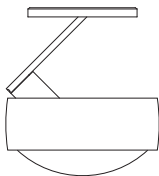


Occhio

Più alto 3d pro Più R alto 3d pro

Montageanleitung
Mounting instructions



up
flat
track

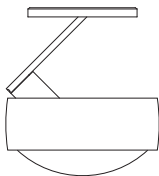
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Occhio

Più alto 3d pro Più R alto 3d pro

Montageanleitung



up
flat
track

Sicherheitshinweise

Lesen Sie die Montage-/Gebrauchsanweisung sorgfältig durch, bevor Sie die Leuchte installieren. Beachten Sie die Sicherheitshinweise in dieser Anleitung genau und bewahren Sie die Anleitung auf.



Dieses Zeichen macht Sie auf eine gefährliche Situation aufmerksam, die eine schwere Verletzung oder den Tod nach sich ziehen kann, wenn sie nicht beachtet wird. Es macht Sie zudem auf mögliche Sachschäden und andere wichtige Informationen in Verbindung mit diesem Produkt aufmerksam.



Die Montage von Elektrokomponenten darf nur von qualifiziertem Fachpersonal durchgeführt werden. Reparaturarbeiten dürfen nur von autorisiertem Fachpersonal oder dem Hersteller durchgeführt werden. Vor allen Arbeiten am Strahler (Installation, Leuchtmittelwechsel, Reinigung etc.) diesen unbedingt vom Stromnetz trennen.



Dieses Zeichen macht Sie auf Situationen aufmerksam, bei denen Sie direkt in das Licht der LED blicken könnten. Dies kann zu Nachbildern und bei längerer Dauer zu Schädigungen der Augen führen.



Sicherheitsabstand zu brennbaren Objekten einhalten: 20 cm!



Dieses Zeichen macht Sie auf heiße Oberflächen aufmerksam, deren Berührung Verbrennungen zur Folge haben können.

Achtung: Die Oberfläche des Strahlers kann nach längerer Betriebsdauer heiß sein! Vor allen Arbeiten am Strahler (Montage des Strahlers, Wechsel des Leuchtmittels, Wechsel der Inserts, usw.), Strahler immer ausschalten und mindestens 30 Minuten abkühlen lassen. Nur zur Installation außerhalb des Handbereichs vorgesehen.

Produktbeschreibung

Più alto 3d

LED Wand- / Deckenstrahler mit einseitigem Lichtaustritt. Wahlweise mit Linsenoptik oder flachem cone Glas mit innenliegender Linse (Version R).

Frei beweglich durch Occhio 3d-Kinematik mit zwei im Winkel von 45° zueinander stehenden Drehachsen. Lichtwirkung durch optionale inserts jederzeit über einen einfachen Mechanismus veränderbar, dichroitische Farbfilter zusätzlich einsetzbar, Occhio light module mit LED wechselbar.

up-Version

Version mit integriertem Vorschaltgerät für Aufputzmontage, Anschluss an 230V~ Netzspannung. Dimmbar via Phasenabschnittdimmer*.

flat-Version

Version mit flachem Fuß für Montage auf Hohlraum- oder Unterputzdose mit externem Vorschaltgerät, Anschluss an Stromquelle (Treiber). Dimmbar bauseits über dimmbares Vorschaltgerät.

track-Version

Version für 3-Phasen Erco-, Zumtobel- oder Eutrac-Stromschiene, Anschluss an 230 V AC / 50 Hz Netzspannung. Optional als DALI-Version erhältlich (nur kompatibel mit der Onetrack Stromschiene von Eutrac oder Stucchi).

* Liste kompatibler Dimmer:
www.occhio.com/dim

Montage
head

Aufbau Più alto 3d head

Più

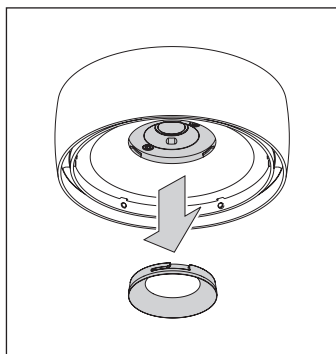
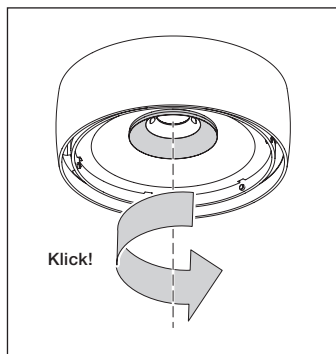
	C 80	S 100	S 80	S 60	S 40	S 30
						
kleine Linse flach						
kleine Linse medium						
satiniertes Glas						
soft edge Glas						
Fresnel Linse						
Farbfilter (optional)						
Linse						
						
	80°, contour	100°, soft	80°, soft	60°, soft	40°, soft	30°, soft



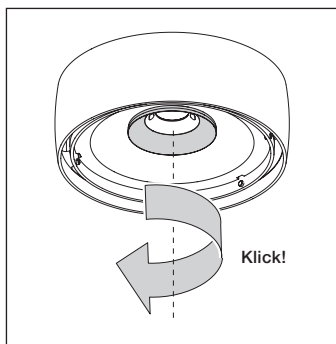
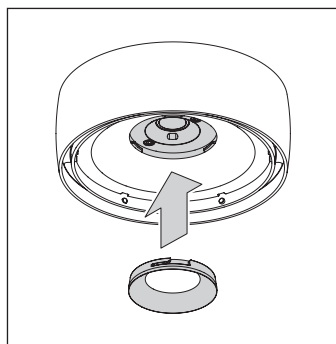
Più R

	B	C 100	C 80	S 100	S 80	S 60	S 40	S 30
								
kleine Linse flach								
kleine Linse medium								
kleine Linse hoch								
satiniertes Glas								
soft edge Glas								
Fresnel Linse								
Farbfilter (optional)								
cone Glas								
								
	diffus	100°, contour	80°, contour	100°, soft	80°, soft	60°, soft	40°, soft	30°, soft

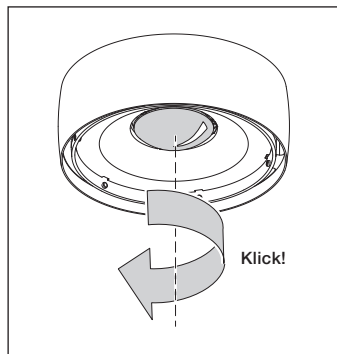
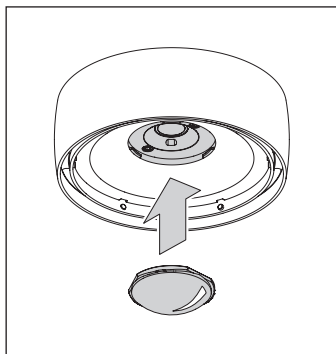
cone Ring entfernen
(vor Montage der kleinen Linse)



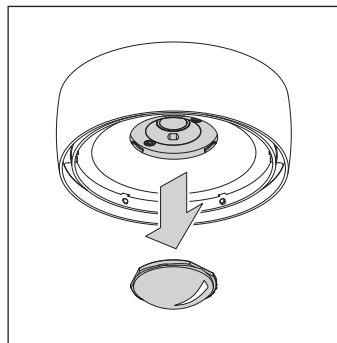
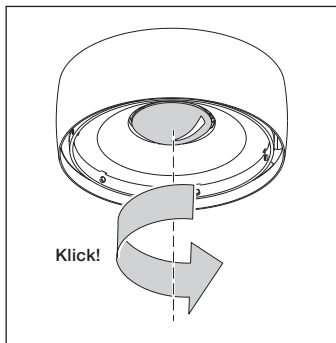
cone Ring einsetzen
(nach Entnahme der kleinen Linse)



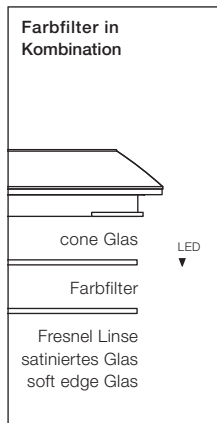
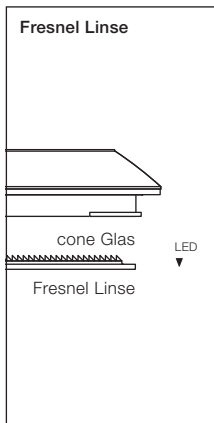
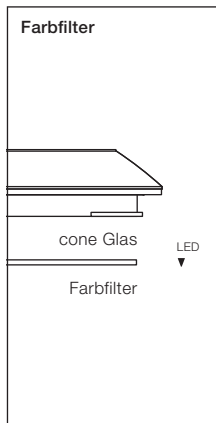
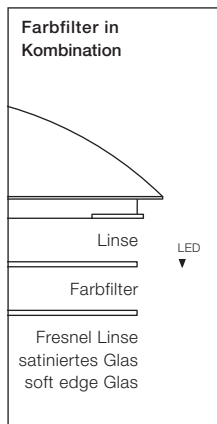
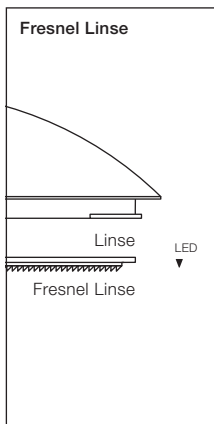
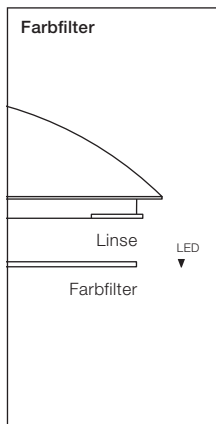
Montage kleine Linse



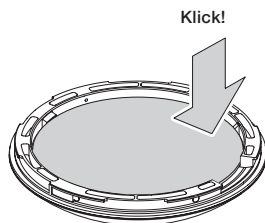
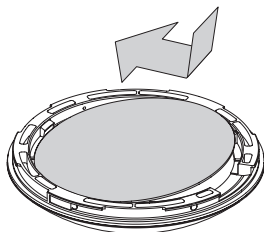
kleine Linse entnehmen



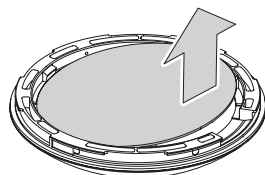
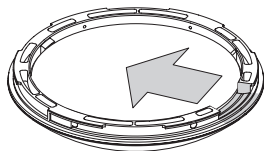
Kombinationen der Inserts



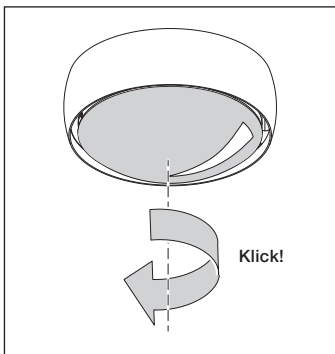
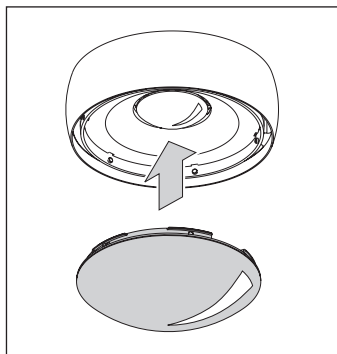
Montage Inserts (alle Versionen)



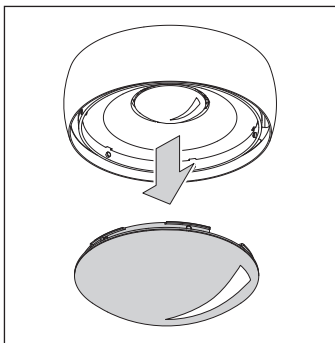
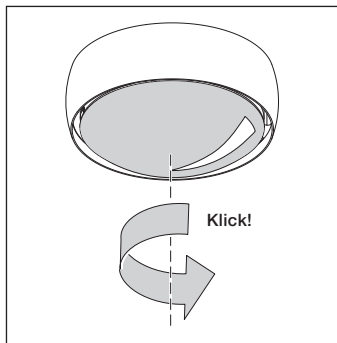
Inserts entnehmen



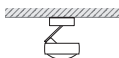
Montage Linse / cone Glas (alle Versionen)



Linse / cone Glas entnehmen



Installation



Più alto 3d up

21

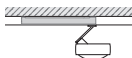
Für feste Wand/Decke Vorschaltgerät integriert.



Più alto 3d flat

29

Für Hohlraum-/Einputzdose Vorschaltgerät extern.



Più alto 3d track

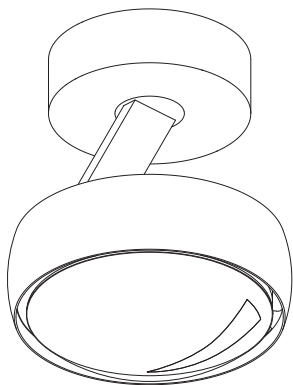
37

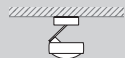
Version für 3-Phasen Stromschienen von Eutrac, Erco und Zumtobel (DALI-Version nur kompatibel mit der Onetrack Stromschiene von Eutrac oder Stucchi)

Installation Più alto 3d up

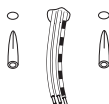
Für feste Wand / Decke
Vorschaltgerät integriert.

Installation Più alto 3d up





230 V AC
Netzanschlussleitung



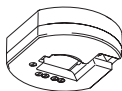
Montageplatte up



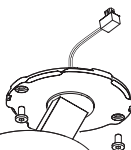
Schrauben



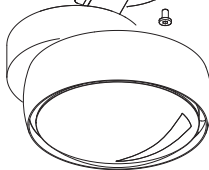
Occhio Treiber



Inbusschrauben



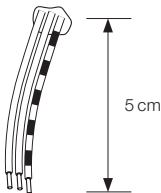
cover



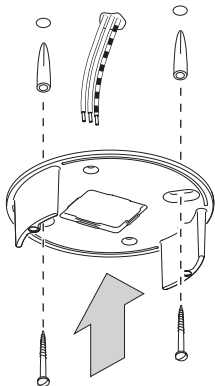
head

Installation Più alto 3d up

230 V AC
Netzanschlussleitung

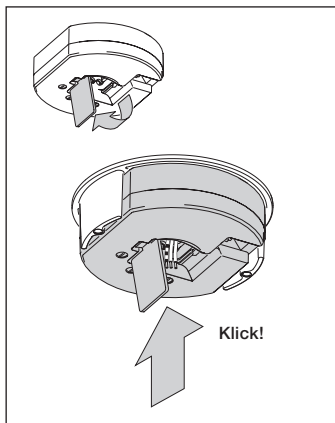
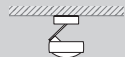


Länge des Netzkabels auf 5 cm ablängen und an den Enden abisolieren.



Montageplatte über den Stromauslass an Wand / Decke setzen und so drehen, dass die Langlöcher die gewünschte Ausrichtung haben. Positionen der Bohrlöcher anzeichnen.

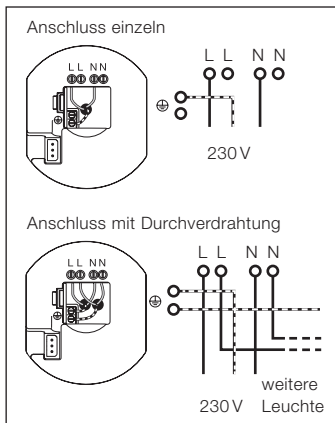
Zwei Löcher $\varnothing 6$ mm bohren, Dübel bündig einsetzen und Montageplatte anschrauben (Schrauben und Dübel sind im Lieferumfang enthalten). Darauf achten, dass die Schrauben bündig mit der Montageplatte abschließen.



Klappe in der Mitte des Treibers mit Hilfe eines Schraubendrehers öffnen.

Treiber so in die Montageplatte einsetzen, dass er hörbar einrastet.

Dabei die Enden der Netzleitung durch die Öffnung des Treibers führen.



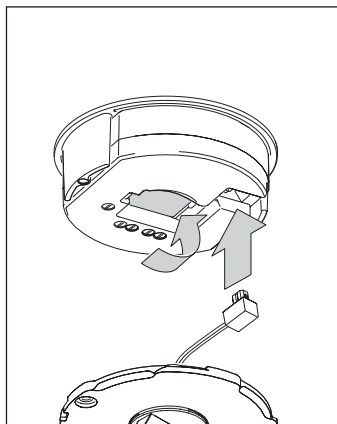
Kabelenden der Netzleitung nach Schema an die Klemmen des Treibers anschließen.

Schraubverbindung dabei nicht übermäßig belasten.

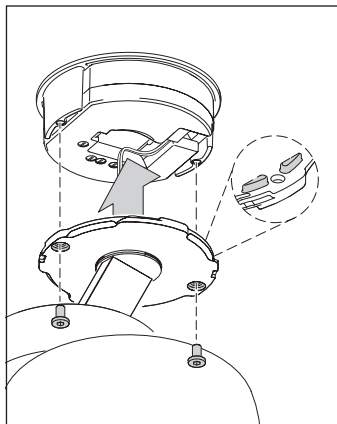


Achtung!
Vor der Montage alle stromführenden Leitungen vom Stromnetz trennen und auf den Verlauf von Stromleitungen achten!

Installation Più alto 3d up



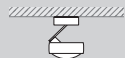
Klappe des Treibers schließen und Stecker des Leuchtenkörpers in die Buchse des Treibers stecken.



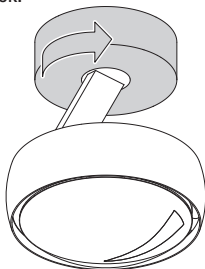
Kabel in die Aussparung des Treibers legen – nicht einklemmen!

Leuchtenkörper mit mitgelieferten Schrauben (Inbus) auf die Montageplatte schrauben.

Dabei darauf achten, dass die Rastnasen des Leuchtenkörpers (siehe Detail) bündig auf den Abstandshaltern aufliegen.



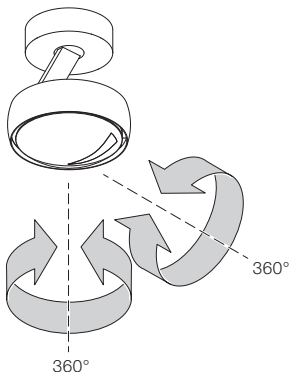
Klick!



Cover vorsichtig über den Leuchtenarm führen und durch Rechtsdrehung arretieren.

Schutzfolie vom cover entfernen.

Der Strahler ist nun fertig montiert.



Mit dem Occhio 3d Gelenk lässt sich der Strahler in beliebige Richtung bewegen.

Beide Gelenke verfügen über einen Anschlag.

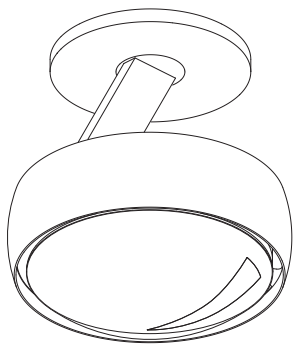


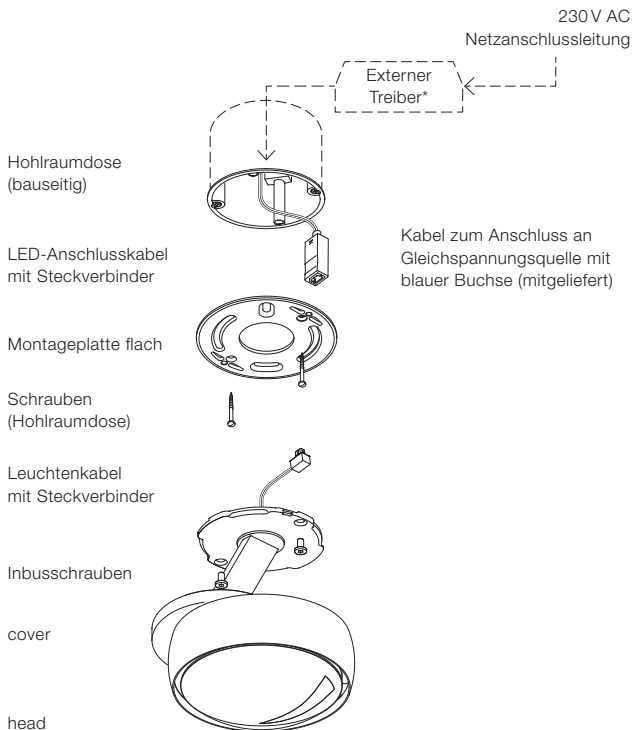
Achtung!
Die Oberfläche des Strahlers kann im Dauerbetrieb heiß werden.

Installation Più alto 3d flat

Für Hohlraum-/Einputzdose
Vorschaltgerät extern.

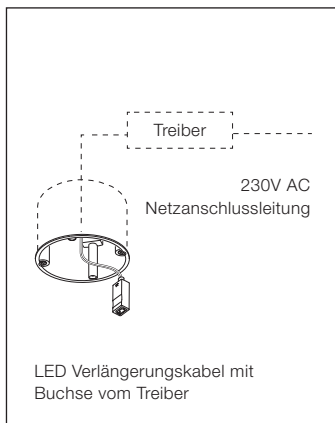
Installation Più alto 3d flat





* externer Treiber (Gleichstromquelle):
max. 700 mA / > 36 V DC

Installation Più alto 3d flat



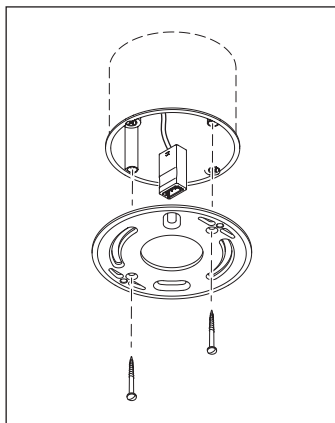
Treiber anschließen (siehe Beiblatt zum Treiber): Treiber nach Schema an die Netzleitung anschließen.

Kabel mit LED-Buchse an den Treiber anschließen. Technische Hinweise des jeweiligen Herstellers beachten!

Buchse des LED Verlängerungskabels durch die Hohlraum-/ Einputzdose nach außen führen.

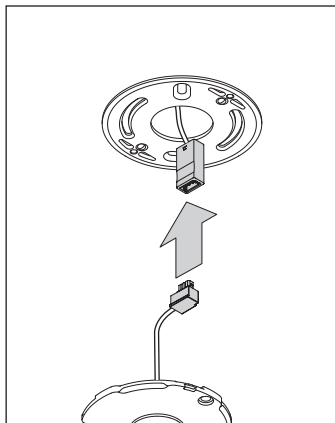


Achtung!
Vor der Montage alle stromführenden Leitungen vom Stromnetz trennen!



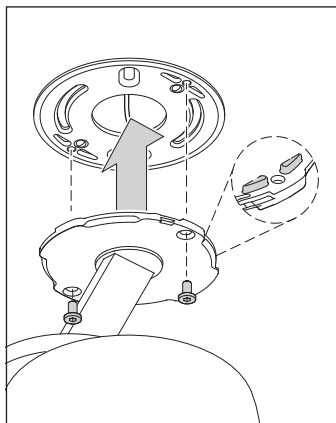
Montageplatte an die Hohlraumdose schrauben. Dabei den Steckverbinder des LED-Anschlusskabels durch die Öffnung führen.

Darauf achten, dass die Schrauben bündig mit der Montageplatte abschließen.



Steckverbinder des LED-Anschlusskabels mit dem der Leuchte verbinden.

Installation Più alto 3d flat

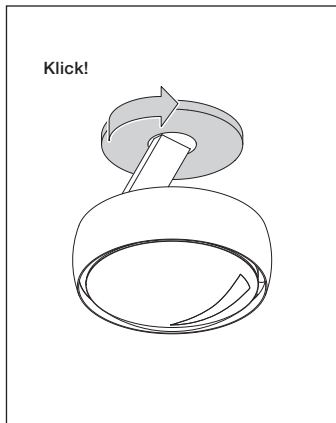


Kabel mit Steckverbindung soweit wie möglich durch das Loch in die Hohlraumdose zurückschieben.

Leuchtenkörper mit mitgelieferten Schrauben (Inbus) auf die Montageplatte schrauben.

Kabel dabei nicht einklemmen!

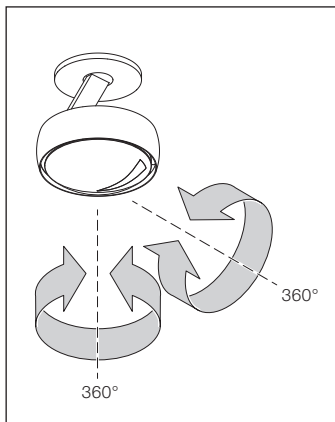
Dabei darauf achten, dass die Rastnasen des Leuchtenkörpers (siehe Detail) bündig aufliegen.



Cover vorsichtig über den Leuchtenarm führen und durch Rechtsdrehung arretieren.

Schutzfolie vom cover entfernen.

Der Strahler ist nun fertig montiert.



Mit dem Occhio 3d Gelenk lässt sich der Strahler in beliebige Richtung bewegen.

Beide Gelenke verfügen über einen Anschlag.



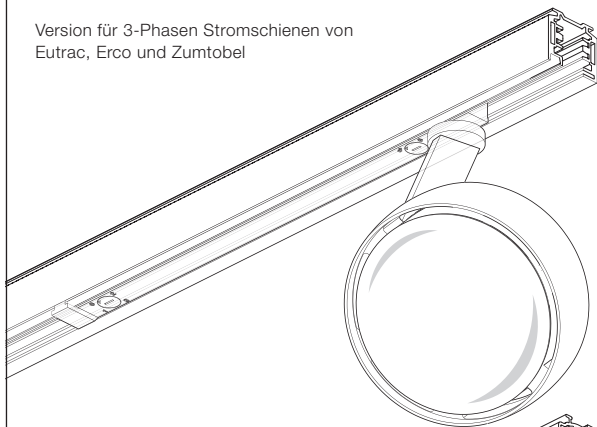
Achtung!
Die Oberfläche des Strahlers kann im Dauerbetrieb heiß werden.

Installation Più alto 3d track

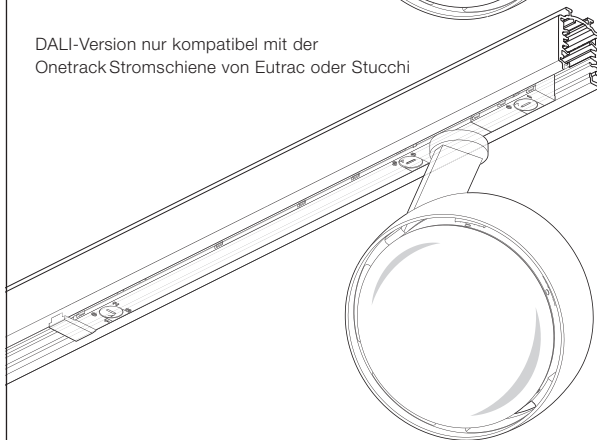
Version für 3-Phasen Strom-
schienen von Eutrac, Erco und
Zumtobel (DALI-Version nur
kompatibel mit der Onetrack
Stromschiene von Eutrac oder
Stucchi)

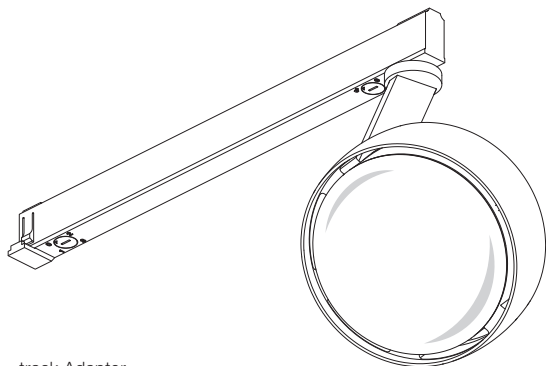
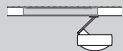
Installation Più alto 3d track

Version für 3-Phasen Stromschienen von
Eutrac, Erco und Zumtobel

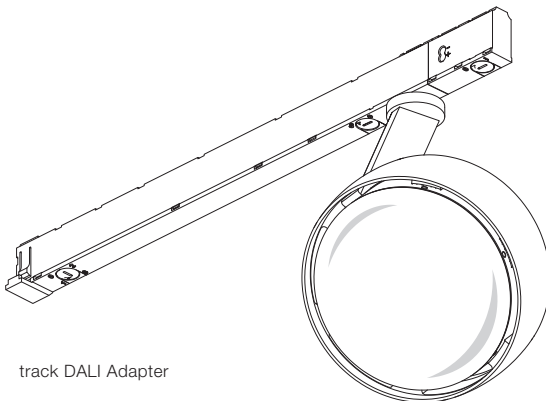


DALI-Version nur kompatibel mit der
Onetrack Stromschiene von Eutrac oder Stucchi





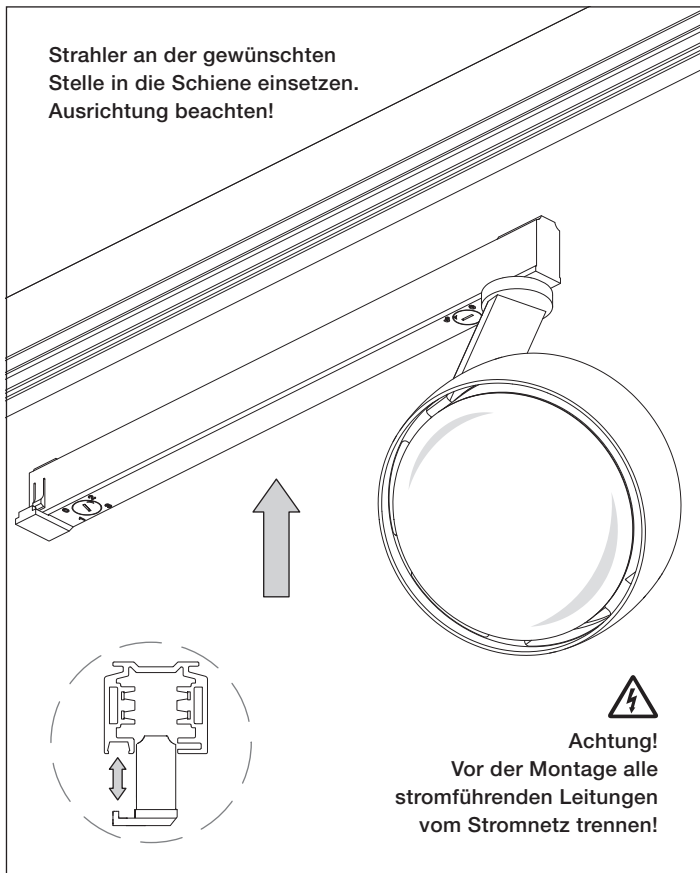
track Adapter



track DALI Adapter

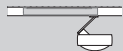
Installation Più alto 3d track

Strahler an der gewünschten Stelle in die Schiene einsetzen. Ausrichtung beachten!



Achtung!

Vor der Montage alle stromführenden Leitungen vom Stromnetz trennen!



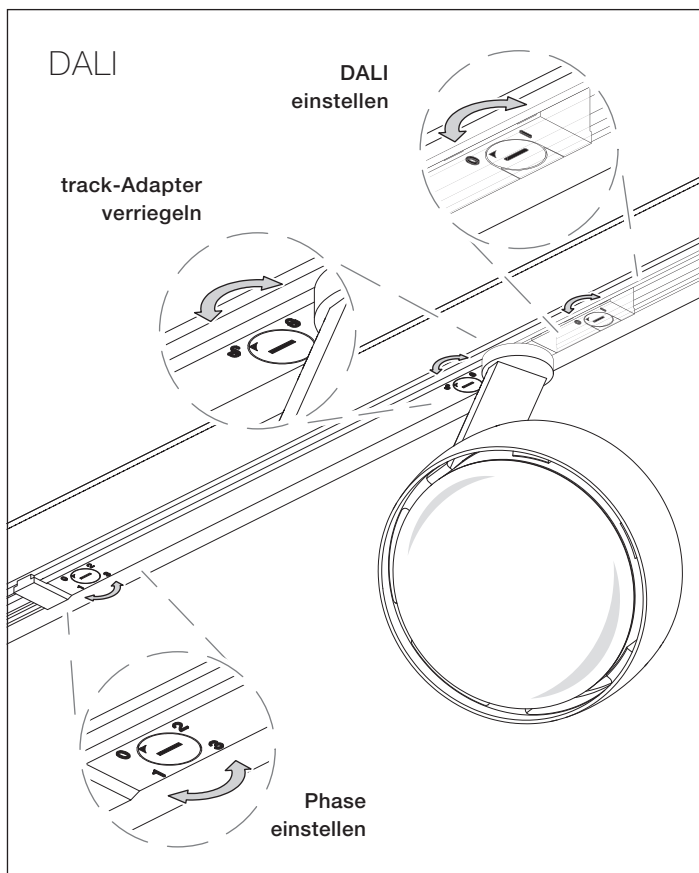
track-Adapter
verriegeln

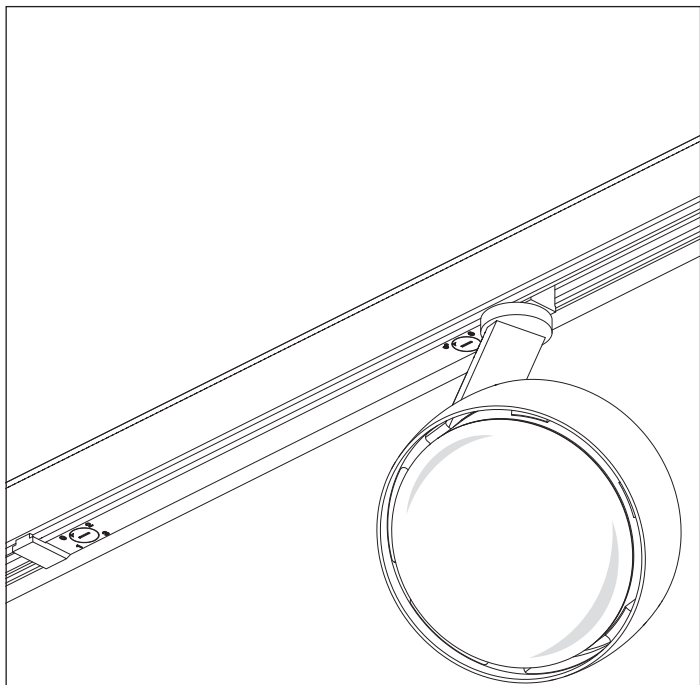


Phase
einstellen



Installation Più alto 3d track





**Die Leuchte ist nun
fertig montiert.**

Anhang

Pflegehinweise

Leuchte nur in abgekühltem Zustand reinigen!

Zur Reinigung der Leuchte ein trockenes Mikrofasertuch oder das Occhio Reinigungsmittel verwenden.

Info & Kontakt

Weitere Fragen beantwortet gerne
Ihr Occhio Fachhändler

www.occhio.com
info@occhio.com

Technische Daten

Technische Daten Leuchte

Artikelbezeichnung	Più alto 3d
head	ø 123 mm, H 42 mm
up-Version	base ø 88 mm, H 29 mm, Gesamthöhe max. 189 mm
flat-Version	base ø 88 mm, H 8 mm, Gesamthöhe max. 168 mm
track-Version	invi-track-Gehäuse: L 300 x B 14 x H 28 mm, Gesamthöhe max. 170 mm
Schutzklasse	up-Version 2, flat-Version 3, track-Version 1
Anschluss	up / track-Version: 230 V AC flat-Version: max. 700 mA konstant. / > 36 V DC
Vorschaltgerät	up / track-Version: integriert flat Version: extern
Dimmung	up-Version: via Phasenabschrittdimmer (Liste kompatibler Dimmer: www.occhio.com/dim) flat-Version: mit geeignetem Vorschaltgerät track-Version: nicht dimmbar oder DALI dimmbar
Material Leuchte	Aluminium, Stahl verchromt, lackiert oder eloxiert, Kunststoff
Material Inserts	Glas, optischer Kunststoff
LED-Leistung	26 W
Zulässige Betriebsbedingung	max. 30°C nur im Innenbereich betreiben
Prüfzeichen	IP 20     up:  flat:  track: 

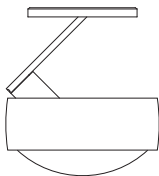
Technische Daten Leuchtmittel

Leuchtmittel	Occhio light module
Ausführung	LED-Modul (wechselbar)
Lebensdauer	> 50.000 Std.
Entsorgung	Bei örtlicher Entsorgungsstelle entsorgen. Das Leuchtmittel ist recyclebar; RoHS-konform. Nicht in den Hausmüll geben!

Occhio

Più alto 3d pro Più R alto 3d pro

Mounting instructions



up
flat
track

Safety precautions

Read through the mounting/ use instructions carefully before installing the luminaire. -Follow the safety precautions in these instructions closely and keep the instructions in a safe place.



This symbol warns you of a dangerous situation which could lead to serious injury or even death if the instructions are not observed. It also draws your attention to possible material damage and provides other important information in connection with this product.



The assembly and installation of electrical components must be carried out only by qualified personnel. Repairs must be carried out only by authorised, qualified personnel or the manufacturer. Before performing any work on the spotlight (installation, changing the light source, cleaning, etc.), it must be disconnected from the mains supply.



This symbol draws your attention to situations in which you could look directly into the light of the LED. This may cause an after-image effect and may result in damage to the eyes if you look at the light directly for prolonged periods.



Maintain the minimum safety distance from flammable materials: 20 cm.



This symbol warns you of hot surfaces, which could cause burns if touched.

Caution: When used for prolonged periods, the surface of the spotlight can become hot. Before performing any work on the spotlight (fitting the spotlight, changing the light source or insert, etc.), always switch the spotlight off and let it cool for at least 30 minutes. Only for installing in a position which is out of arm's reach.

Product description

Più alto 3d

LED wall / ceiling spotlight with singlesided light output. Optionally available with lens optics or flat cone glass with internal lens (version R).

Movable in any direction thanks to Occhio 3D kinematics with two pivots set at an angle of 45° to each other. Using a simple mechanism, the lighting effect can be changed at any time through the use of optional inserts, dichroitic color filter can be additionally inserted, Occhio light module with replaceable LED.

up-version

Version with integrated power supply unit for mounting on plaster surfaces, connection to 230 V~ mains voltage. Dimmable via trailing-edge phase-cut dimmer*

flat-version

Version with flat base for fitting on hollow ceiling or flush-mounted box with remote power supply unit, connection to external power source (driver). Dimmable via customer-supplied dimmable power supply unit.

track-version

Version for 3-phase Erco, Zumtobel or Eutrac busbar, connection to 230 volt AC / 50 Hz power supply. Optionally available as DALI version (only compatible with the Onetrack busbar from Eutrac or Stucchi).

* For a list of compatible dimmers, see www.occhio.com/dim_en

Assembling the head

Configuration Più alto 3d head

Più

C 80 S 100 S 80 S 60 S 40 S 30



small lens low



small lens
medium



satinsed glass



soft edge glass



fresnel lens



color filter
(optional)



lens



80°,
contour

100°, soft

80°, soft

60°, soft

40°, soft

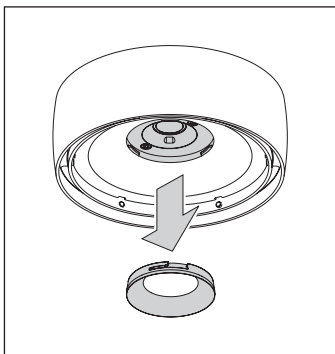
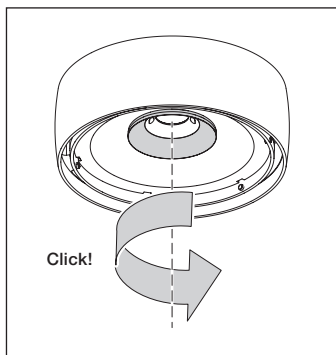
30°, soft



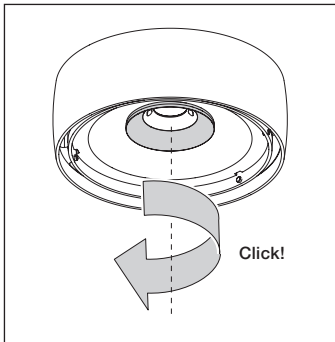
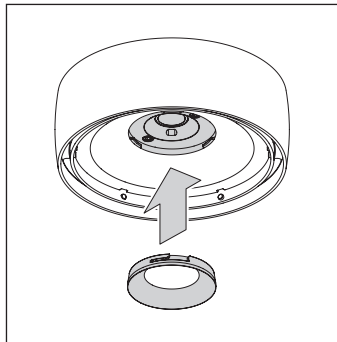
Più R

	B	C 100	C 80	S 100	S 80	S 60	S 40	S 30
small lens low								
small lens medium								
small lens high								
satinsed glass								
soft edge glass								
fresnel lens								
color filter (optional)								
cone glass								
	diffus	100°, contour	80°, contour	100°, soft	80°, soft	60°, soft	40°, soft	30°, soft

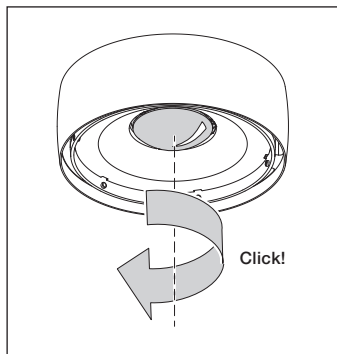
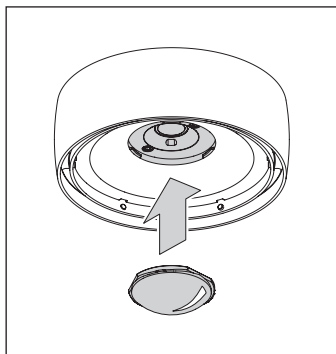
Removing the cone ring (before fitting the small lens)



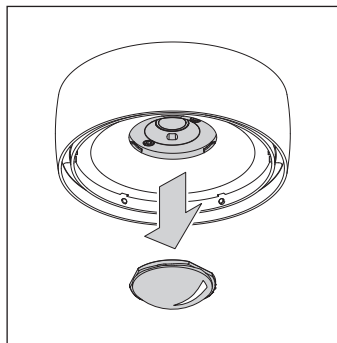
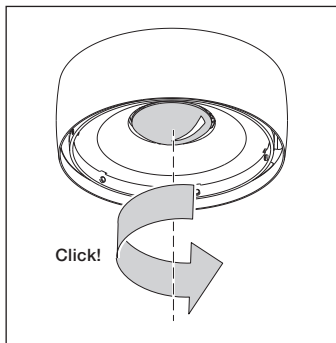
Inserting the cone ring (after removing the small lens)



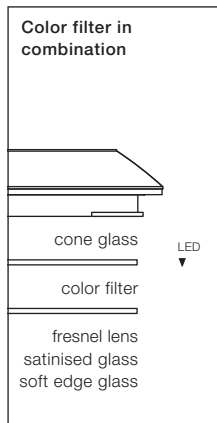
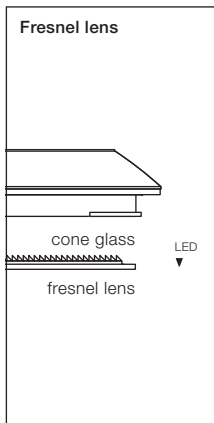
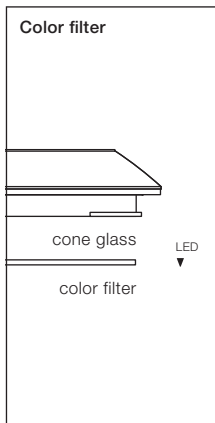
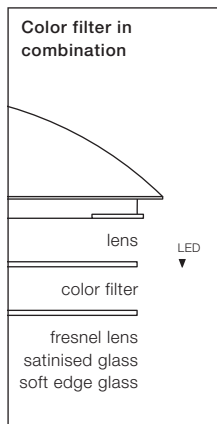
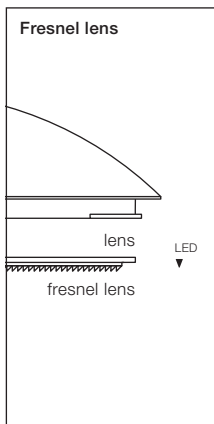
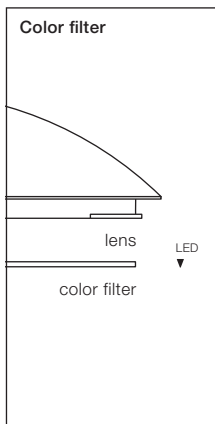
Assembling the small lens



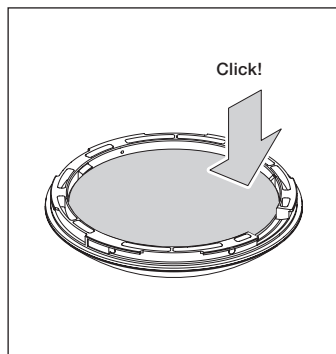
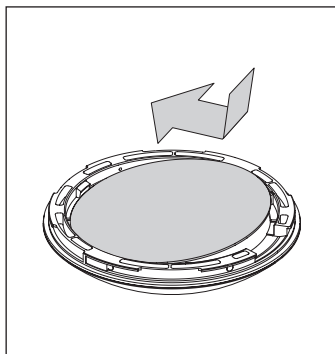
Removing the small lens



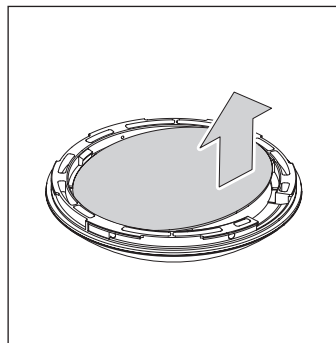
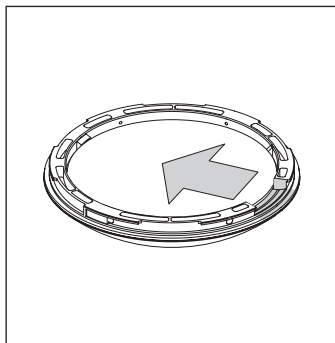
Insert combinations



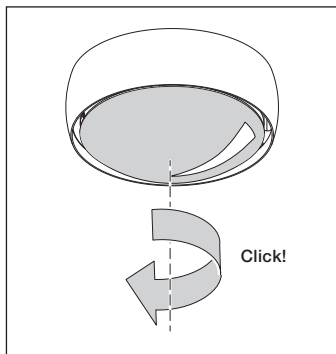
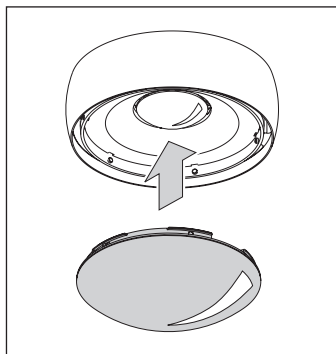
Fitting the inserts (all versions)



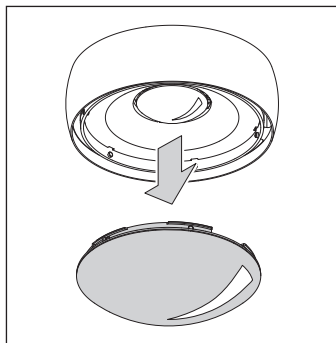
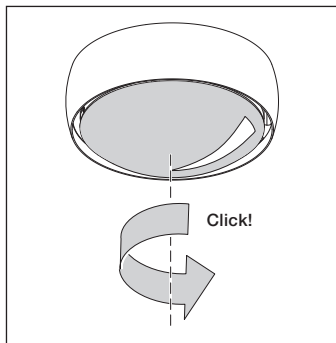
Removing the inserts



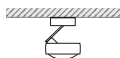
Fitting the lens / cone glass (all versions)



Removing the lens / cone glass



Installation



Più alto 3d up

69

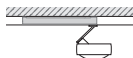
For solid wall / ceiling power supply unit integrated.



Più alto 3d flat

77

For hollow ceiling/plastering box power supply unit external.



Più alto 3d track

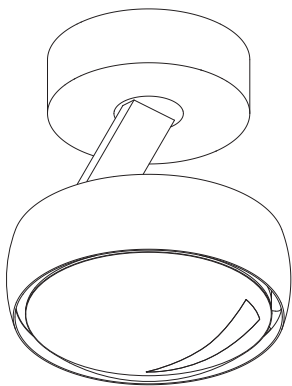
85

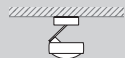
version for three-phase power rails from Eutrac, ERCO and Zumtobel (DALI version is only compatible with Onetrack busbar from Eutrac or Stucchi)

Installation Più alto 3d up

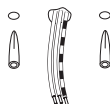
For solid wall / ceiling
power supply unit integrated.

Installation Più alto 3d up

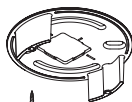




230 V AC
mains cable



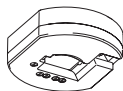
Mounting plate up



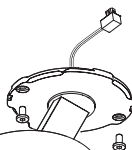
Screws



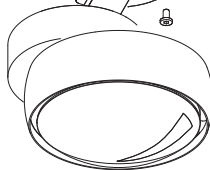
Occhio driver



Allen screws



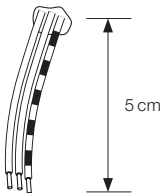
cover



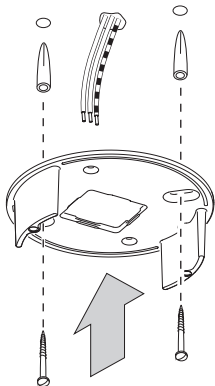
head

Installation Più alto 3d up

230 V AC
mains cable

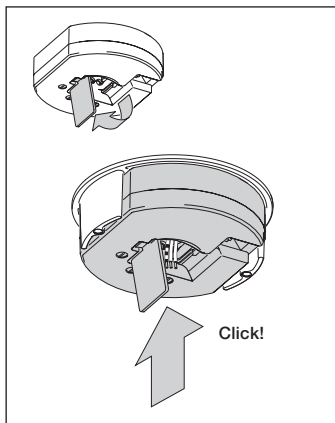
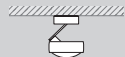


Cut the mains cable to a length of 5 cm and strip the insulation from the ends.



Place the mounting plate over the power outlet and against the wall/ceiling, and turn it until the elongated holes are aligned as required. Mark the positions where the holes are to be drilled.

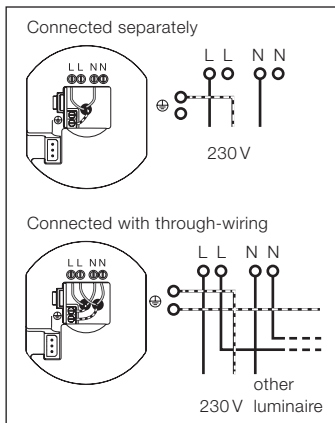
Drill two 6 mm diameter holes, push in the rawlplugs so that they lie flush and screw on the mounting plate (screws and rawlplugs are included in the scope of delivery). Ensure that the screws finish flush with the mounting plate.



Using a screwdriver, open the flap in the middle of the driver.

Lock the driver into the mounting plate so that it is fitted flush.

At the same time, guide the ends of the mains cable through the driver opening.



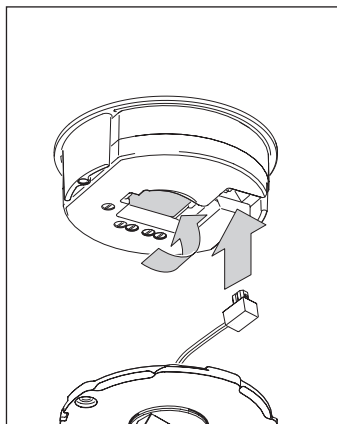
Connect the ends of the mains cable to the driver terminals in accordance with the diagram.



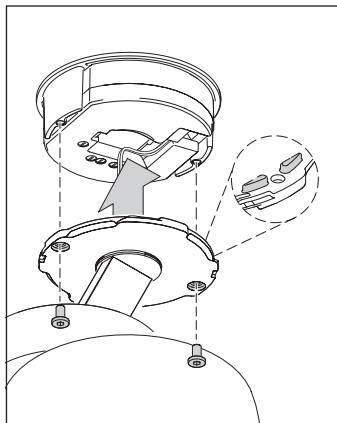
Caution!

Before fitting, disconnect all current-carrying lines from the mains supply and check the routing of the power cables!

Installation Più alto 3d up



Close the flap of the driver and insert the plug of the luminaire body into the socket of the driver.



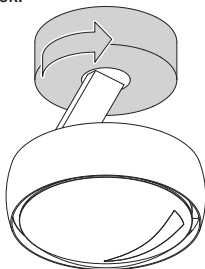
Lay the cable in the recess of the driver. Do not trap the cable.

Screw the luminaire body onto the mounting plate using the screws (Allen) provided.

When doing so, ensure that the snap tabs on the luminaire body (see detail) rest flush on the spacers.



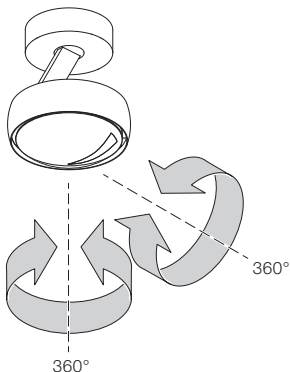
Click!



Carefully guide the cover over the luminaire stem and lock in place by turning it to the right.

Remove the protective film from the cover.

The spotlight is now fully assembled.



Thanks to the Occhio 3d joint, the spotlight can be moved in any direction.

Both joints have a stop.



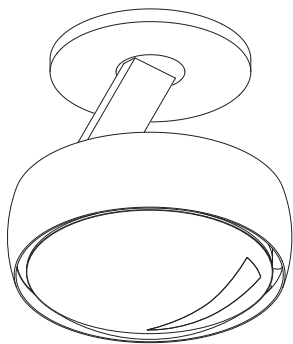
Caution!
When used in continuous operation, the surface of the spotlight can become hot.

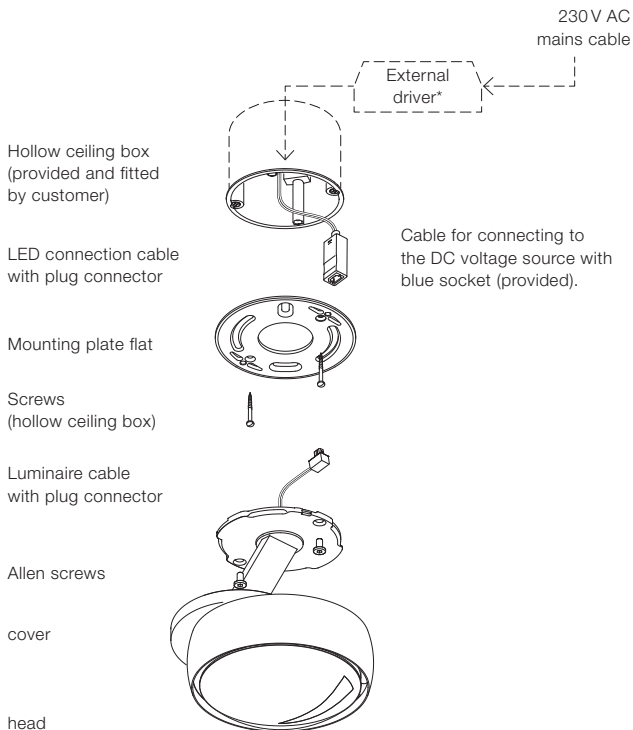
Installation

Più alto 3d flat

For hollow ceiling/plastering box
power supply unit external.

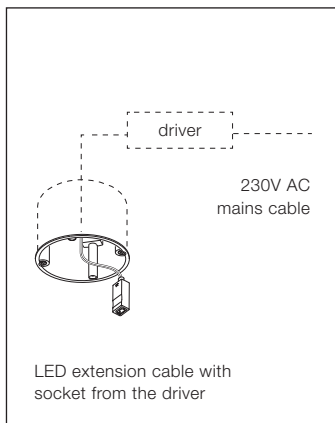
Installation Più alto 3d flat





*external driver (constant current driven): max. 700 mA / > 36 V DC

Installation Più alto 3d flat



Connecting the driver (see supplementary sheet for the driver):

Connect the driver to the mains cable in accordance with the diagram.

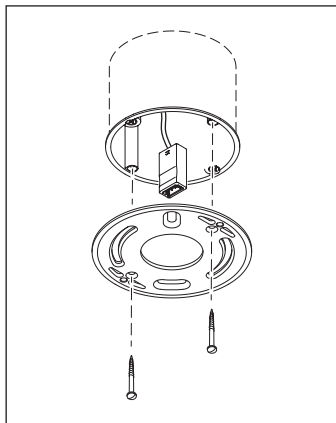
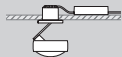
Connect the cable with the LED socket to the driver. Observe the technical instructions of the particular manufacturer.

Guide the socket of the LED extension cable to the outside through the hollow ceiling/plastering box.



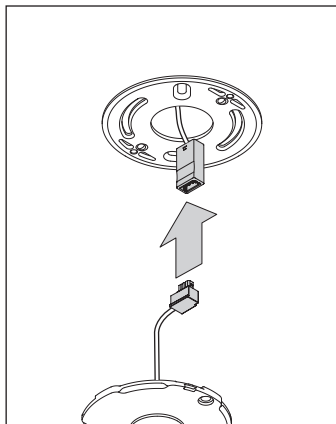
Caution!

Before fitting, disconnect all current-carrying lines from the mains supply.



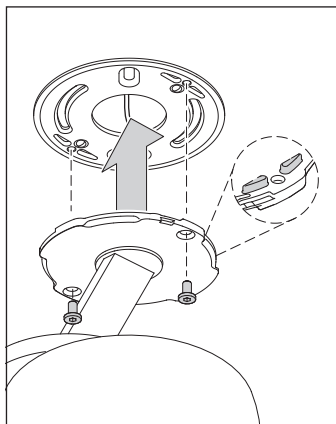
Screw the mounting plate to the hollow ceiling box. As you do so, guide the plug connector of the LED connection cable through the opening.

Ensure that the screws finish flush with the mounting plate.



Connect the plug connector of the LED connection cable with the luminaire connector.

Installation Più alto 3d flat

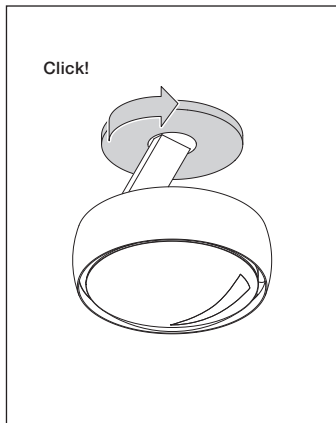


Push the cable and plug connection as far as possible back through the hole and into the hollow ceiling box.

Screw the luminaire body onto the mounting plate using the screws (Allen) provided.

In the process, take care not to trap the cable!

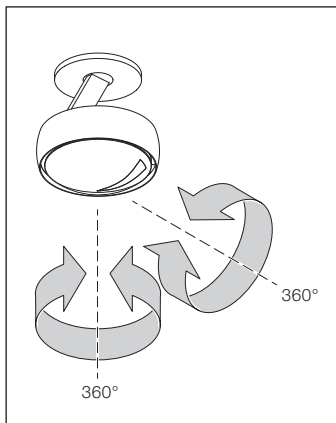
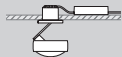
When doing so, ensure that the snap tabs on the luminaire body (see detail) rest flush on the spacers.



Carefully guide the cover over the luminaire stem and lock in place by turning it to the right.

Remove the protective film from the cover.

The spotlight is now fully assembled.



Thanks to the Occhio 3d joint, the spotlight can be moved in any direction.

Both joints have a stop.



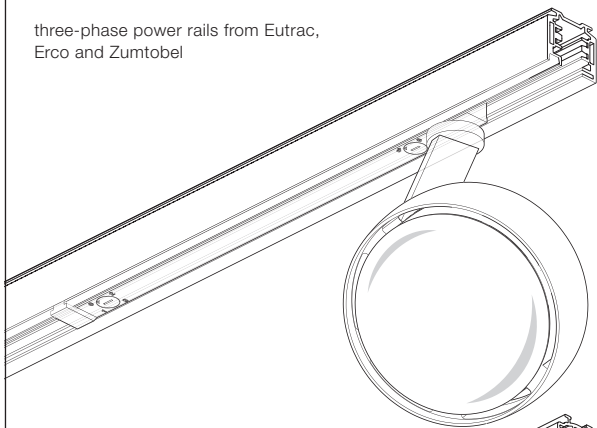
Caution!
When used in continuous operation, the surface of the spotlight can become hot.

Installation Più alto 3d track

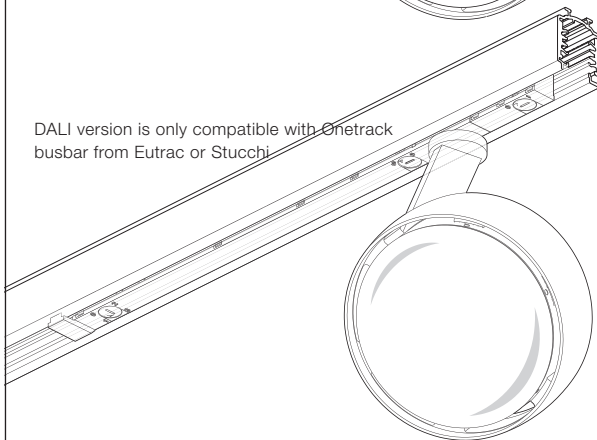
version for three-phase power rails from Eutrac, ERCO and Zumtobel (DALI version is only compatible with Onetrack bus-bar from Eutrac or Stucchi)

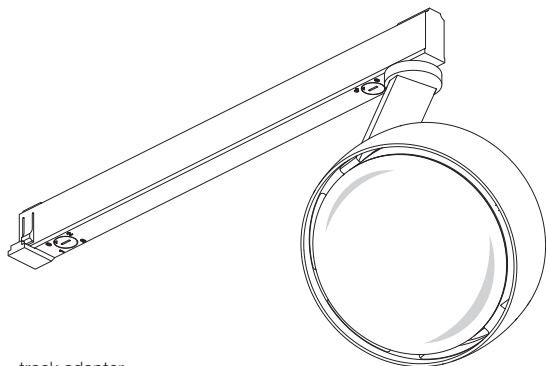
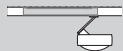
Installation Più alto 3d track

three-phase power rails from Eutrac,
Erco and Zumtobel

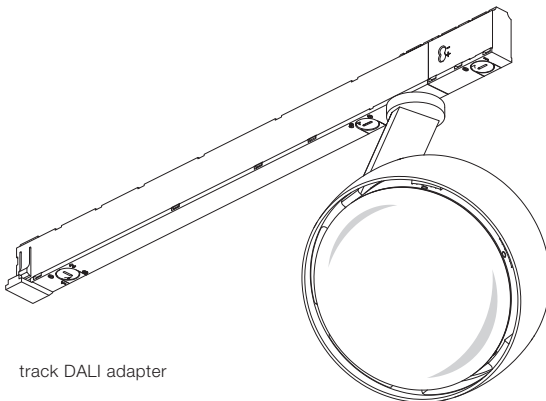


DALI version is only compatible with Onetrack
busbar from Eutrac or Stucchi





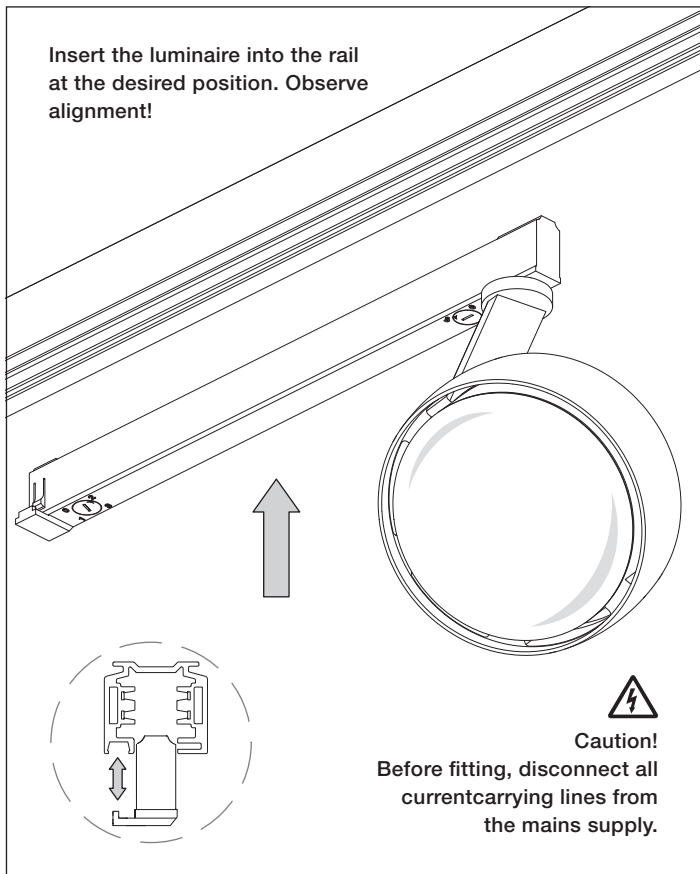
track adapter

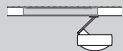


track DALI adapter

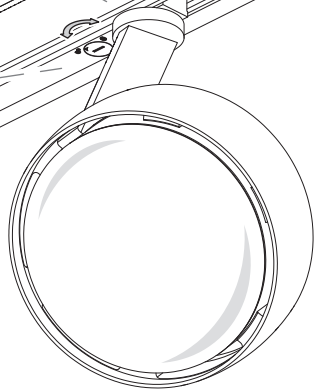
Installation Più alto 3d track

Insert the luminaire into the rail at the desired position. Observe alignment!



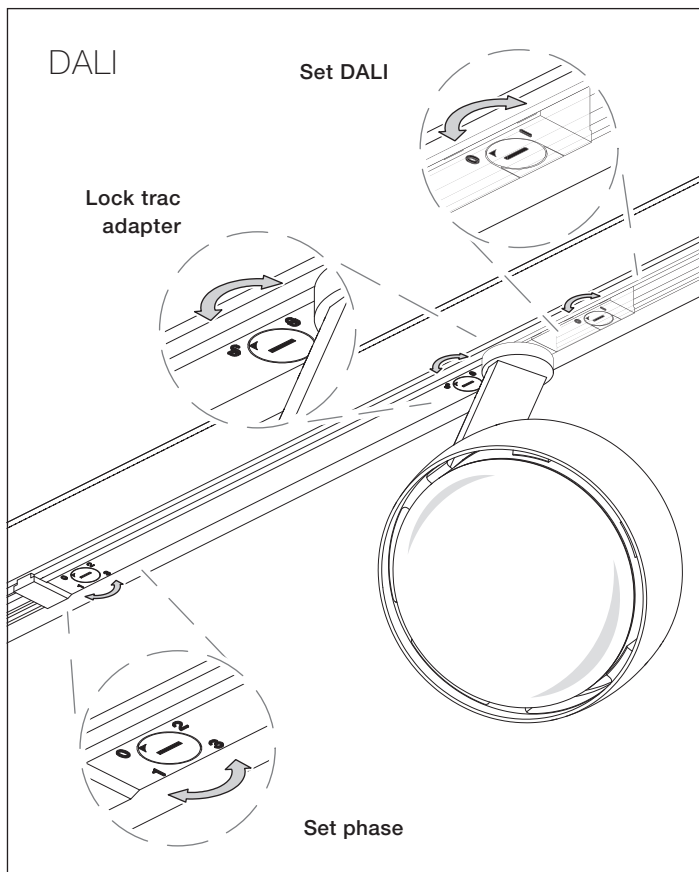


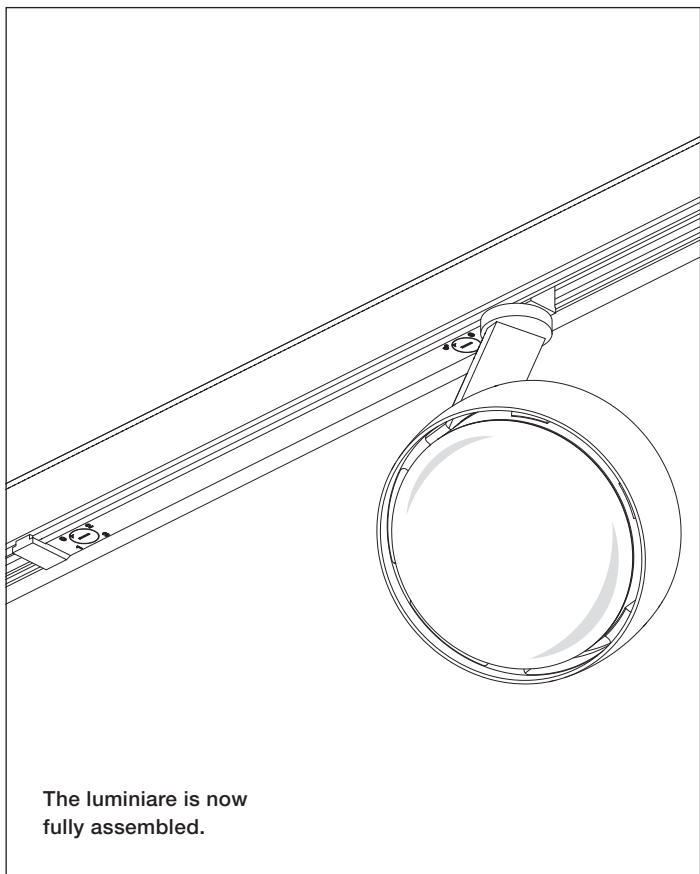
Lock trac
adapter



Set phase

Installation Più alto 3d track





The luminaire is now
fully assembled.

Appendix

Care instructions

Always allow the luminaire to cool down before cleaning.

To clean the luminaire, use a dry microfibre cloth or the Occhio cleaning agent.

Information & contact

Your Occhio specialist retailer will gladly answer any other questions

www.occhio.com

info@occhio.com

Technical data

Technical data – luminaire

Product designation	Più alto 3d pro
head	ø 123 mm, H 42 mm
up-version	base ø 88 mm, H 29 mm, total height max. 189 mm
flat-version	base ø 88 mm, H 8 mm, total height max. 168 mm
track-version	invi-track-housing: L 300 x B 14 x H 28 mm, total height max. 170 mm
Safety class	up-version 2, flat-version 3, track-version 1
Connection	up / track-version: 230 V AC flat-version: max. 700 mA constant. / > 36 V DC
Power supply unit	up / track-version: integrated flat version: external
Dimming	up-Version: by trailing-edge phasecut dimmer (For a list of compatible dimmers, see www.occhio.com/dim_en) flat-Version: with suitable power supply unit track-version: not dimmable or DALI dimmable
Luminaire material	aluminium, steel – chrome-plated, painted or anodised, plastic
Insert material	glass, optical plastic
LED power	26 W
Permitted operating conditions	max. 30°C for indoor use only
Test symbols	IP 20     up:  flat:  track: 

Technical data – LED

Light source	Occhio light module
Version	LED module (replaceable)
Life time	> 50.000 hrs
Disposal	Dispose of at the local waste disposal site. The light source is recyclable and RoHS-compliant. Do not dispose of with household waste.

Occhio

www.occhio.com



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