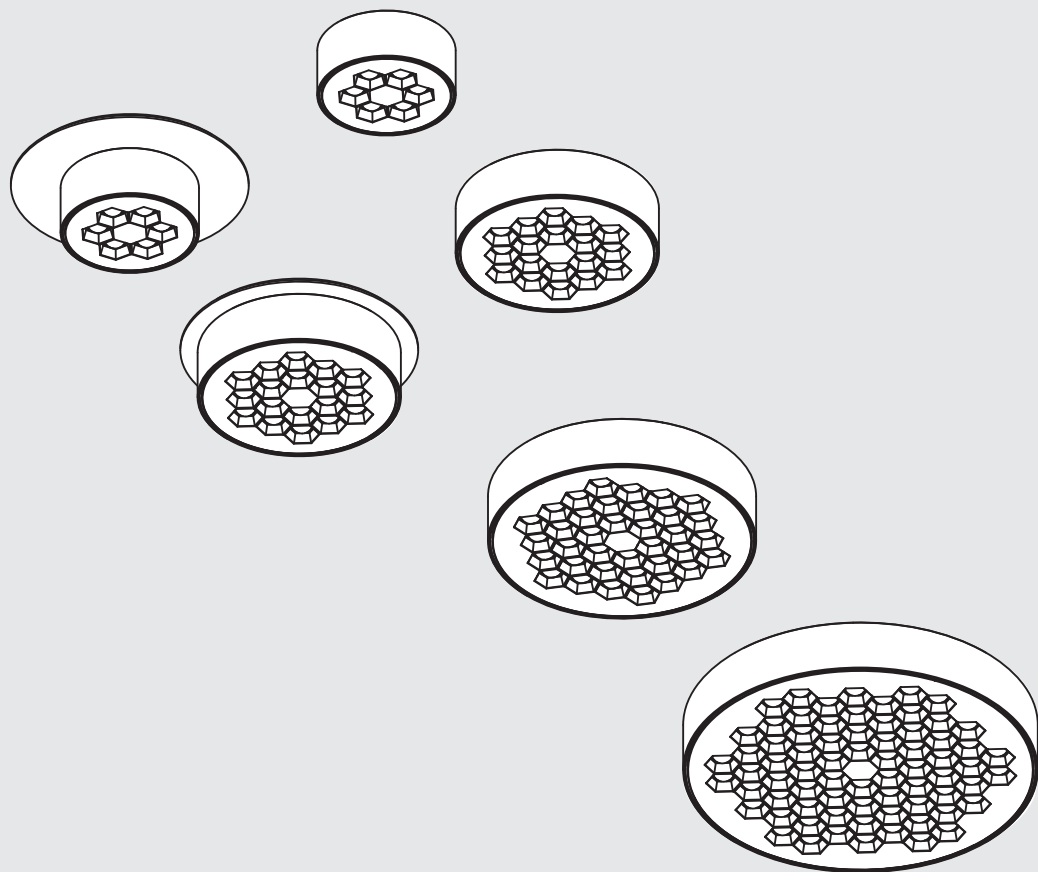


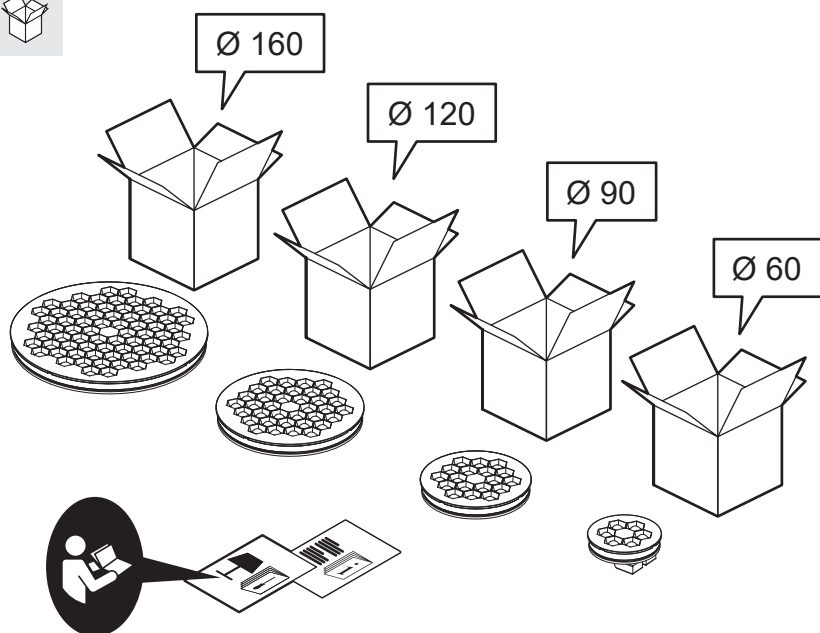
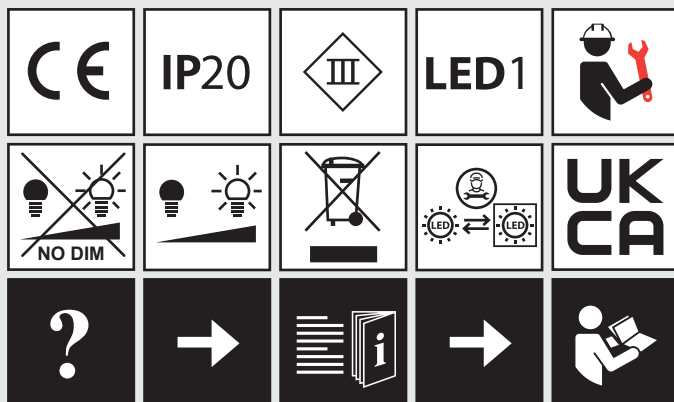
HELGOLAND SMD - CLASS III

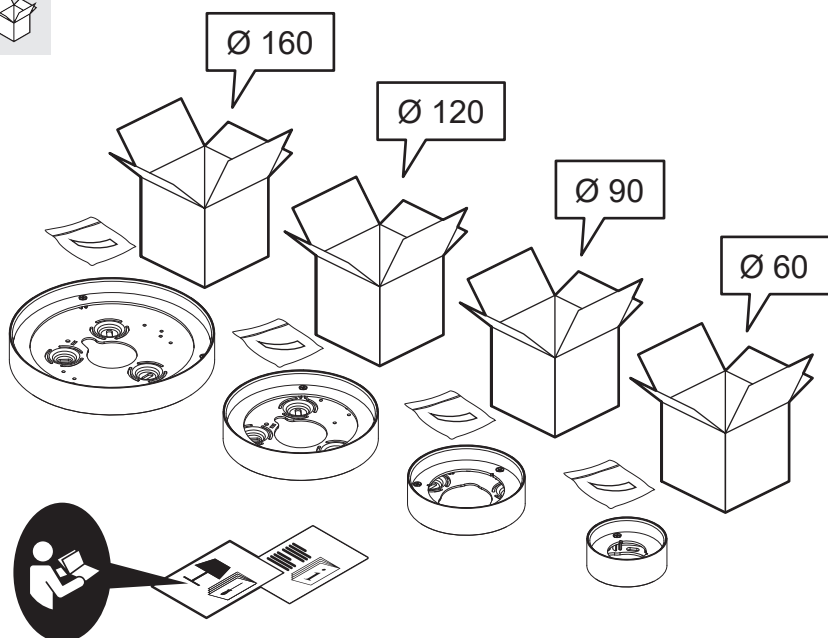
design
Carlotta de Bevilacqua





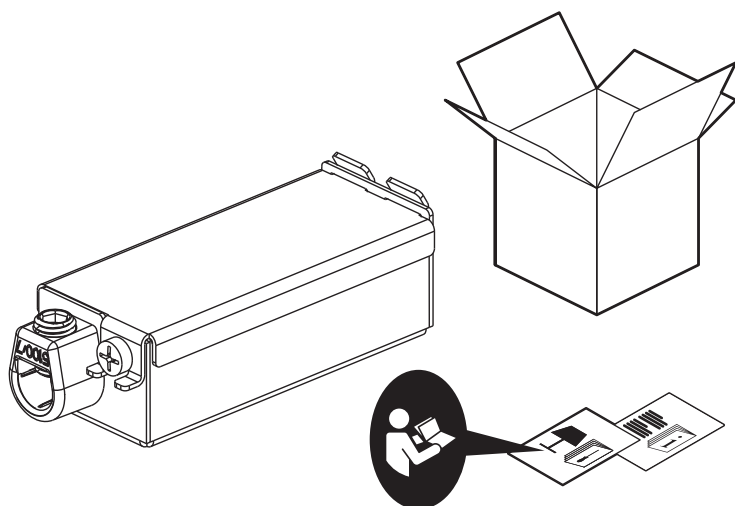
i





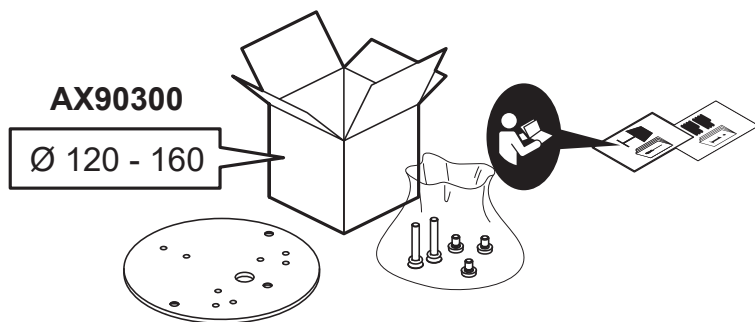
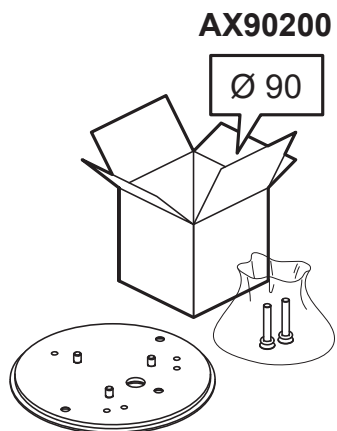
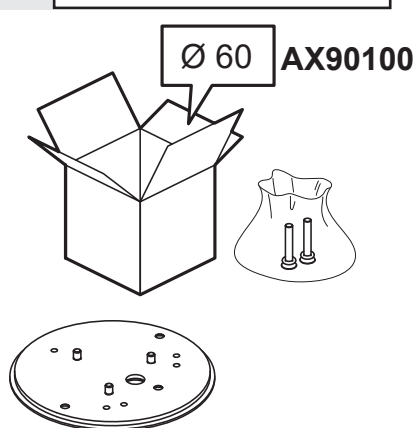
US / CANADA ONLY

AX90000



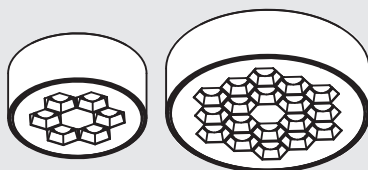


US / CANADA ONLY

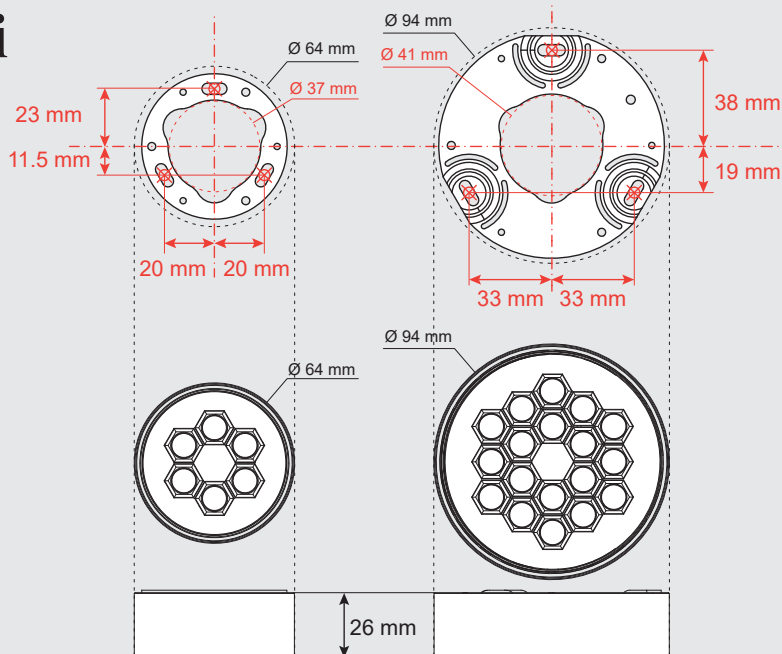


EU / WORLDWIDE

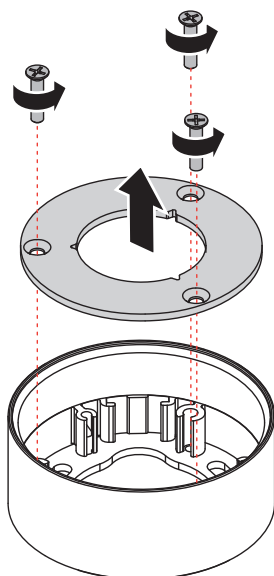
Ø 60 - Ø 90



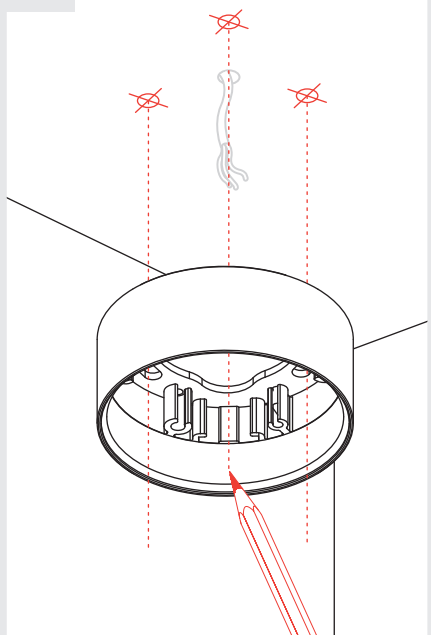
i



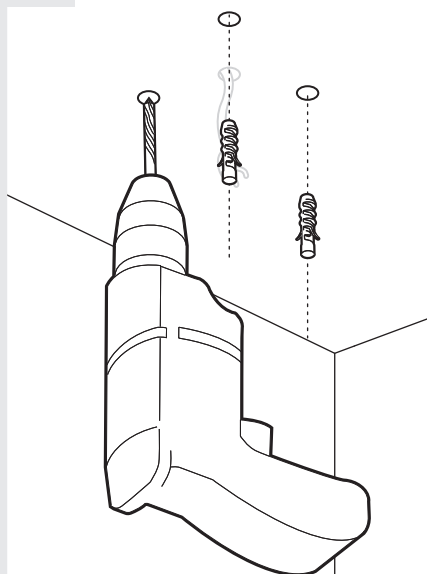
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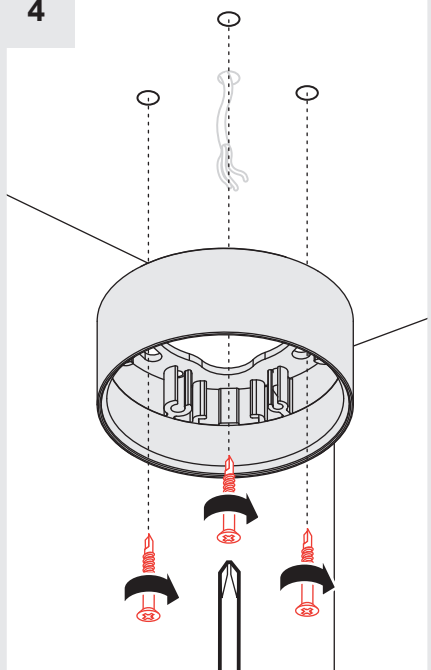
2



3



4



5

Diagram 5 illustrates the reassembly of the upper part of the device. It shows two views of the upper housing being placed back onto the lower housing. Red dashed lines indicate the alignment of the upper housing's components with the lower housing's internal structure. A red circle highlights a specific screw on the lower housing. A red triangle with an exclamation mark and a downward arrow points to a warning area on the lower housing. A screwdriver is shown at the bottom, indicating the next step in the assembly process.

6a

⚠

⊕ Rosso/Red/Rouge/Rojo/Rot
⊖ Nero/Black/Noir/Negro/Schwarz

L — L SELV ⊖ ⊖

N — N **XXX mA** Uout ≤ 60V === ⊕ ⊕

3°

L_{max} [m]	10	20	50
\varnothing_{TBX} [mm ²]	0,50	1,00	2,50

$L_{max} - \varnothing_{max}$

11 mm

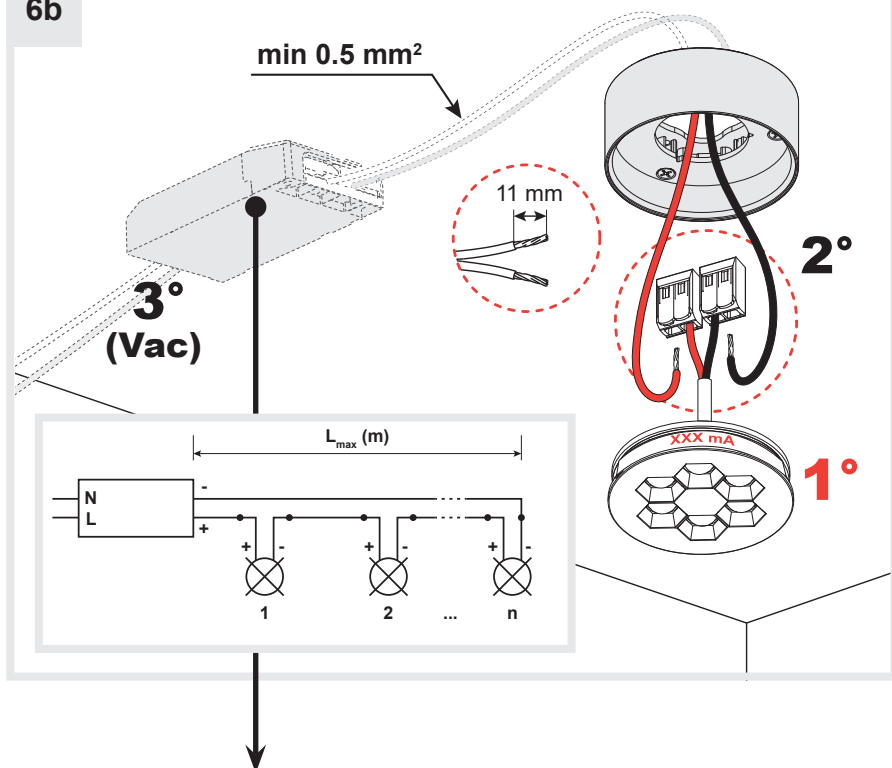
⚠




2°

1°

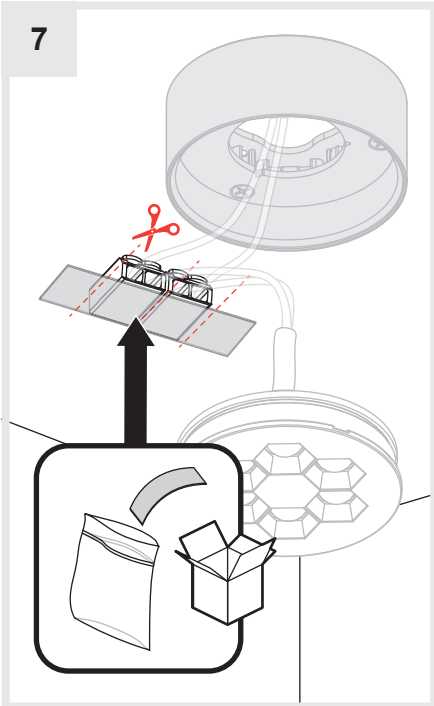
+ ROSSO/ROUGE
- NERO/NOIR/SCHWARZ

6b

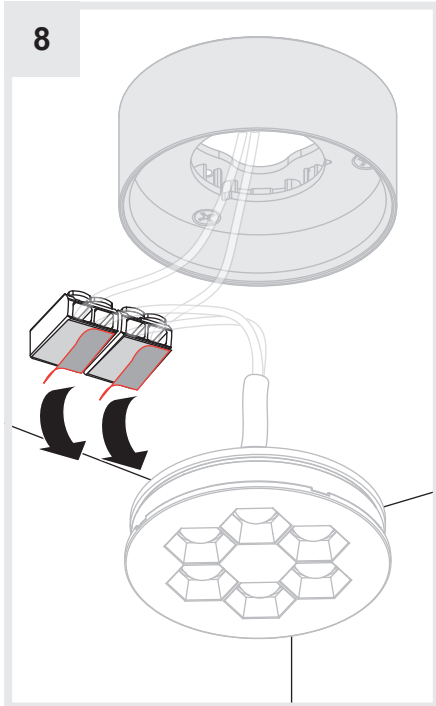


Helgoland sizes [Ø mm]	Remote driver type	Code	Driver dimensions			Circuit breaker	Max distance [m]	Current setting [mA]	V module	Devices nr.
			L [mm]	W [mm]	H [mm]					
60		DV1037	146.5	42.5	22	A 16-30 B 16-50 C 16-70	20	300	8.5 V	2 min - 4 max
90								350	17 V	2 max
120								500	17 V	2 max
160								500	34 V	1 max
60		DV1003	164	38	24.5	A 16-30 B 16-50 C 16-70	15	300	8.5 V	2 min - 5 max
90								350	17 V	2 max
120								500	17 V	2 max
160								500	34 V	1 max
90		DV1104APP	124	79	22	A 16-15 B 16-30 C 16-50	15	350	17 V	2 max
120								500	17 V	2 max
160								500	34 V	1 max

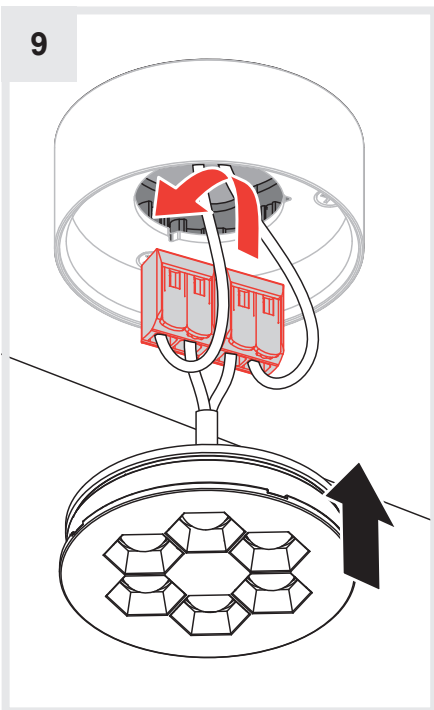
7



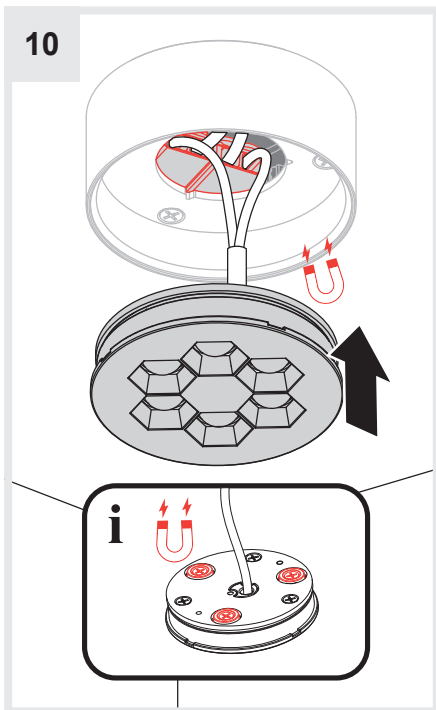
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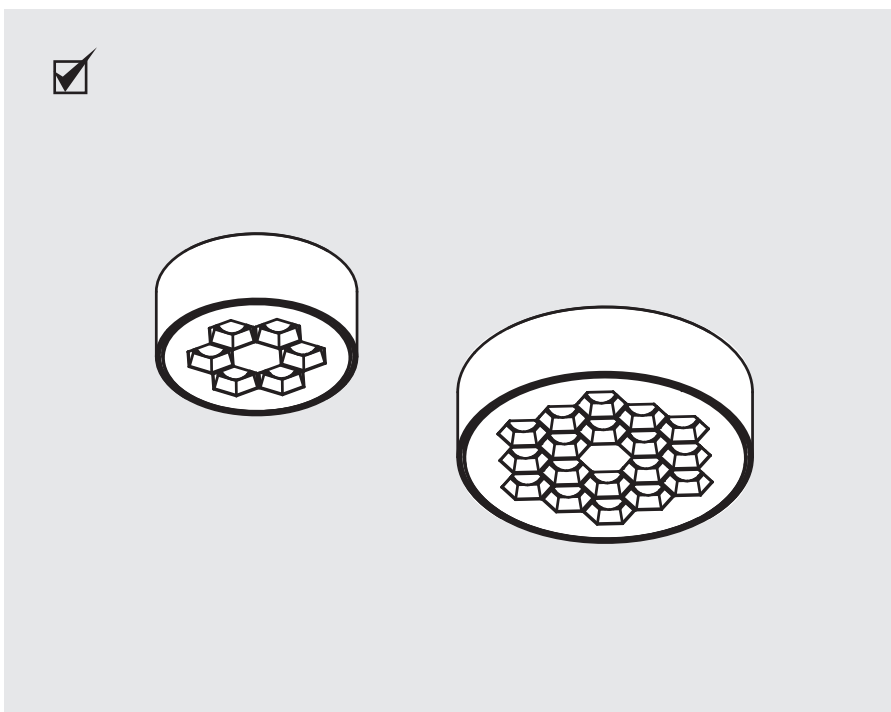
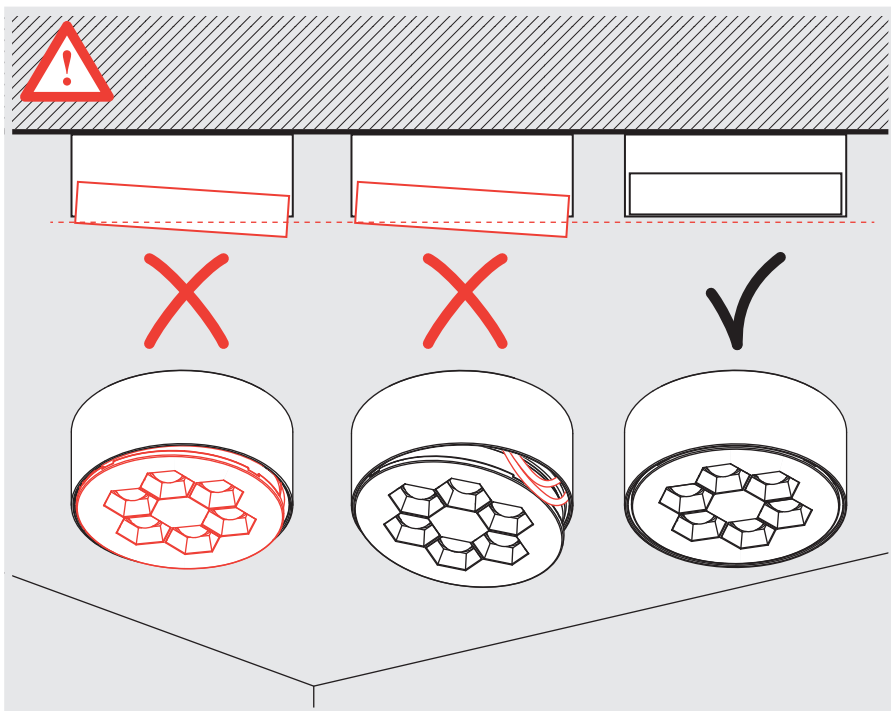


9



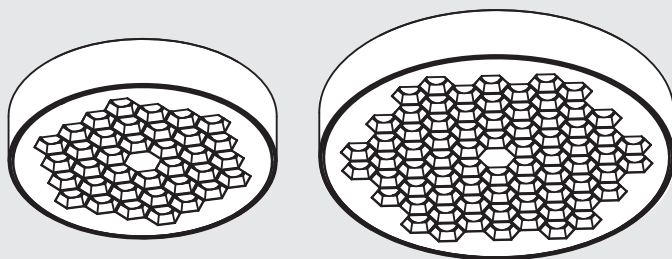
10



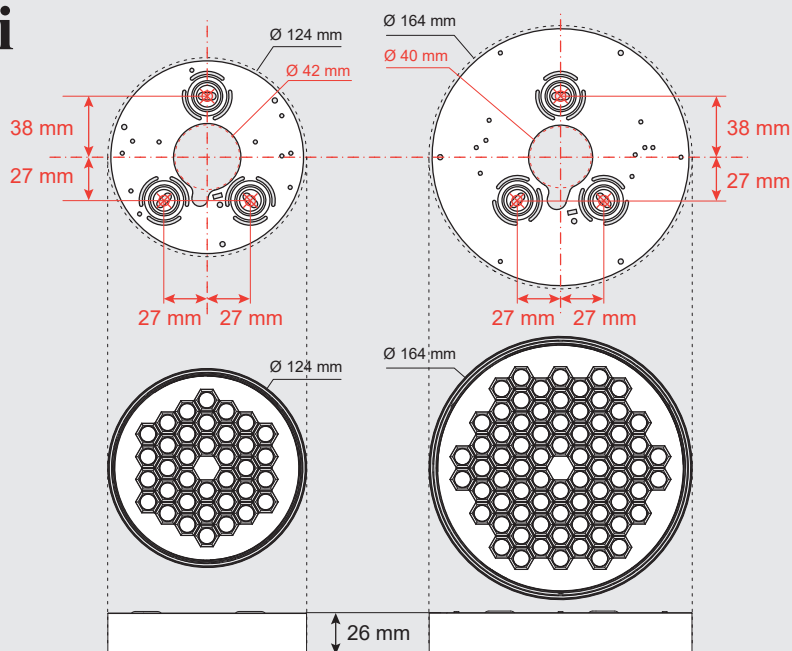


EU / WORLDWIDE

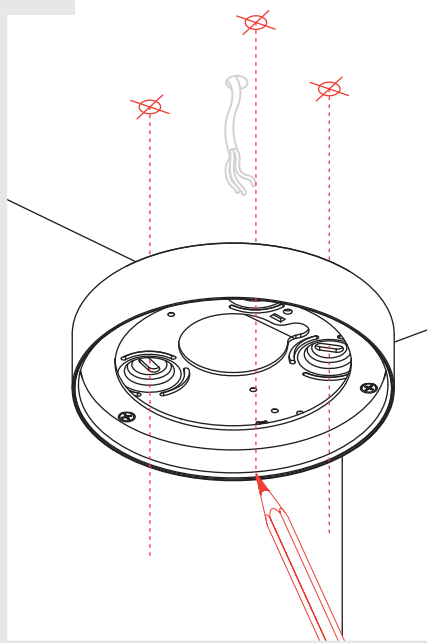
Ø 120 - Ø 160



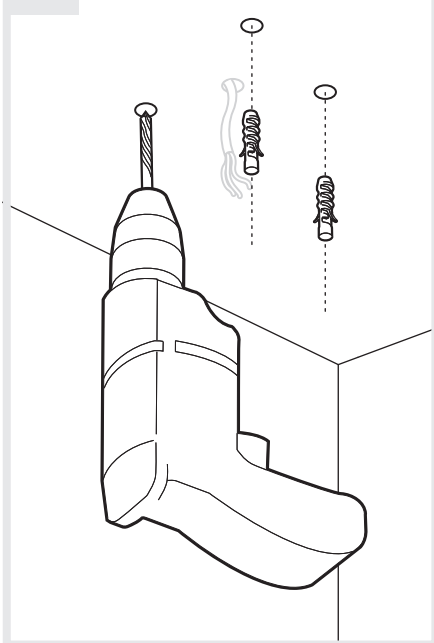
i



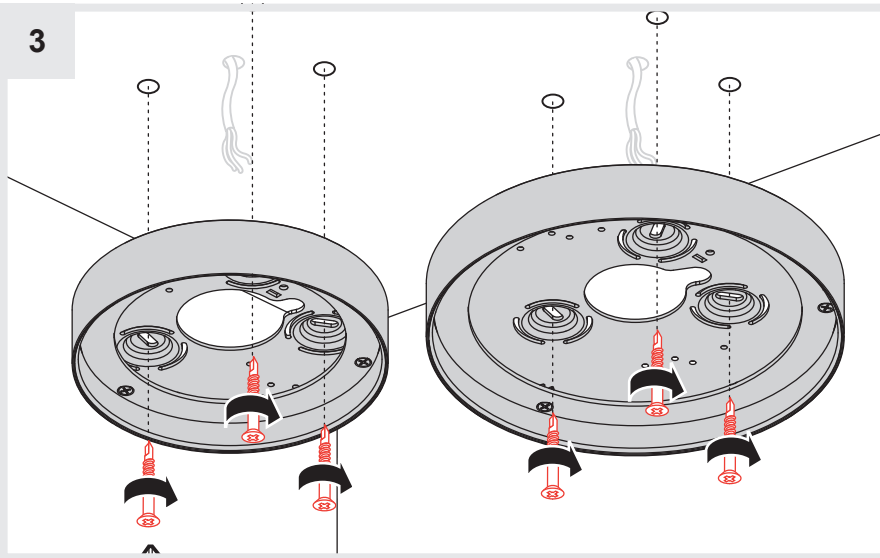
1



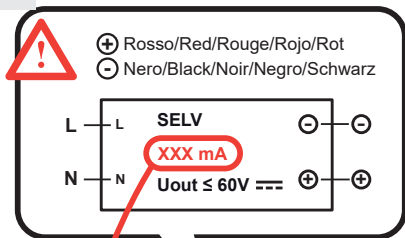
2



3



4a



L _{max} [m]	10	20	50
Ø _{max} [mm ²]	0,50	1,00	2,50

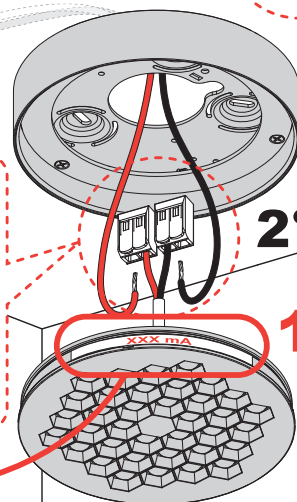
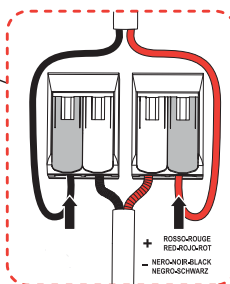
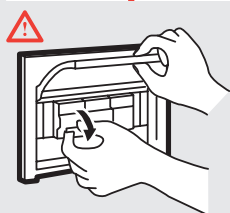
L_{max} - Ø_{max}

11 mm

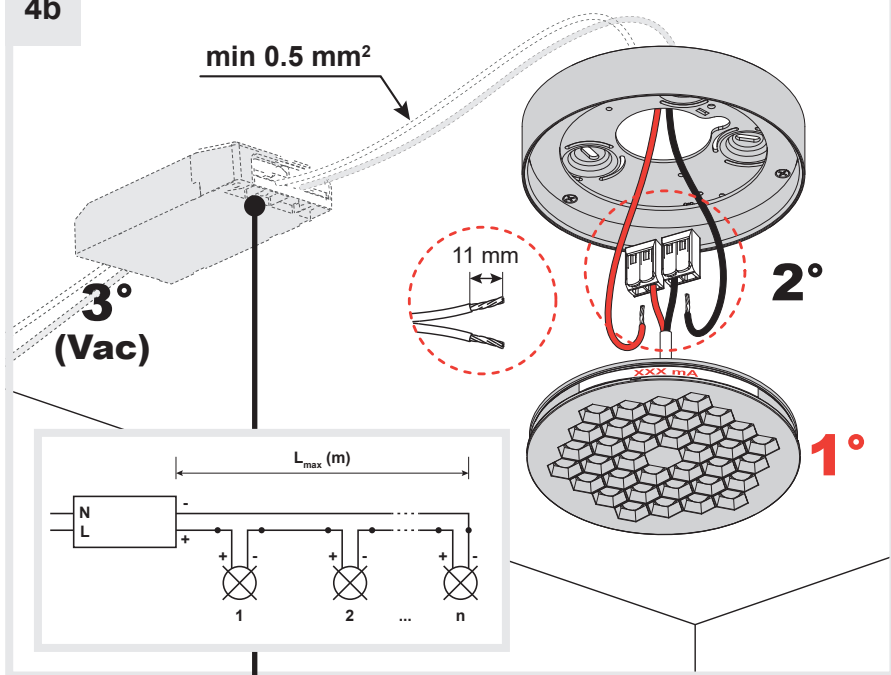
3°




2°

1°

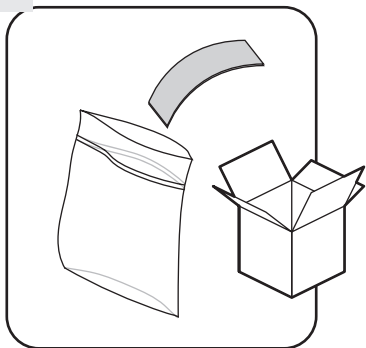


4b

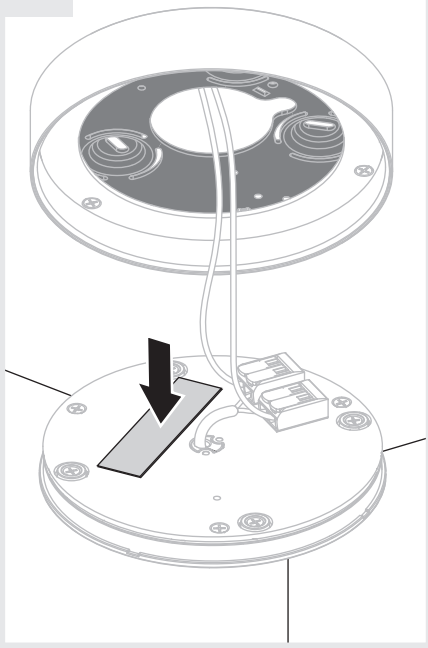


Helgoland sizes [Ø mm]	Remote driver type	Code	Driver dimensions			Circuit breaker	Max distance [m]	Current setting [mA]	V module	Devices nr.
			L [mm]	W [mm]	H [mm]					
60		DV1037	146.5	42.5	22	A 16-30 B 16-50 C 16-70	20	300	8.5 V	2 min - 4 max
90								350	17 V	2 max
120								500	17 V	2 max
160								500	34 V	1 max
60		DV1003	164	38	24.5	A 16-30 B 16-50 C 16-70	15	300	8.5 V	2 min - 5 max
90								350	17 V	2 max
120								500	17 V	2 max
160								500	34 V	1 max
90		DV1104APP	124	79	22	A 16-15 B 16-30 C 16-50	15	350	17 V	2 max
120								500	17 V	2 max
160								500	34 V	1 max

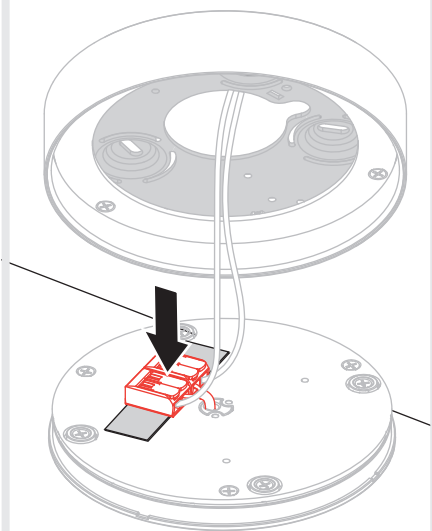
5



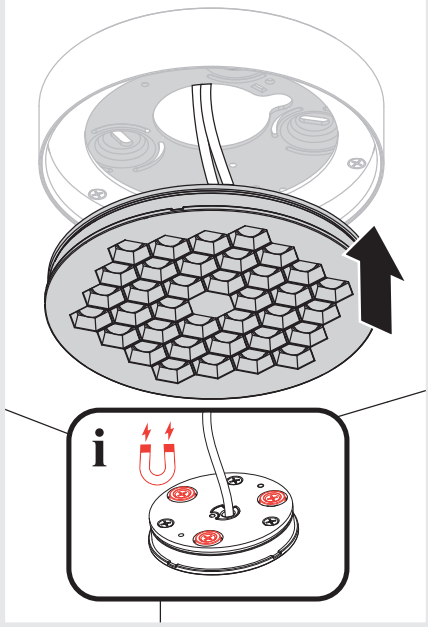
6

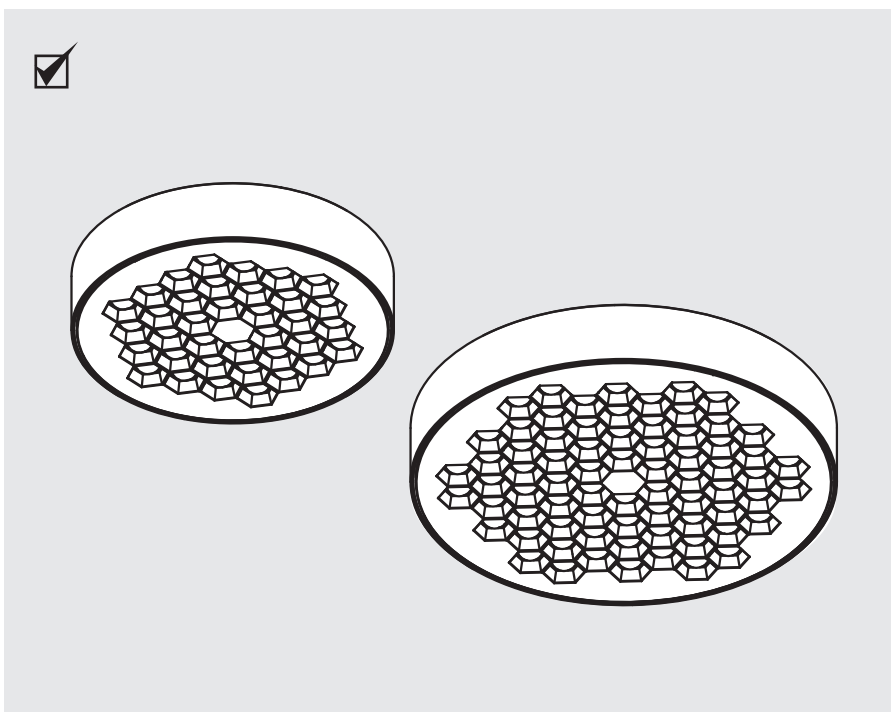
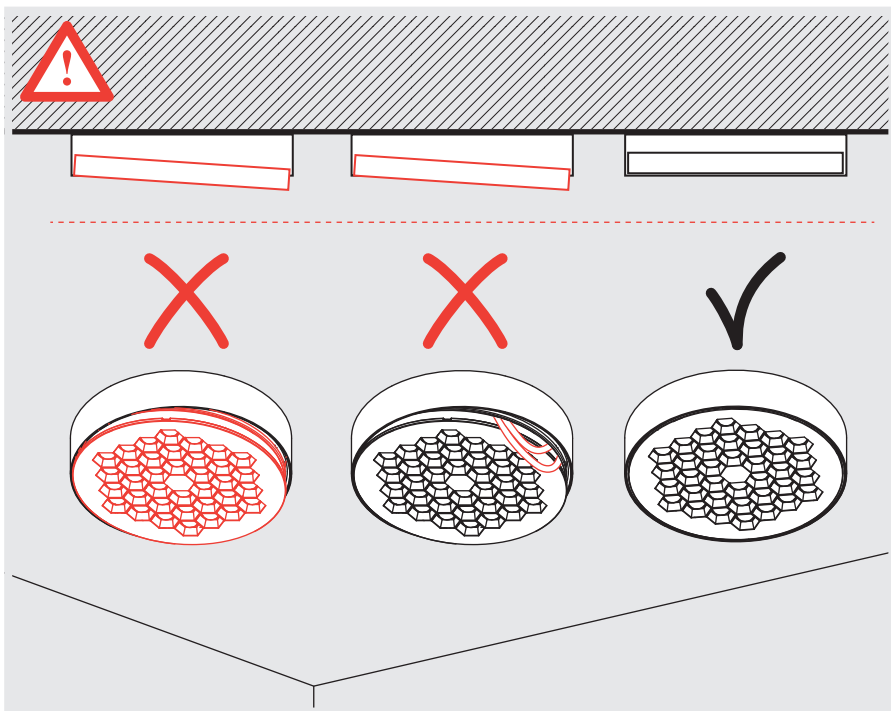


7

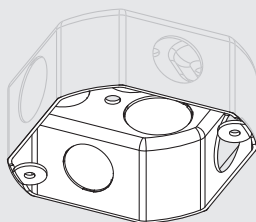


8

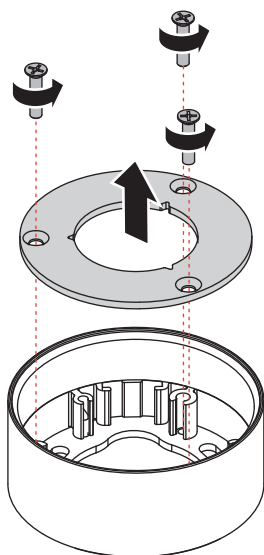




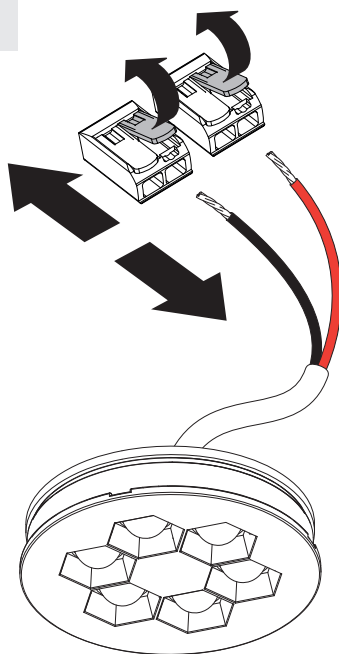
US / CANADA ONLY



1 ONLY FOR Ø 60 - Ø 90

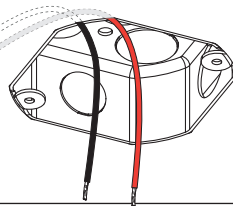
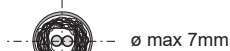


2



3

Use only CMG cable
Utilisez uniquement CMG câble
Utilice únicamente el cable CMG



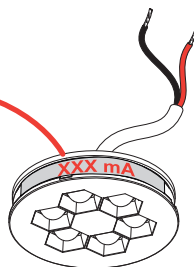
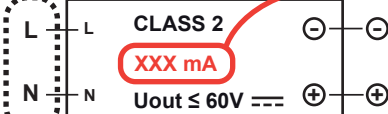
Use only with class 2 power unit
Utiliser exclusivement avec class 2 alimentation
Utilícese únicamente con unidad de alimentación de clase 2

red/rouge/rojo + CLASS 2
black/noir/negro -

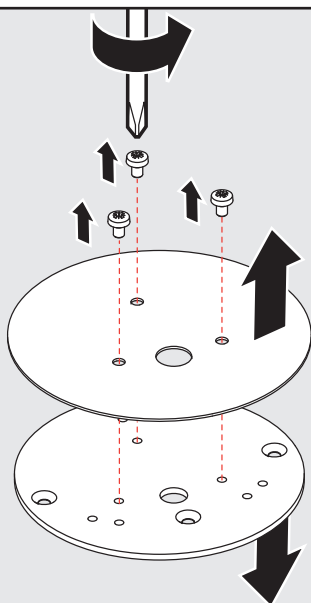


⊕ Rosso/Red/Rouge/Rojo/Rot
⊖ Nero/Black/Noir/Negro/Schwarz

3°

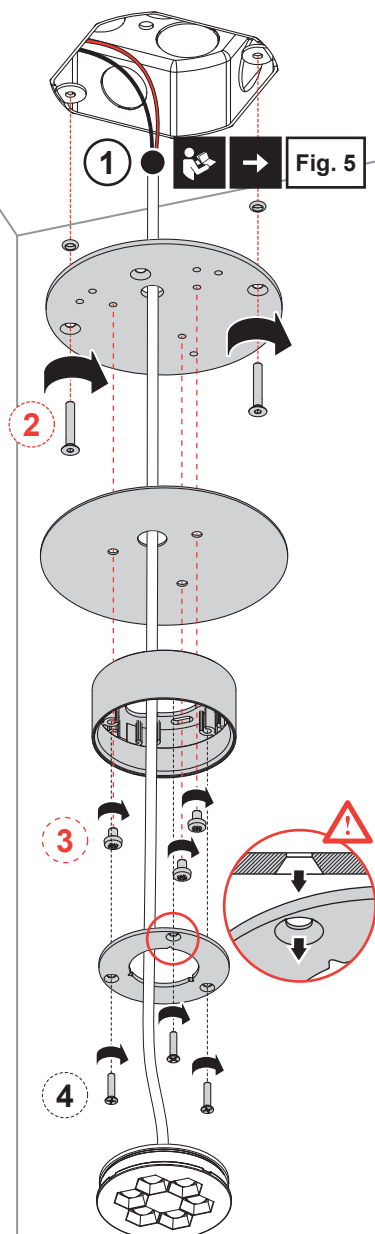


ONLY FOR Ø 60 - Ø 90

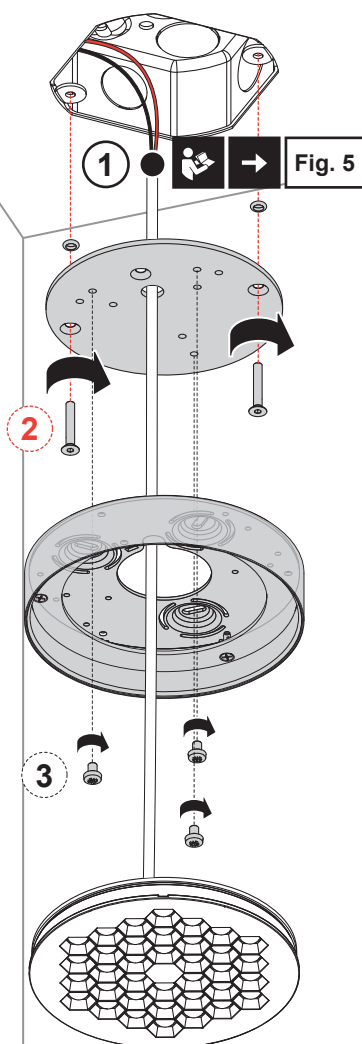


4

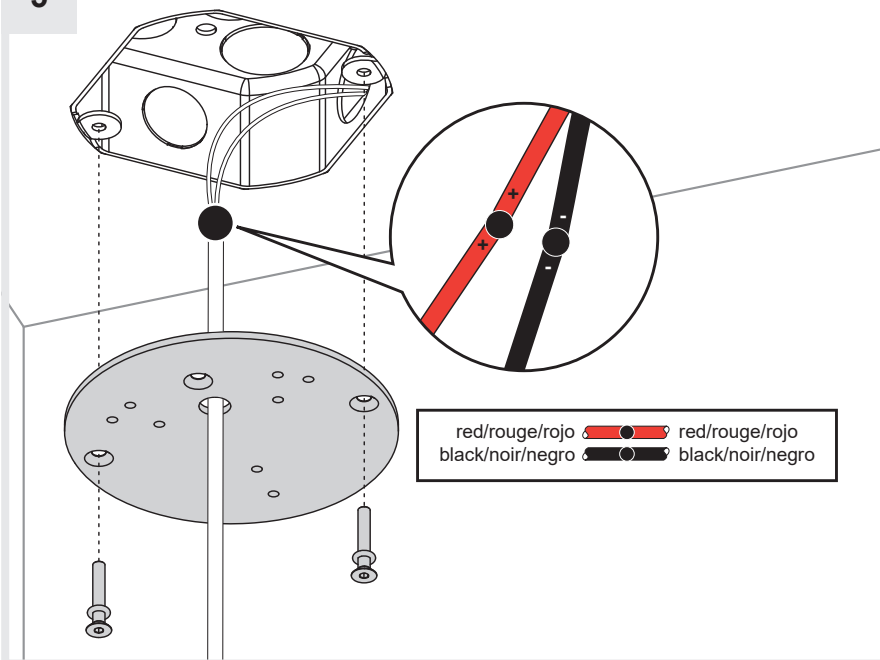
ONLY FOR Ø 60 - Ø 90



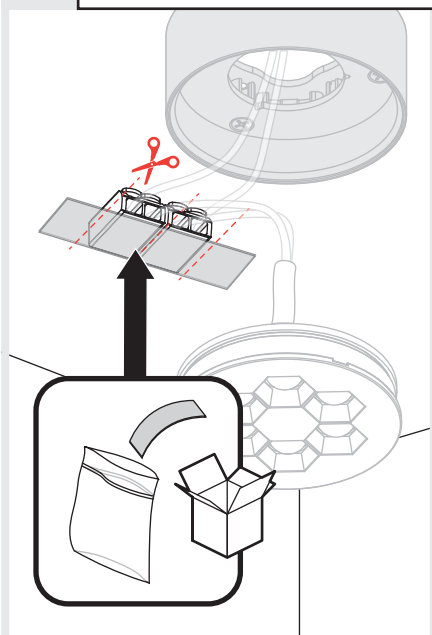
ONLY FOR Ø 120 - Ø 160



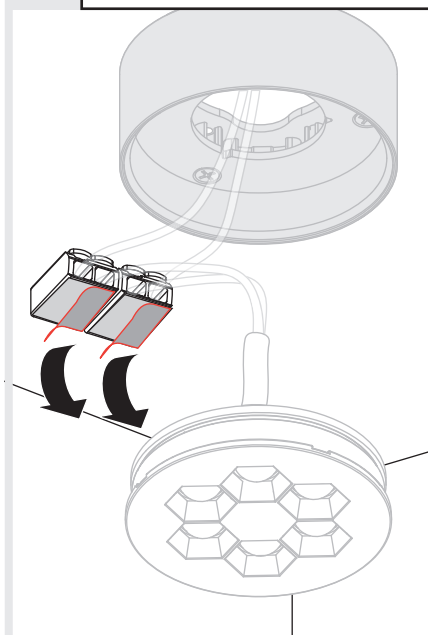
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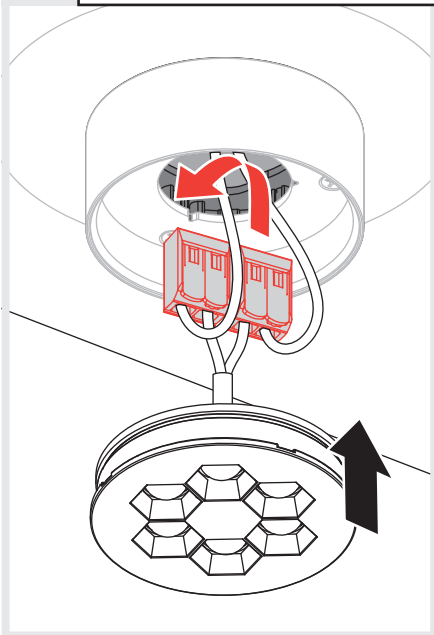
6a ONLY FOR Ø 60 - Ø 90



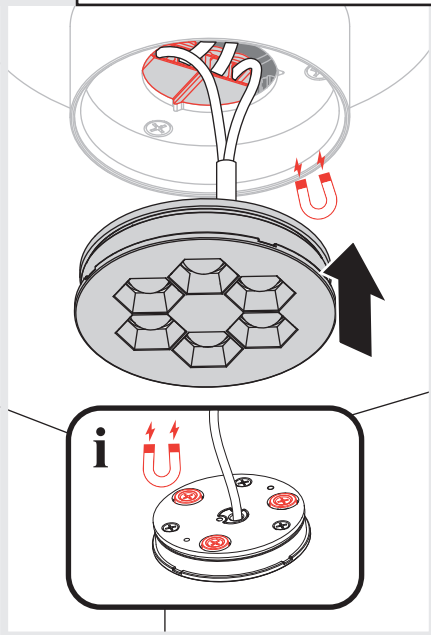
7a ONLY FOR Ø 60 - Ø 90



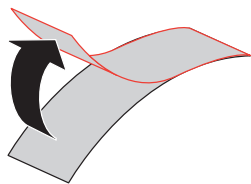
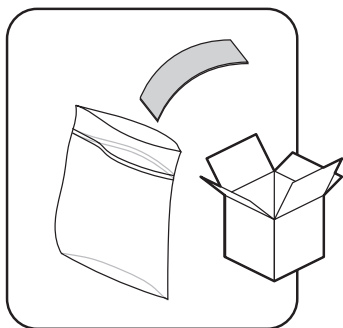
8a ONLY FOR Ø 60 - Ø 90



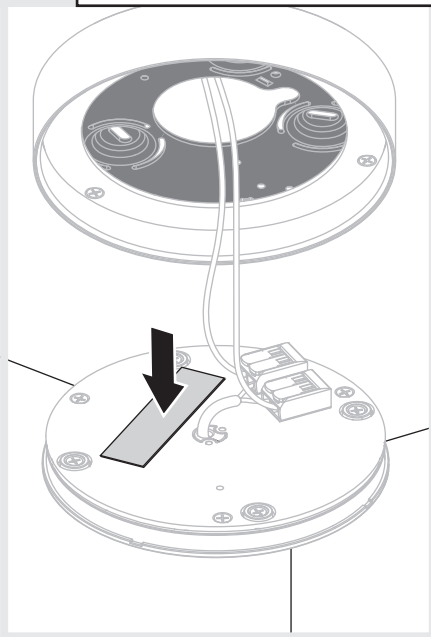
9a ONLY FOR Ø 60 - Ø 90



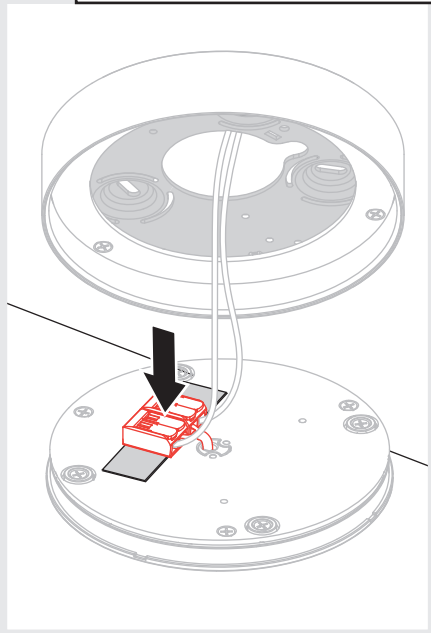
6b ONLY FOR Ø 120 - Ø 160



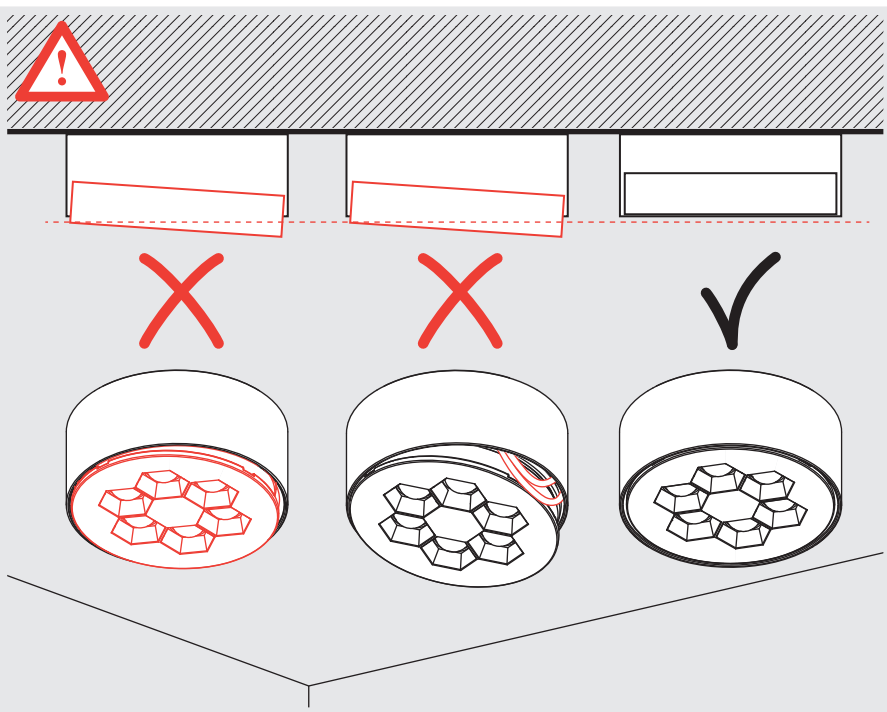
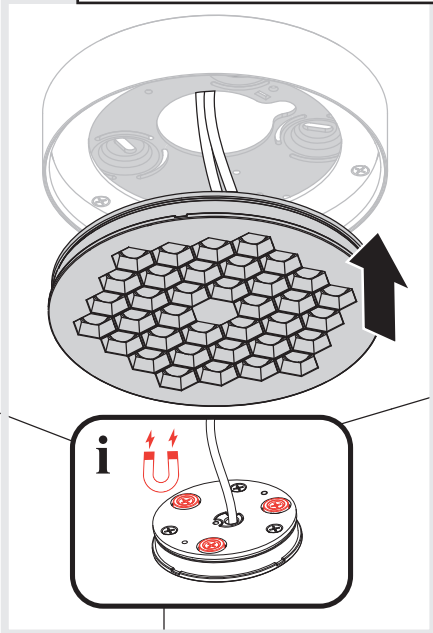
7b ONLY FOR Ø 120 - Ø 160

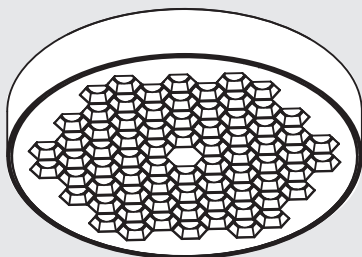
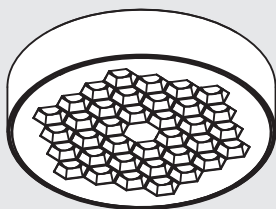
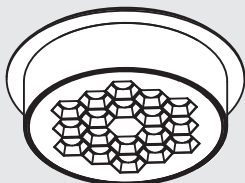
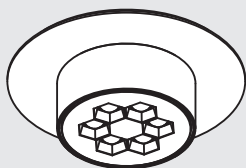


8b ONLY FOR Ø 120 - Ø 160



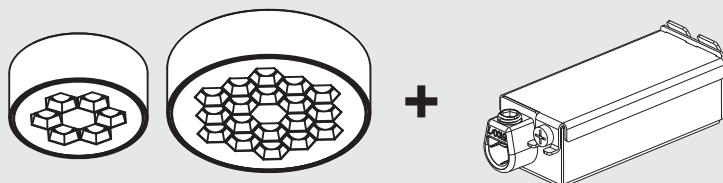
9b ONLY FOR Ø 120 - Ø 160



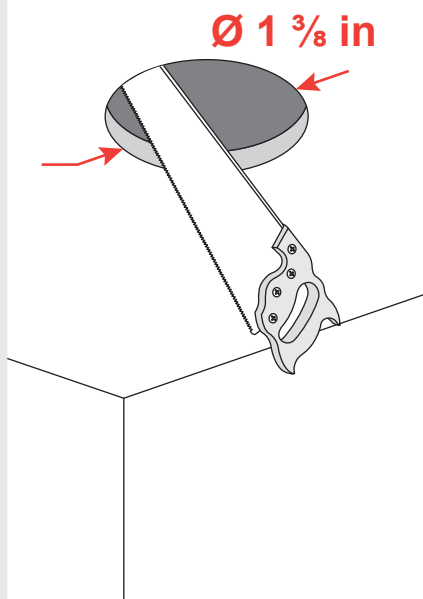


US / CANADA ONLY

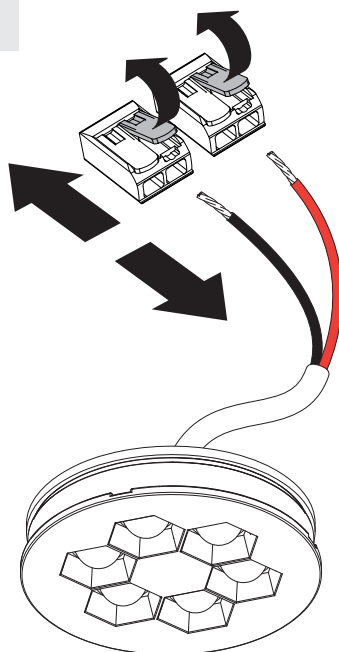
Ø 60 - Ø 90



1

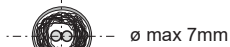


2



3

Use only CMG cable
Utilisez uniquement CMG câble
Utilice únicamente el cable CMG

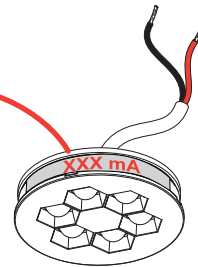
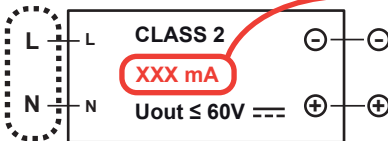


Use only with class 2 power unit
Utiliser exclusivement avec class 2 alimentation
Utilícese únicamente con unidad de alimentación de clase 2

red/rouge/rojo + CLASS 2
black/noir/negro -

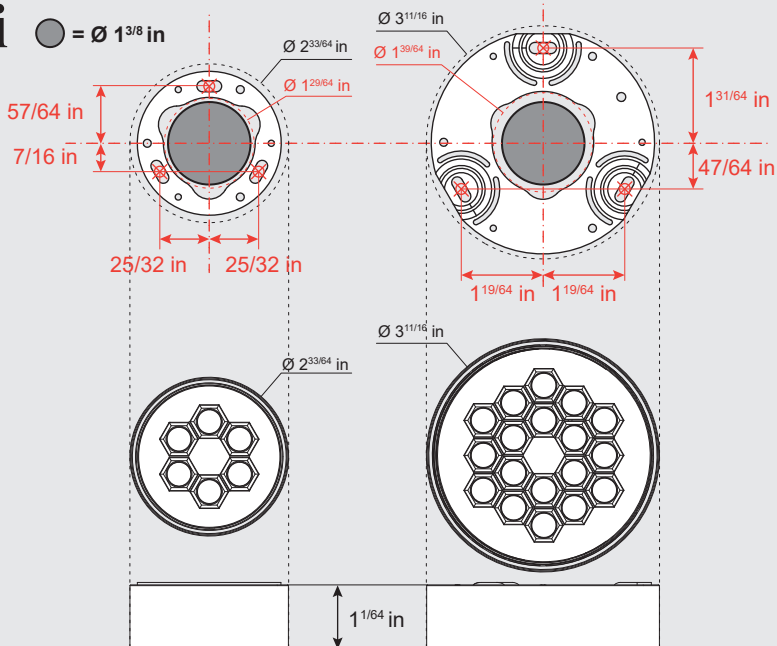


⊕ Rosso/Red/Rouge/Rojo/Rot
⊖ Nero/Black/Noir/Negro/Schwarz

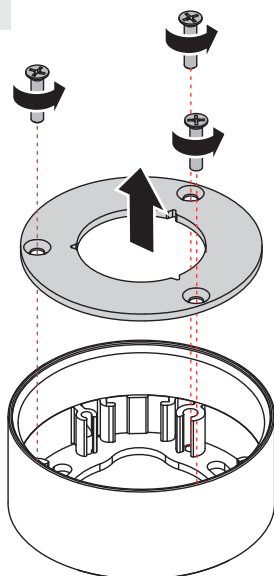


i

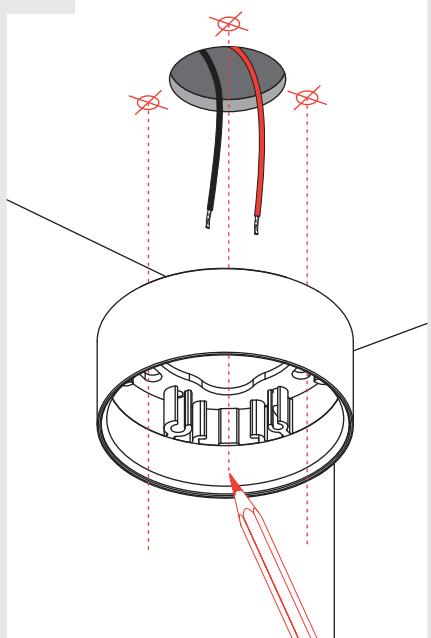
● = Ø 1³/₈ in



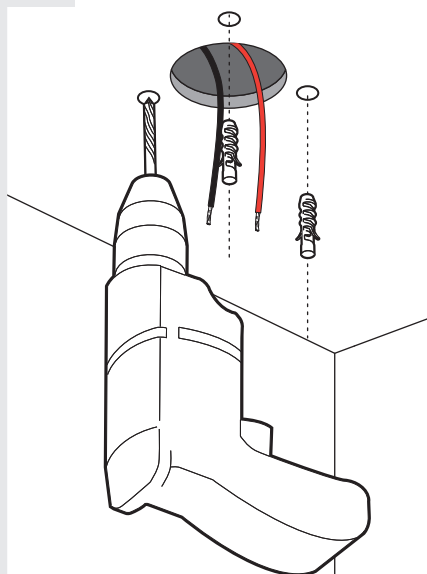
4



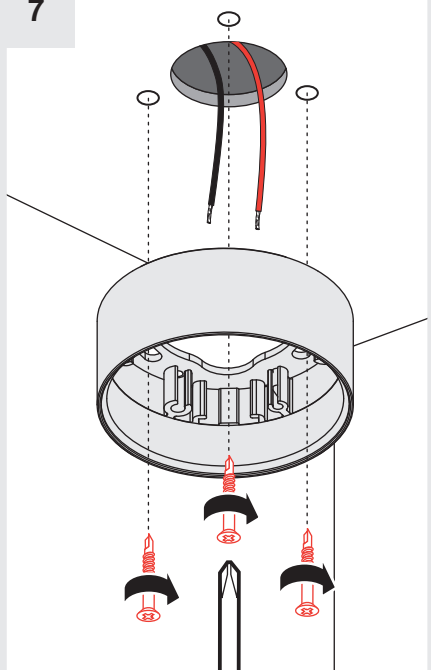
5



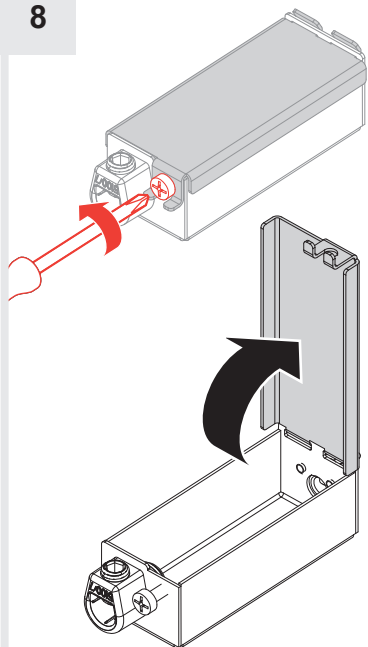
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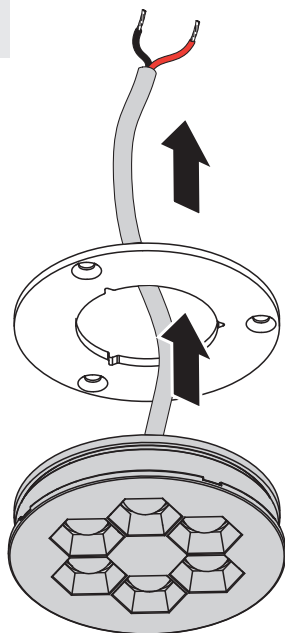
7



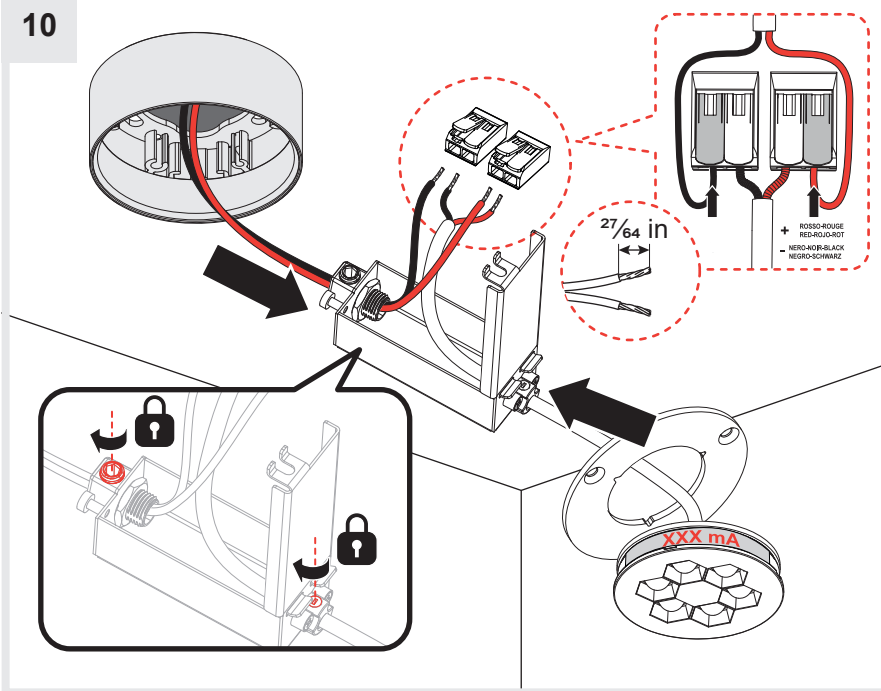
8



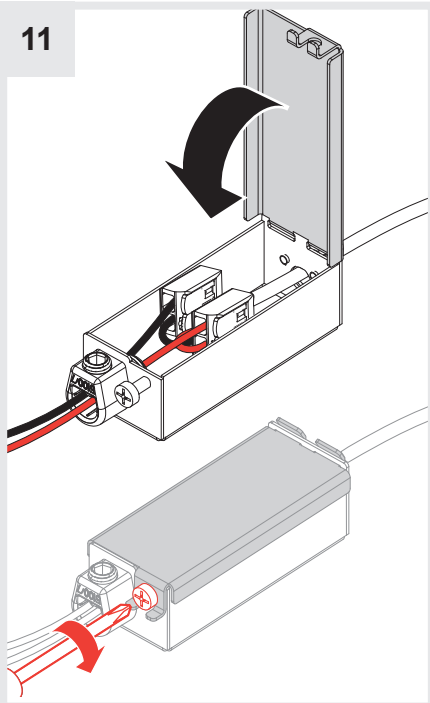
9



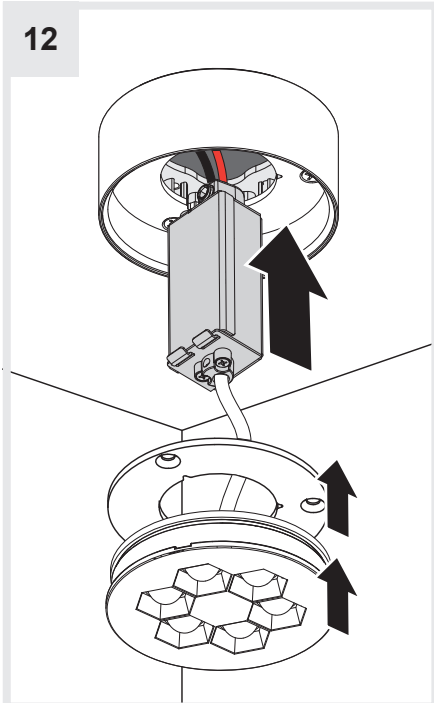
10



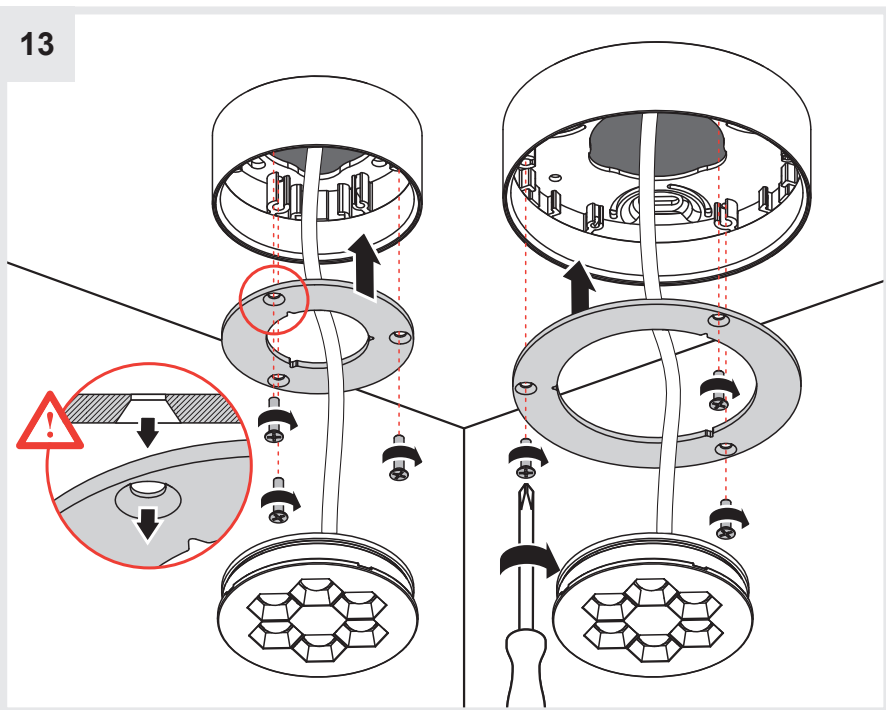
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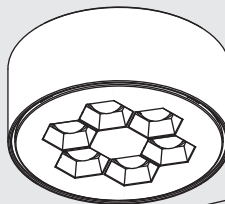
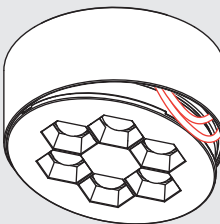
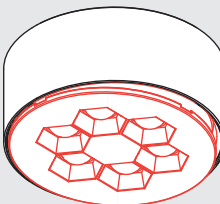
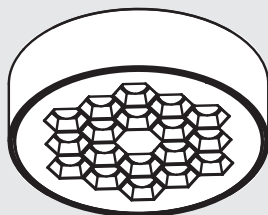
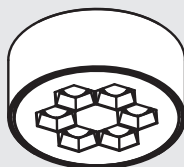
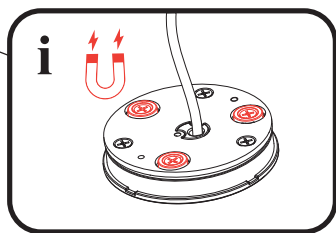
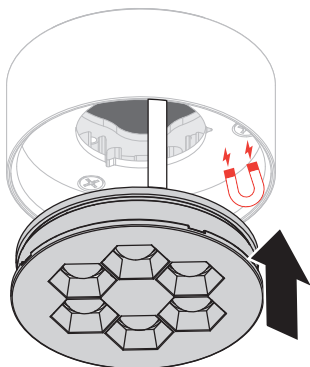
12



13

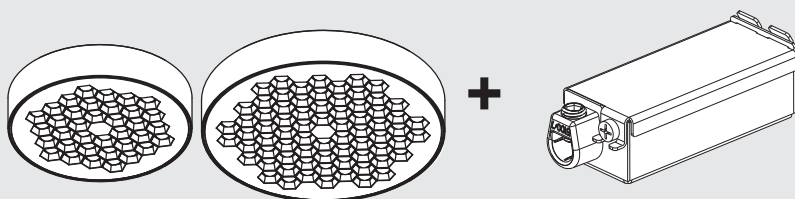


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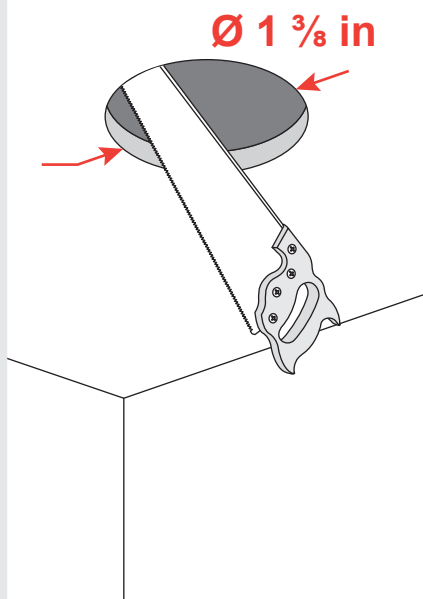


US / CANADA ONLY

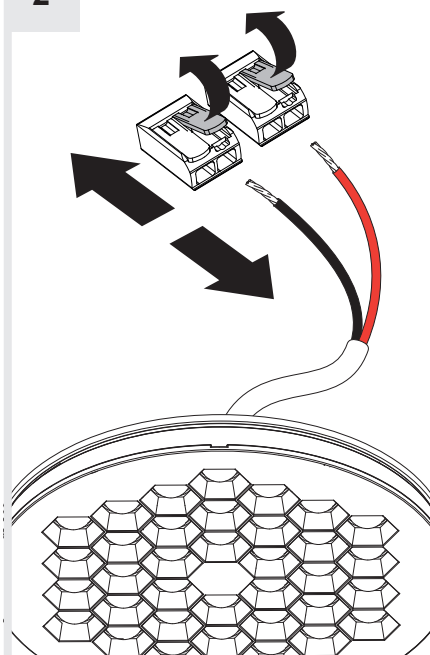
Ø 120 - Ø 160



1

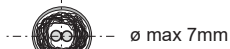


2



3

Use only CMG cable
Utilisez uniquement CMG câble
Utilice únicamente el cable CMG

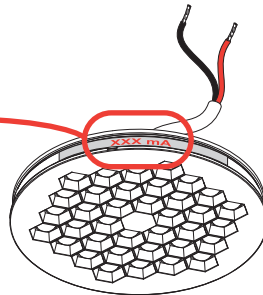
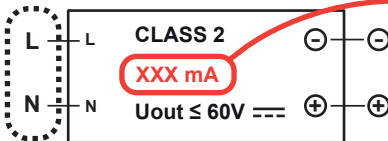


Use only with class 2 power unit
Utiliser exclusivement avec class 2 alimentation
Utilícese únicamente con unidad de alimentación de clase 2

red/rouge/rojo + CLASS 2
black/noir/negro -

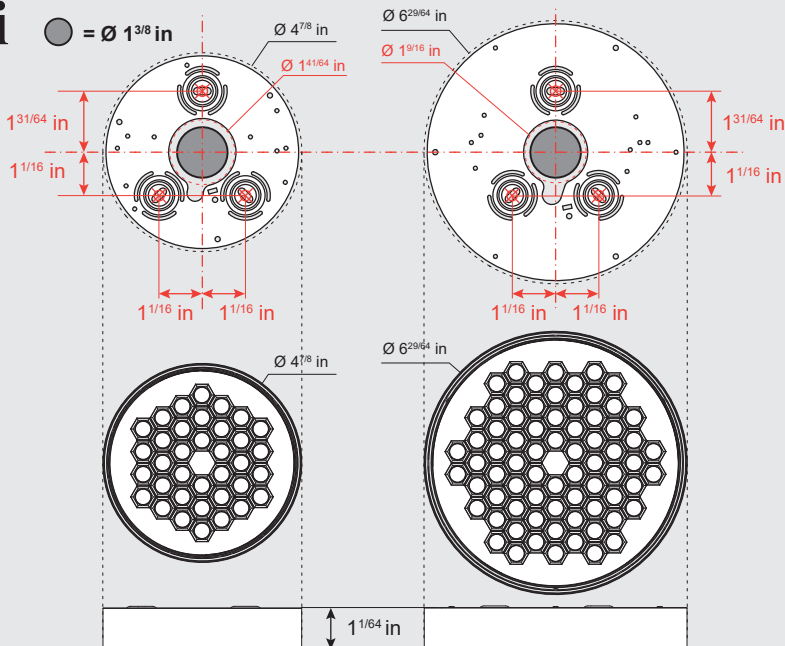


⊕ Rosso/Red/Rouge/Rojo/Rot
⊖ Nero/Black/Noir/Negro/Schwarz

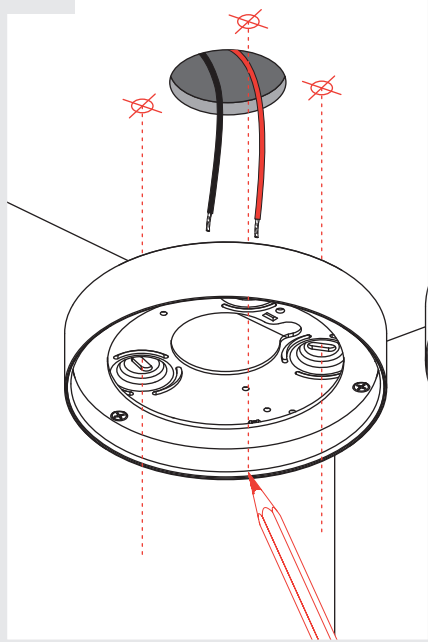


i

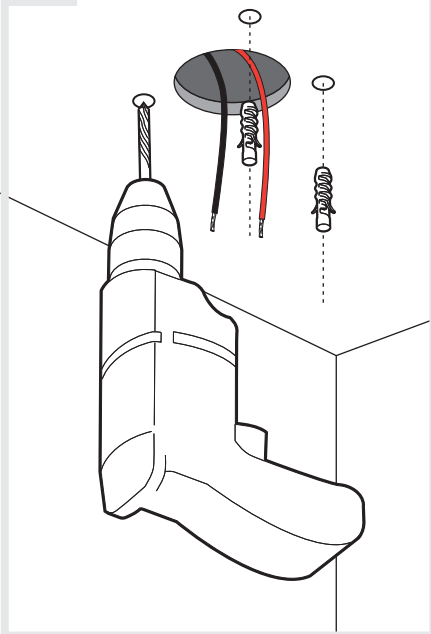
● = Ø 1³/₈ in



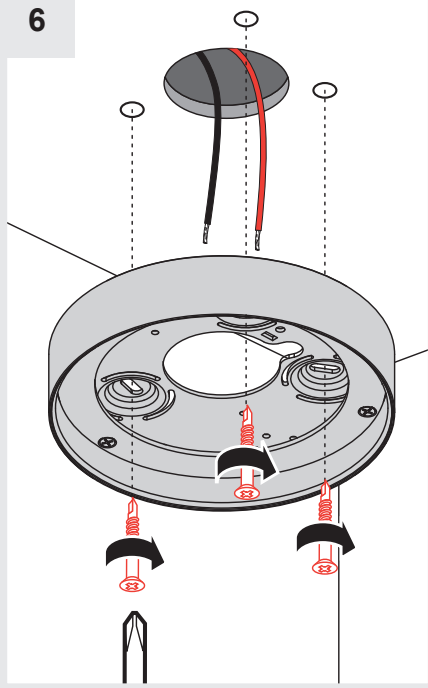
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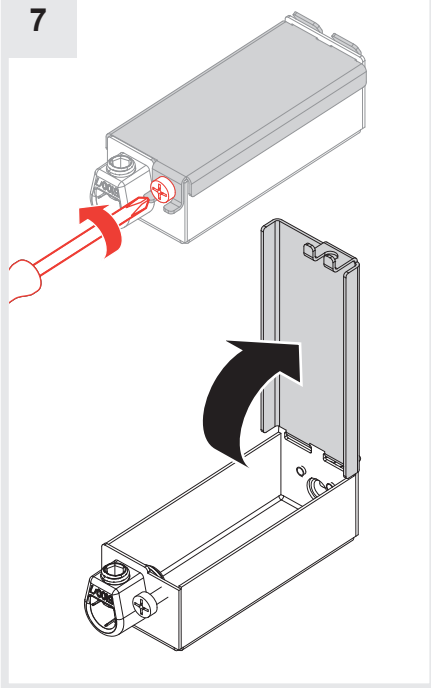
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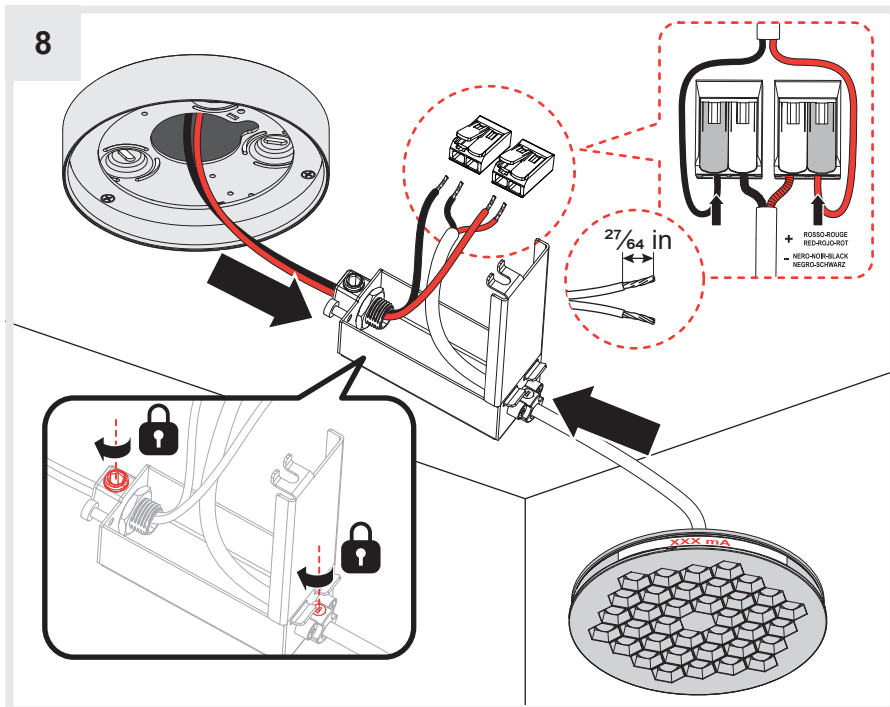
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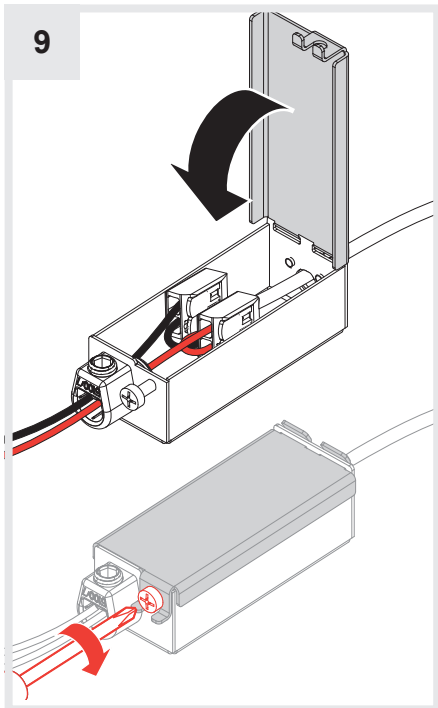
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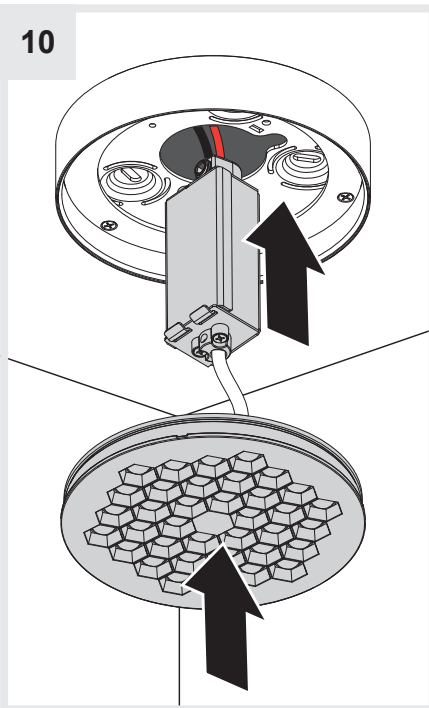
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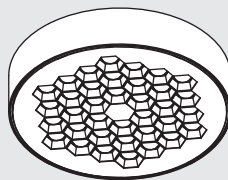
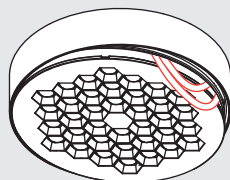
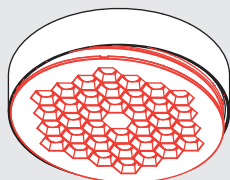
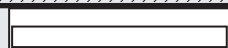
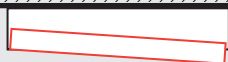
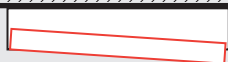
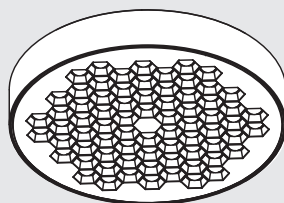
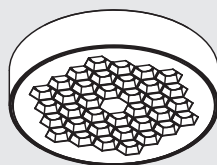
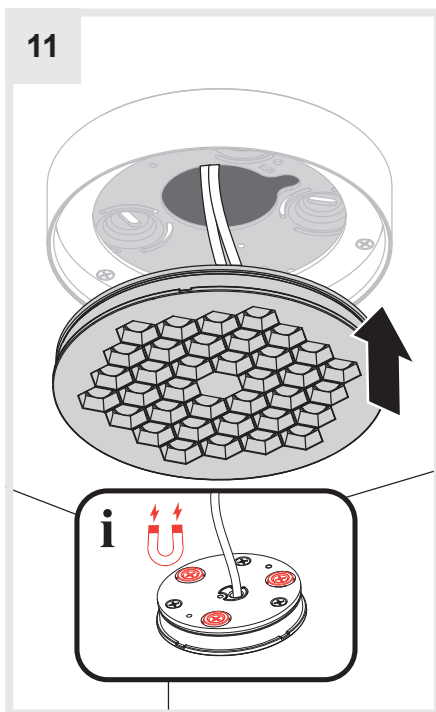
9



10

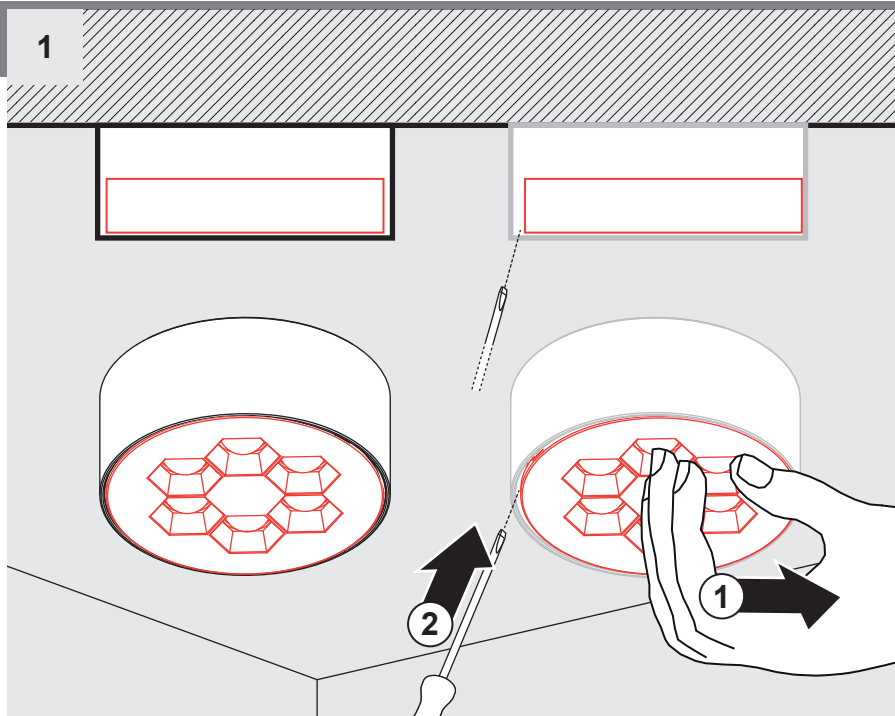


11

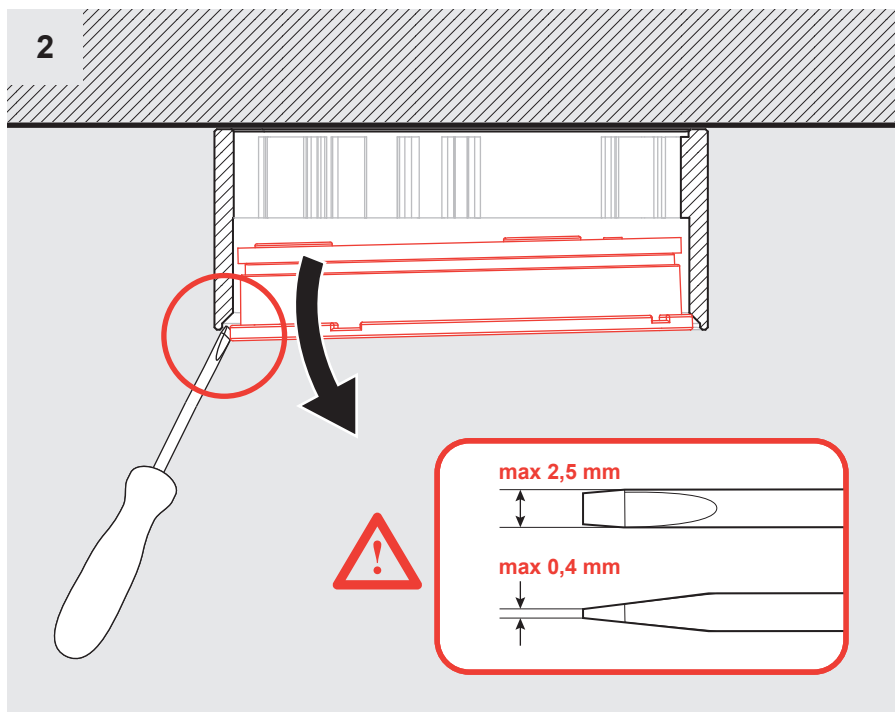




1



2



Artemide®



Artemide

via Bergamo, 18
20006 Pregnana M.se (MI)
ITALIA

tel. +39 02 935 181
fax +39 02 935 90 254
fax +39 02 935 90 496

www.artemide.com

VAT IT00846890150

Artemide Inc.

250 Karin Lane
Hicksville, NY 11801

tel. 631 694 9292
Toll Free 1-877-Art-9111
Fax 631 694 9275

www.artemide.net

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