preocupación ambiental con el reciclaje adjuntos.

**EN** We reserve the right to make changes on technical specifications, design and installation leaflet without prior notice. | **FR** Sous réserve de modifications au niveau de la conception, des spécifications techniques et de la notice. | **DE** Änderungen von Entwurf, technischen Daten und Bedienungsanleitungen bleiben vorbehalten. | **PT** O fabricante reserva-se no direito de realizar modificações no desenho, especificações técnicas e folheto, sem aviso prévio. | **ES** El fabricante se reserva el derecho de realizar modificaciones en el diseño, las especificaciones técnicas y el folleto.

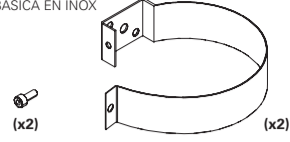
**TTP 70 LED**  
**TTP 70 (T5)**



**1 - BASIC STAINLESS STEEL FIXING HOLDER**  
COLLIERS DE FIXATION BASIQUE EN INOX  
EINFACHE EDELSTAHL HALTERUNG  
ABRACADEIRA BÁSICA EM INOX  
ABRAZADERA BÁSICA EN INOX



**2 - BASIC STAINLESS STEEL FIXING HOLDER**  
COLLIERS DE FIXATION BASIQUE EN INOX  
EINFACHE EDELSTAHL HALTERUNG  
ABRACADEIRA BÁSICA EM INOX  
ABRAZADERA BÁSICA EN INOX



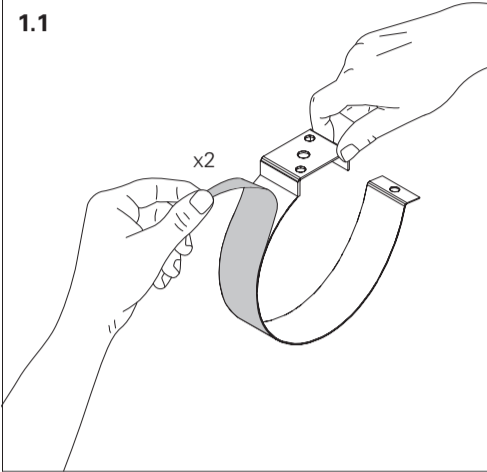
SUSPENSION TYPE "I"  
SUSPENSION TYPE "I"  
AUFHÄNGUNG TYP "I"  
SUSPENSÃO DO TIPO "I"  
SUSPENSIÓN TIPO "I"



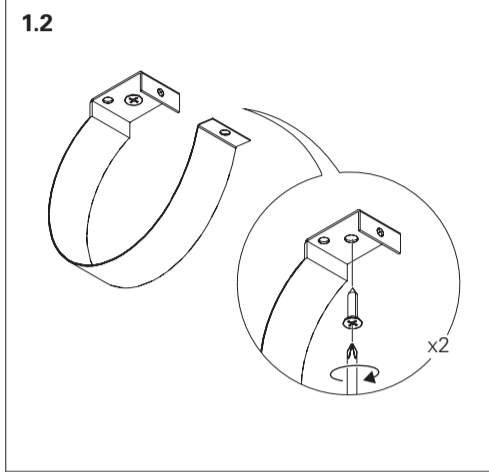
**2.1**



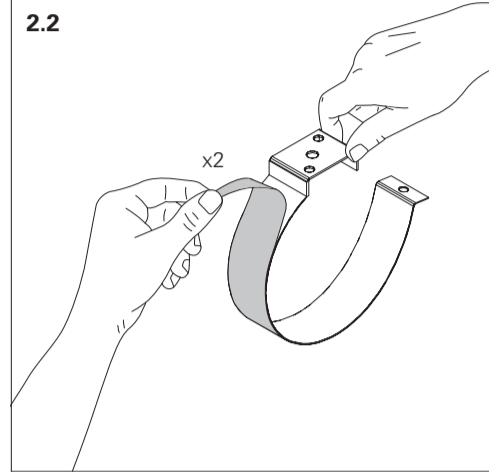
**1.1**



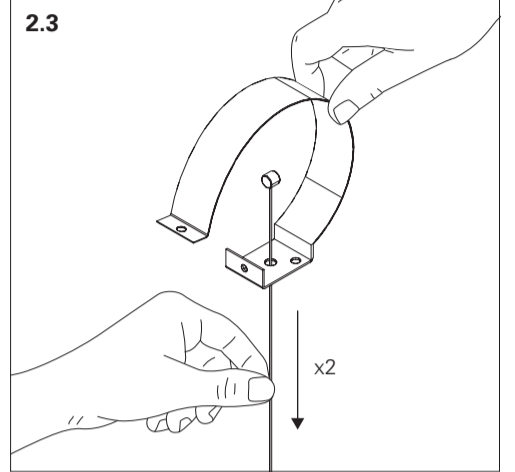
**1.2**



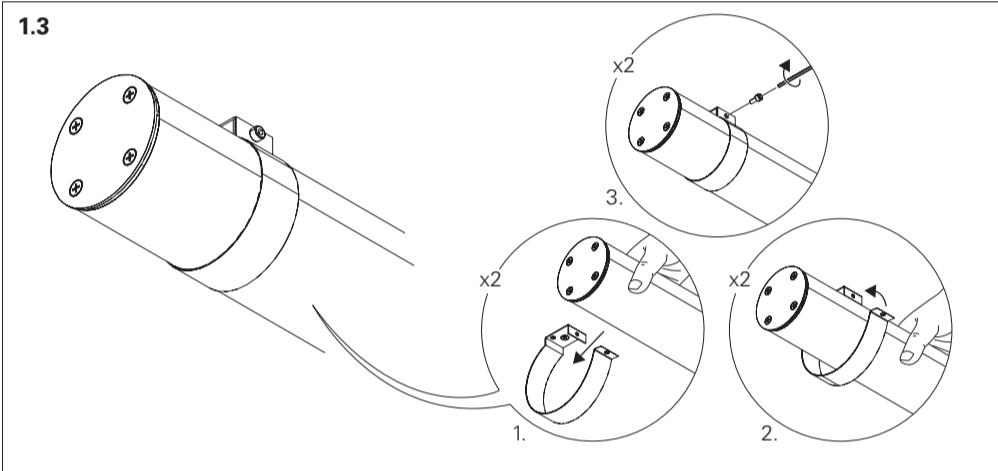
**2.2**



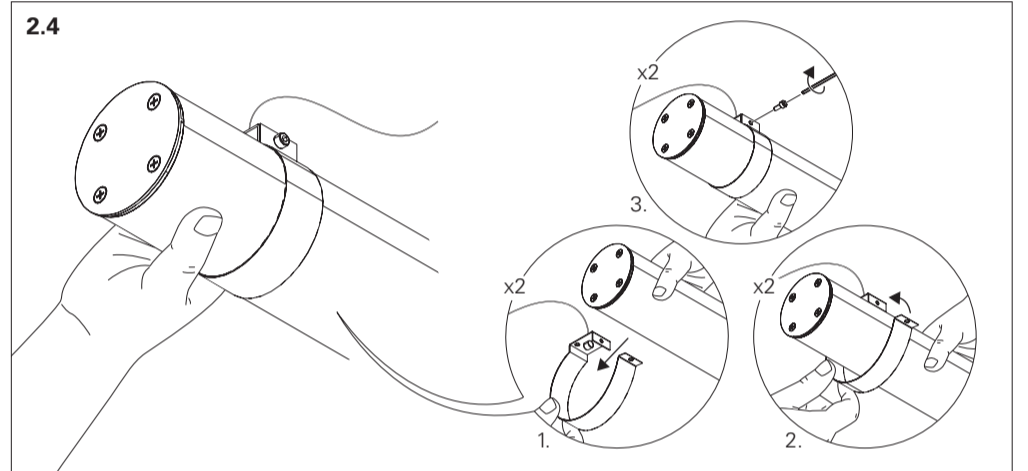
**2.3**



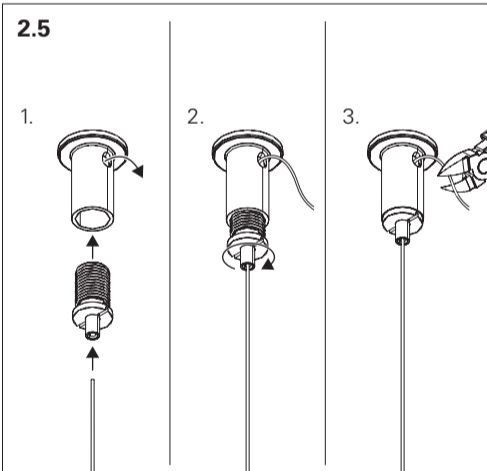
**1.3**



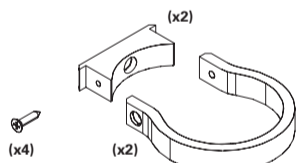
**2.4**



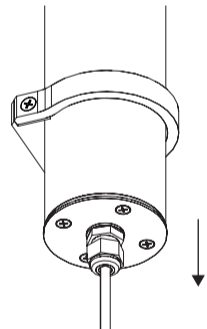
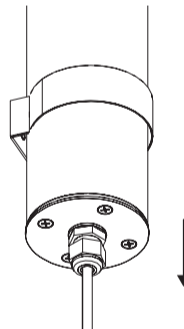
**2.5**



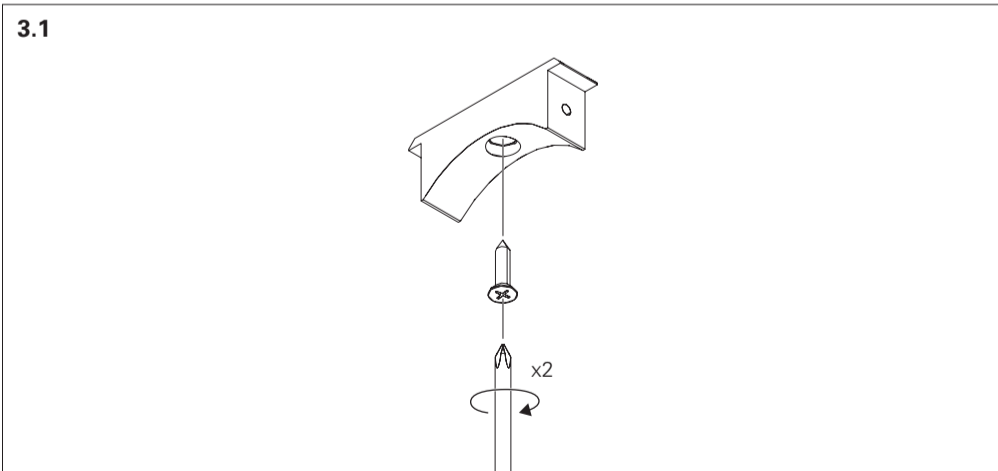
**3 - ACRYLIC FIXING HOLDER**  
COLLIER DE FIXATION EN ACRYLIQUE  
ACRYL HALTERUNG  
ABRACADEIRA EM ACRÍLICO  
ABRAZADERA ACRÍLICA



**!** TO WALL INSTALLATION (VERTICAL), THE GLAND SHOULD BE INSTALLED DOWNWARD.  
POUR APPLICATION MURAL VERTICALE NOUS RECOMMANDONS LE PRESSE ÉTOUPE VERS LE BAS.  
FÜR SENKRECHTE WANDINSTALLIERUNG EMPFEHLEN WIR DIE KABELVERSCHRÄUBUNG NACH UNTEN.  
PARA APLICACIÓN DA LUMINÁRIA NA PAREDE E NA VERTICAL, RECOMENDA-SE O BUCIM VIRADO PARA BAIXO.  
PARA APLICACIÓN DE LA LUMINARIA EN PARED VERTICAL, SE RECOMIENDA COLOCAR EL PRENSAESTOPAS HACIA ABAJO.

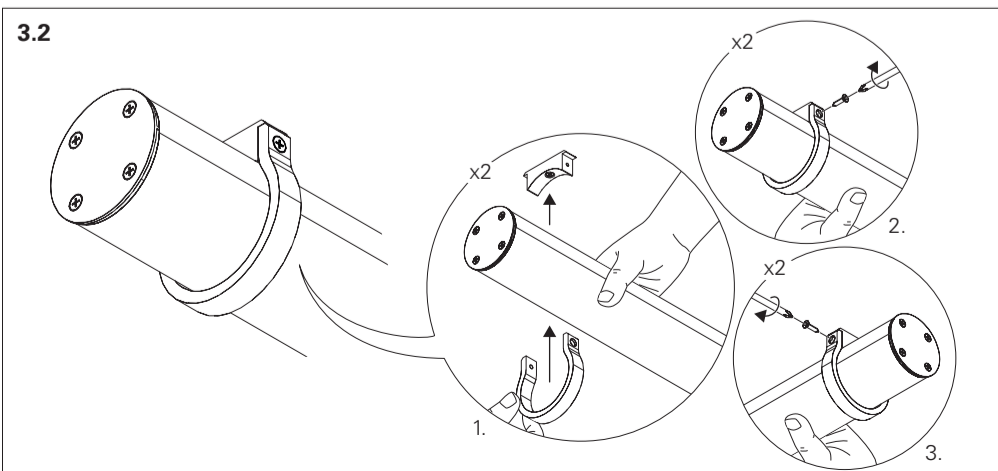


**3.1**



**EN POWER SUPPLY**  
**FR CÂBLAGES**  
**DE VERDRÄHTUNGSTYPEN**  
**PT ALIMENTAÇÃO ELÉCTRICA**  
**ES ALIMENTACIÓN ELÉCTRICA**

**3.2**



HF	DSI/DALI
STANDARD POWER SUPPLY CÂBLAGE STRANDARD STANDARD VERDRÄHTUNG ALIMENTAÇÃO ELECTRICA STANDARD ELECTRIFICACIÓN ESTÁNDAR	DIMMABLE POWER SUPPLY CÂBLAGE AVEC GRADATION DIMMBARE VERDRÄHTUNG ALIMENTAÇÃO ELECTRICA COM REGULACÃO ELECTRIFICACIÓN CON REGULACIÓN
~220-240V 50/60HZ	~220-240V 50/60HZ
L N	L N D1 D2 DADA
BLUE - N (NEUTRAL) BROWN - L (LIVE) BLEU - N (NEUTRE) MARRON - L (PHASE) BLAU - N (NEUTRAL) BRAUN - L (PHASE) AZUL - N (NEUTRO) CASTANHO - L (FASE) AZUL - N (NEUTRAL) MARRÓN - L (FASE)	BLUE - N (NEUTRAL) BROWN - L (LIVE) GREY - D1+ BLACK - D2- BLEU - N (NEUTRE) MARRON - L (PHASE) GRIS - D1+ NOIR - D2- BLAU - N (NEUTRAL) BRAUN - L (PHASE) GRAU - D1+ SCHWARZ - D2- AZUL - N (NEUTRO) CASTANHO - L (FASE) CINZA - D1+ PRETO - D2- AZUL - N (NEUTRAL) MARRÓN - L (FASE) GRIS - D1+ NEGRO - D2-